

LAMPIRAN-A
DOKUMEN KELUARAN SISTEM BERJALAN

**KARTU ANGGOTA PERPUSTAKAAN
SD NEGERI 1 PANGKALPINANG**

Nama : Natasyah Aza Sabila
TTL : Pangkalpinang, 23-09-2004
Alamat : Jl. Mentok



**Lampiran A-1
Kartu Anggota**

LAPORAN PEMINJAMAN BUKU

No	Nama Siswa	Buku Yang Dipinjam	Ket
1	LESTARI FEBRIANTI	Ayo berkreasi	
2	DIAN ANGGREINI	Aneka keterampilan dari bahan sampah padat	
3	NANDA ERLYNDA MARLANTIKA	Daur ulang sampah	
4	RIFKI ANDRIANSYAH	Aneka kerajinan serat tanaman	
5	MUHAMAD REZA ARIO BISMA	Kreatif dengan olimpiade sains	
6	QUEEN DESFIZIYAUMIL MUNAWWAROH	Seri keterampilan anak	
7	DEWI ZAHARA	Iklm yang berubah	
8	DEA FITRAYANSAH	Energi masa depan	
9	RULLY AZMAN ZAENURY	Pesawat Jet	
10	PURNAMA SARI	Tubuhku	
11	KEVIN ARYATAMA	Serangga dan Laba-laba	
12	ANANDA ALFATH	Bangunan Tinggi dunia	
13	ALI ANDARU	Kehidupan di planet bumi	
14	SRI REZEKY WULANDARI	Komputer	
15	ANAFAH FITRA MARISKA	Satwa dalam bahaya	
16	KENANGA LESTARI	Kisah Penemuan	
17	PRIMASTUTY ARIANI	Aku senang dan Pintar	
18	NADIA MIFTAHUL JANNAH	Ketika aku berkata Ya dan Tidak	
19	RESTU PRINGGONDANI	Mengungkap rahasia Alam	
20	NADIA OCTAVIONY	Asyik bermain bola volly	
21	ROFI UMARDANI	Tubuhku yang sehat	

Pangkalpinang, September 2010

Petugas Perpustakaan



Lampiran A-3

Laporan Peminjaman

LAMPIRAN-B
DOKUMEN MASUKAN SISTEM BERJALAN



**PEMERINTAH KOTA PANGKALPINANG
DINAS PENDIDIKAN
SD NEGERI 1 PANGKALPINANG**

Alamat: Jl. Hormen Maddati Kel. Melintang Pangkalpinang ☎ 07171-423187
E-mail : sdn1@dinpendikpkp.go.id / Website : www.sdn1-pkp.sch.id



**FORMULIR PENDAFTARAN
ANGGOTA PERPUSTAKAAN SD NEGERI 1 PANGKALPINANG**

Nama Siswa : NATASJAH AZA SABILA
Tempat dan Tanggal Lahir : PANGKALPINANG, 03-9-2004
Jenis Kelamin : PEREMPUAN
Alamat : JL. MENTOK
Telepon : 434560

Mengetahui,
Petugas Perpustakaan

INDAH SITI ASTUTI

Pangkalpinang, ...Juli... 2009

Pendaftar


(NATASJAH AZA SABILA)

Lampiran B-2
Formulir Pendaftaran

**BUKU PEMINJAMAN
PERPUSTAKAAN
SD NEGERI 1 PANGKALPINANG**

NAMA SISWA	KELAS	JUDUL BUKU	TANGGAL		KET
			PINJAM	KEMBALI	
		Mengenal Kelara	"	"	f
		Milai Pasar Puduamian	"	"	f
		Disiplin Ilmu	"	"	f
		Rasih ...	"	"	f
		Sekolah Abas PPK	"	"	f
		Air Sumber Beki	"	"	f
		Sepatu Pesawat	"	"	f
		Petani Cilik	"	"	f
		Pertina di Bukit B	"	"	f
		Hemat	"	"	f
		Raden dui ...	"	"	f
		Trans portasi	"	"	f
		Matematika CB	05/02-08	"	
		SA	"	"	
		Darah ...	"	"	f
		Ayo Berdora Sebelum berbuka puasa	05/02-08	08/02-08	f
		Kacang-kacangan	05/02-08	07/02-08	f
		PPKn	"	"	f
		Genemat PK	"	"	f
		Kel. Pak. Beno	"	"	f
		Ayo Belajar Berenang	"	"	f
	VI	1. Makam keramat 2. Mutiara di Sekatan	06/ 02-08	08/ 02-08	f
	VI	Hati ku yg Berbicara	06/02-08	08/02-08	f
	VI	Kereta api hemat energi	06/02-08	08/02-08	f
	VI	Tuan ku (taman bongol)	06/02-08	08/02-08	f
	III A	Mengelal kacang 2 an	06/02-08	08/02-08	f
	III A	Nakroda	06/02-08	08/02-08	f
	III A	Mengelal kacang-kacangan	06/02-08	08/02-08	f
	III A	"	06/02-08	08/02-08	f
	V	1. Tanah sumber kehidupan 2. Aku bisa menghemat energi	06/02-08	08/02-08	f
	VI	Arma Usahawan cilik	06/02-08	08/02-08	f
	V	Mengelal kacang 2 an	06/02-08	08/02-08	f
	V	Disiplin tempat umum	06/02-08	08/02-08	f

**Lampiran B-3
Data Peminjaman**

**BUKU PEMINJAMAN
PERPUSTAKAAN
SD NEGERI 1 PANGKALPINANG**

NAMA SISWA	KELAS	JUDUL BUKU	TANGGAL		KET
			PINJAM	KEMBALI	
		Mengenal Kelara	"	"	f
		Milki Pasar Puduamian	"	"	f
		Disiplin Ilmu	"	"	f
		Rasih ...	"	"	f
		Sekolah Abas PPK	"	"	f
		Air Sumber Beki	"	"	f
		Sepatu Pesawat	"	"	f
		Petani Cilik	"	"	f
		Pertina di Bukit B	"	"	f
		Hemat	"	"	f
		Raden dui ...	"	"	f
		Trans portan	"	"	f
		Matematika CB	05/02-08	"	
		SA	"	"	
		Darah ...	"	"	f
		Ayo Berdoa Sebelum berbuka puasa	05/02-08	08/02-08	f
		Kacang-kacangan	05/02-08	07/02-08	f
		PPKn	"	"	f
		Genemat PK	"	"	f
		Kel. Pak. Beno	"	"	f
		Ayo Belajar Berenang	"	"	f
	VI	1. Makam keramat 2. Mutiara di Sekatan	06/ 02-08	08/ 02-08	f
	VI	Hati ku yg Berbicara	06/02-08	08/02-08	f
	VI	Kereta api hemat energi	06/02-08	08/02-08	f
	VI	Tuan ku (taman bongol)	06/02-08	08/02-08	f
	III A	Mengenal kacang-kacangan	06/02-08	08/02-08	f
	III A	Naktroda	06/02-08	08/02-08	f
	III A	Mengenal kacang-kacangan	06/02-08	08/02-08	f
	III A	"	06/02-08	08/02-08	f
	V	1. Tanah sumber kehidupan 2. Aku bisa menghemat energi	06/02-08	08/02-08	f
	VI	Arma Usahawan cilik	06/02-08	08/02-08	f
	V	Mengenal kacang-kacangan	06/02-08	08/02-08	f
	V	Disiplin tempat umum	06/02-08	08/02-08	f

**Lampiran B-4
Data Pengembalian**

LAMPIRAN-C
RANCANGAN KELUARAN SISTEM USULAN

**Kartu Anggota Perpustakaan
“PELITA”
SD Negeri 1 Pangkalpinang**

Nomor Anggota : X – 6 – X
Nama Anggota : X – 25 – X
Tempat dan Tanggal Lahir : X – 25 – X / dd/mm/yyyy
Alamat : X – 30 – X



Pangkalpinang, dd/mm/yyyy

Kepala Sekolah

Isnawati Rahayu, S.Pd
NIP. 19610324 198303 2 003

**Lampiran C-1
Kartu Anggota Perpustakaan**



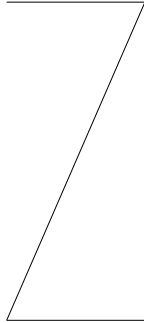
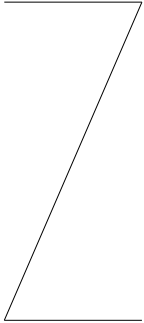
**SISTEM INFORMASI PEMINJAMAN BUKU
PADA**

PERPUSTAKAAN SD NEGERI 1 PANGKALPINANG

Jl. Hormen Maddati Kel. Melintang Pangkalpinang Telp. 0717-423187
E-mail : sdn1@dinpendikpkp.go.id / website : www.sdn1-pkp.sch.id

BUKTI PEMINJAMAN BUKU

No. Peminjaman : X – 6 – X
Nama Anggota : X – 25 – X
Tgl. Peminjaman : dd/mm/yyyy
Tgl. Hrs Kembali : dd/mm/yyyy

No	Kode Buku	Kode Copy Buku	Judul Buku
99	X – 6 – X	X – 6 – X	X – 50 – X
			
99	X – 6 – X	X – 6 – X	X – 50 – X

Pangkalpinang, dd/mm/yyyy
Petugas Perpustakaan

Indah Siti Astuti

Lampiran C-2

Bukti Peminjaman Buku

**SISTEM INFORMASI PEMINJAMAN BUKU
PADA
PERPUSTAKAAN SD NEGERI 1 PANGKALPINANG**
Jl. Hormen Maddati Kel. Melintang Pangkalpinang Telp. 0717-423187
E-mail : sdn1@dinpendikpkp.go.id / website : www.sdn1-pkp.sch.id

LAPORAN PEMINJAMAN BUKU

Priode : dd/mm/yyyy s.d dd/mm/yyyy

No	No. Pinjam	Tgl. Pinjam	No. Anggota	Nama Anggota	Kode Buku	Kode Copy Buku	Judul Buku	Pengarang	Penerbit	Tgl. Hrs Kembali
99	X-6-X	dd/mm/yyyy	X-6-X	X-25-X	X-6-X	X-6-X	X-50-X	X-30-X	X-30-X	dd/mm/yyyy
99	X-6-X	dd/mm/yyyy	X-6-X	X-25-X	X-6-X	X-6-X	X-50-X	X-30-X	X-30-X	dd/mm/yyyy

Mengetahui,
Kepala Sekolah

Isnawati Rahayu, S.Pd
NIP. 19610324 198303 2 003

Pangkalpinang, dd/mm/yyyy

Petugas Perpustakaan

Indah Siti Astuti

**Lampiran C-3
Laporan Peminjaman Buku**

**SISTEM INFORMASI PEMINJAMAN BUKU
PADA
PERPUSTAKAAN SD NEGERI 1 PANGKALPINANG**
Jl. Hormen Maddati Kel. Melintang Pangkalpinang Telp. 0717-423187
E-mail : sdn1@dinpendikpkp.go.id / website : www.sdn1-pkp.sch.id

LAPORAN PENGEMBALIAN BUKU

Priode : dd/mm/yyyy s.d dd/mm/yyyy

No	No. Kembali	Tgl Kembali	No. Anggota	Nama Anggota	Kode Buku	Kode Copy Buku	Judul Buku	Pengarang	Penerbit	Keterangan
99	X-6-X	dd/mm/yyyy	X-6-X	X-25-X	X-6-X	X-6-X	X-50-X	X-30-X	X-30-X	X-15-X
99	X-6-X	dd/mm/yyyy	X-6-X	X-25-X	X-6-X	X-6-X	X-50-X	X-30-X	X-30-X	X-15-X

Mengetahui,
Kepala Sekolah

Isnawati Rahayu, S.Pd
NIP. 19610324 198303 2 003

Pangkalpinang, dd/mm/yyyy

Petugas Perpustakaan

Indah Siti Astuti

**Lampiran C-4
Laporan Pengembalian Buku**

LAMPIRAN-D
RANCANGAN MASUKAN SISTEM USULAN

PERPUSTAKAAN SD NEGERI 1 PANGKALPINANG
Jl. Horman Maddati Kel. Melintang Pangkalpinang Telp. 0717-423187

DATA BUKU

No	Kode Buku	Judul Buku	Pengarang	Penerbit	Tempat Terbit	Jumlah Copy
99	X-6-X	X-50-X	X-30-X	X-30-X	X-30-X	X-2-X
99	X-6-X	X-50-X	X-30-X	X-30-X	X-30-X	X-2-X

Pangkalpinang, dd/mm/yyyy
Petugas Perpustakaan

Indah Siti Astuti

Lampiran D-1

Data Buku

DATA PENGEMBALIAN BUKU

Nomor Pengembalian : X-6-X	Nomor Peminjaman : X-6-X
Tanggal Kembali : dd/mm/yyyy	Tgl Harus Kembali : dd/mm/yyyy
	Nama Anggota : X-25-X
	Alamat : X-30-X

No	Kode Copy Buku	Kode Buku	Judul Buku	Pengarang	Penerbit	Keterangan
99	X-6-X	X-6-X	X-50-X	X-30-X	X-30-X	X-15-X
99	X-6-X	X-6-X	X-50-X	X-30-X	X-30-X	X-15-X

Pangkalpinang, dd/mm/yyyy
 Petugas Perpustakaan

Indah Siti Astuti

Lampiran D-5
Data Pengembalian Buku

LAMPIRAN-E
SURAT KETERANGAN RISET



PEMERINTAH KOTA PANGKALPINANG
DINAS PENDIDIKAN
SD NEGERI 1 PANGKALPINANG



Alamat : Jl. Hormen Maddati Kel. Melintang Pangkalpinang ☎ 0717-423187
e-mail : sdn1@dinpendikpkp.go.id / website : www.sdn1-pkp.sch.id

SURAT KETERANGAN
Nomor :152/SDN.1/VI/2011

Yang bertanda tangan di bawah ini :

Nama : Isnawati Rahayu, S.Pd
Jabatan : Kepala Sekolah Dasar Negeri 1 Pangkalpinang

Menerangkan bahwa :

Nama : Juliar Idham
NIM : 08122300335

Telah melaksanakan riset pada Perpustakaan SD Negeri 1 Pangkalpinang sejak tanggal 12 April 2011 s/d 07 Juni 2011 dengan baik.

Demikian Surat Keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Dibuat di : Pangkalpinang

Tanggal : 08 Juni 2011

Kepala Sekolah



Isnawati Rahayu
Isnawati Rahayu, S.Pd

NIP. 19610324 198303 2 003



SMTIK ATMA LUHUR



KARTU BIMBINGAN

NIM : 0822300335
 NAMA : JULIAR IDHAM
 DOSEN PEMBIMBING : ANISAH, M.KOM
 JUDUL TUGAS AKHIR (TA) : RANCANGAN SISTEM INFORMASI
 PEMINJAMAN BUKU PADA
 PERPUSTAKAAN SD NEGERI 1
 PANGKALPINANG DENGAN
 METODOLOGI BERORIENTASI
 OBYEK



No	Tanggal	Materi	Paraf Dosen
1.	14 April 2011	BAB I	
2.	19 April 2011	Abstraksi dan dokumen-dokumen	
3.	22 April 2011	Proses bisnis, activity diagram	
4.	26 April 2011	Analisa masukan dan keluaran	
5.	04 Mei 2011	Use case, deskripsi use case dan identifikasi kebutuhan	
6.	10 Mei 2011	Revisi use case, deskripsi use case dan identifikasi kebutuhan	
7.	17 Mei 2011	ERD, LRS	
8.	25 Mei 2011	SBD, rancangan layar, Sequence diagram	
9.	15 Juni 2011	Revisi Bab I s.d V	
10.	30 Juni 2011	Demo Program	

Mahasiswa di atas telah melakukan bimbingan dengan jumlah materi yang telah mencukupi untuk disidangkan.

Mahasiswa

(JULIAR IDHAM)

Pangkalpinang, 30 Juni 2011

Dosen Pembimbing

(ANISAH, M.KOM)

Koneksi

```
Imports System.Data.OleDb
Imports System.Data
Module Koneksi
    Public con As String = "
Provider=Microsoft.Jet.Oledb.4.0;" & _
    "Data Source =" & Application.StartupPath &
    "\Perpustakaan.mdb;"
    Public cn As OleDbConnection
End Module
```

Entry Data Anggota

```
Public Class FAnggota
    Dim obj As New CAnggota

    Private Sub FAnggota_Activated(ByVal sender As
Object, ByVal e As System.EventArgs) Handles
Me.Activated
        T2.Focus()
    End Sub

    Private Sub FAnggota_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        obj.showdata()
        obj.oto()
        T1.Text = obj.NoAnggota
    End Sub

    Private Sub BKeluar_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BKeluar.Click
        Me.Close()
    End Sub

    Public Sub clearform()
        T1.Text = ""
        T2.Text = ""
        T3.Text = ""
        T4.Text = ""
        CB1.Text = ""
        T5.Text = ""
        T6.Text = ""
    End Sub
End Class
```



```

        T1.Focus()
    End Sub
    Private Sub BSimpan_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BSimpan.Click
        obj.NoAnggota = T1.Text
        obj.NmAnggota = T2.Text
        obj.TmptLhr = T3.Text
        obj.TglLhr = T4.Text
        obj.JK = CB1.Text
        obj.Almnt = T5.Text
        obj.Tlp = T6.Text

        obj.Simpan(T1.Text)
        clearform()
        T1.Focus()
        obj.showdata()
        obj.oto()
        T1.Text = obj.NoAnggota

    End Sub

    Private Sub T1_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T1.KeyPress
        If Asc(e.KeyChar) = 13 Then
            obj.NoAnggota = T1.Text
            obj.Tampil()
            T1.Text = obj.NoAnggota
            T2.Text = obj.NmAnggota
            T3.Text = obj.TmptLhr
            T4.Text = obj.TglLhr
            CB1.Text = obj.JK
            T5.Text = obj.Almnt
            T6.Text = obj.Tlp

            T2.Focus()
        End If
    End Sub

    Private Sub BUbah_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BUbah.Click
        obj.NoAnggota = T1.Text
        obj.NmAnggota = T2.Text
        obj.TmptLhr = T3.Text
        obj.TglLhr = T4.Text
        obj.JK = CB1.Text
        obj.Almnt = T5.Text

```

```

obj.Tlp = T6.Text

obj.Ubah(T1.Text)
obj.showdata()
clearform()

obj.oto()
T1.Text = obj.NoAnggota
T2.Focus()
End Sub

Private Sub BBatal_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BBatal.Click
clearform()
obj.oto()
T1.Text = obj.NoAnggota
T2.Focus()
End Sub

Private Sub BHapus_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BHapus.Click
Dim pesan As String
pesan = MsgBox("Apakah Nomor Anggota : " &
T1.Text & " Akan dihapus???", MsgBoxStyle.OkCancel,
"Pesan")
If pesan = MsgBoxResult.Ok Then
obj.NoAnggota = T1.Text
obj.Hapus()
Else
MsgBox("Nomor Anggota " & T1.Text & " Batal
dihapus!", MsgBoxStyle.OkOnly, "pesan!")
End If
clearform()
obj.showdata()
obj.oto()
T1.Text = obj.NoAnggota
T2.Focus()
End Sub

Private Sub BCari_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BCari.Click
FCariAnggota.ShowDialog()
End Sub

```

```

    Private Sub T2_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T2.KeyPress
    If Asc(e.KeyChar) = 13 Then
        obj.NmAnggota = T2.Text
        T3.Focus()
    End If
End Sub

    Private Sub T3_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T3.KeyPress
    If Asc(e.KeyChar) = 13 Then
        obj.TmptLhr = T3.Text
        T4.Focus()
    End If
End Sub

    Private Sub T4_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T4.KeyPress
    If Asc(e.KeyChar) = 13 Then
        obj.TglLhr = T4.Text
        CB1.Focus()
    End If
End Sub

    Private Sub CB1_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles CB1.KeyPress
    If Asc(e.KeyChar) = 13 Then
        obj.JK = CB1.Text
        T5.Focus()
    End If
End Sub

    Private Sub T5_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T5.KeyPress
    If Asc(e.KeyChar) = 13 Then
        obj.Almt = T5.Text
        T6.Focus()
    End If
End Sub

```

```

    Private Sub T6_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles T6.KeyPress
        If Asc(e.KeyChar) = 13 Then
            obj.Tlp = T6.Focus
            BSimpan.Focus()
        End If
    End Sub

```

```

    Private Sub ListView1_SelectedIndexChanged(ByVal
sender As Object, ByVal e As System.EventArgs) Handles
ListView1.SelectedIndexChanged
        obj.NoAnggota = T1.Text
        T1.Text =
ListView1.FocusedItem.SubItems(1).Text
        T2.Text =
ListView1.FocusedItem.SubItems(2).Text
        T3.Text =
ListView1.FocusedItem.SubItems(3).Text
        T4.Text =
ListView1.FocusedItem.SubItems(4).Text
        CB1.Text =
ListView1.FocusedItem.SubItems(5).Text
        T5.Text =
ListView1.FocusedItem.SubItems(6).Text
        T6.Text =
ListView1.FocusedItem.SubItems(7).Text
        T2.Focus()

```

```

End Sub

```

```

    Private Sub BCetak_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BCetak.Click
        MsgBox("NoAnggota" & T1.Text)
        FKAnggota.CrystalReportViewer1.SelectionFormula
= "{Anggota.NoAnggota}='" & T1.Text & "'"
        FKAnggota.CrystalReportViewer1.RefreshReport()
        FKAnggota.ShowDialog()
    End Sub

```

```

End Class

```

Entry Data Buku

```
Public Class FBuku
    Dim objbuku As New CBuku

    Private Sub FBuku_Activated(ByVal sender As Object,
ByVal e As System.EventArgs) Handles Me.Activated
        T1.Focus()
    End Sub

    Private Sub FBuku_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        objbuku.showdata()
        T1.Focus()
    End Sub

    Private Sub BSimpan_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BSimpan.Click
        objbuku.KdBuku = T1.Text
        objbuku.JdlBuku = T2.Text
        objbuku.Pengarang = T3.Text
        objbuku.Penerbit = T4.Text
        objbuku.TmptTerbit = T5.Text
        objbuku.JmlhCopy = T6.Text

        objbuku.Simpan(T1.Text)
        objbuku.showdata()
        objbuku.Batal()
        T1.Text = objbuku.KdBuku
        T2.Text = objbuku.JdlBuku
        T3.Text = objbuku.Pengarang
        T4.Text = objbuku.Penerbit
        T5.Text = objbuku.TmptTerbit
        T6.Text = objbuku.JmlhCopy
        T1.Focus()
    End Sub

    Private Sub UBah_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles UBah.Click
        objbuku.KdBuku = T1.Text
        objbuku.JdlBuku = T2.Text
        objbuku.Pengarang = T3.Text
        objbuku.Penerbit = T4.Text
        objbuku.TmptTerbit = T5.Text
        objbuku.JmlhCopy = T6.Text
```

```

objbuku.Ubah(T1.Text)
objbuku.showdata()
objbuku.Batal()
T1.Text = objbuku.KdBuku
T2.Text = objbuku.JdlBuku
T3.Text = objbuku.Pengarang
T4.Text = objbuku.Penerbit
T5.Text = objbuku.TmptTerbit
T6.Text = objbuku.JmlhCopy
T1.Focus()
End Sub

Private Sub BHapus_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BHapus.Click
Dim pesan As String
pesan = MsgBox("Apakah Kode buku : " & T1.Text
& " Akan dihapus???", MsgBoxStyle.OkCancel, "pesan")
If pesan = MsgBoxResult.Ok Then
objbuku.KdBuku = T1.Text
objbuku.Hapus()
objbuku.showdata()

Else
MsgBox("Kode Buku : " & T1.Text & " Batal
dihapus", MsgBoxStyle.OkOnly, "pesan")
End If
objbuku.Batal()
T1.Text = objbuku.KdBuku
T2.Text = objbuku.JdlBuku
T3.Text = objbuku.Pengarang
T4.Text = objbuku.Penerbit
T5.Text = objbuku.TmptTerbit
T6.Text = objbuku.JmlhCopy

T1.Focus()
End Sub

Private Sub BBatal_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BBatal.Click
objbuku.Batal()
T1.Text = objbuku.KdBuku
T2.Text = objbuku.JdlBuku
T3.Text = objbuku.Pengarang
T4.Text = objbuku.Penerbit
T5.Text = objbuku.TmptTerbit
T6.Text = objbuku.JmlhCopy

```



```

        T1.Focus()
    End Sub

    Private Sub BCari_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BCari.Click
        FCariBuku.ShowDialog()
    End Sub

    Private Sub ListView1_SelectedIndexChanged(ByVal
sender As Object, ByVal e As System.EventArgs) Handles
ListView1.SelectedIndexChanged
        objbuku.KdBuku = T1.Text
        T1.Text =
ListView1.FocusedItem.SubItems(1).Text
        T2.Text =
ListView1.FocusedItem.SubItems(2).Text
        T3.Text =
ListView1.FocusedItem.SubItems(3).Text
        T4.Text =
ListView1.FocusedItem.SubItems(4).Text
        T5.Text =
ListView1.FocusedItem.SubItems(5).Text
        T6.Text =
ListView1.FocusedItem.SubItems(6).Text
        T1.Focus()

    End Sub

    Private Sub BKeluar_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BKeluar.Click
        Me.Close()
    End Sub

    Private Sub T2_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T2.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objbuku.JdlBuku = T2.Text
            T3.Focus()
        End If
    End Sub

    Private Sub T3_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T3.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objbuku.Pengarang = T3.Text

```

```

        T4.Focus()
    End If
End Sub

Private Sub T4_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T4.KeyPress
    If Asc(e.KeyChar) = 13 Then
        objbuku.Penerbit = T4.Text
        T5.Focus()
    End If
End Sub

Private Sub T5_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T5.KeyPress
    If Asc(e.KeyChar) = 13 Then
        objbuku.TmptTerbit = T5.Focus
        T6.Focus()
    End If
End Sub

Private Sub T6_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T6.KeyPress
    If Asc(e.KeyChar) = 13 Then
        objbuku.JmlhCopy = T6.Text
        BSimpan.Focus()
    End If
End Sub

Private Sub T1_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T1.KeyPress
    If Asc(e.KeyChar) = 13 Then
        objbuku.KdBuku = T1.Text
        objbuku.Tampil()
        T1.Text = objbuku.KdBuku
        T2.Text = objbuku.JdlBuku
        T3.Text = objbuku.Pengarang
        T4.Text = objbuku.Penerbit
        T5.Text = objbuku.TmptTerbit
        T6.Text = objbuku.JmlhCopy
        T2.Focus()

    End If
End Sub

```

End Class

Entry Copy Buku

```
Imports System.Data.OleDb
Imports System.Data
Public Class FCopyBuku
    Dim objcopybuku As New CCopyBuku
    Dim objbuku As New CBuku
    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader

    Private Sub FCopyBuku_Activated(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Activated
        T4.Focus()
    End Sub
    Private Sub FCopyBuku_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        objcopybuku.showdata()
    End Sub

    Private Sub BSimpan_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles BSimpan.Click
        objcopybuku.KdCopyBuku = T1.Text
        objcopybuku.Cetakan = T2.Text
        objcopybuku.TahunTerbit = T3.Text
        objcopybuku.KdBuku = T4.Text
        objcopybuku.Simpan(T1.Text)
        objcopybuku.showdata()
        objcopybuku.Batal()
        T1.Text = objcopybuku.KdCopyBuku
        T2.Text = objcopybuku.Cetakan
        T3.Text = objcopybuku.TahunTerbit
        T4.Text = objcopybuku.KdBuku
        T5.Text = objcopybuku.JdlBuku
        T6.Text = objcopybuku.Pengarang
        T7.Text = objcopybuku.Penerbit
        T8.Text = objcopybuku.TmptTerbit

        T1.Focus()
    End Sub
```

```

    Private Sub BUbah_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BUbah.Click
    objcopybuku.KdCopyBuku = T1.Text
    objcopybuku.Cetakan = T2.Text
    objcopybuku.TahunTerbit = T3.Text
    objcopybuku.KdBuku = T4.Text
    objcopybuku.Ubah(T1.Text)
    objcopybuku.showdata()

    objcopybuku.Batal()
    T1.Text = objcopybuku.KdCopyBuku
    T2.Text = objcopybuku.Cetakan
    T3.Text = objcopybuku.TahunTerbit
    T1.Focus()

End Sub

    Private Sub BHapus_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BHapus.Click
    Dim pesan As String
    pesan = MsgBox("Apakah Copy Buku dengan Kode :
" & T1.Text & " akan dihapus???", MsgBoxStyle.OkCancel,
"pesan")
    If pesan = MsgBoxResult.Ok Then
        objcopybuku.KdCopyBuku = T1.Text
        objcopybuku.Hapus()
        objcopybuku.showdata()
    Else
        MsgBox("Copy Buku dengan kode : " & T1.Text
& " sudah dihapus!", MsgBoxStyle.OkOnly, "pesan!")
    End If
    objcopybuku.Batal()
    T1.Text = objcopybuku.KdCopyBuku
    T2.Text = objcopybuku.Cetakan
    T3.Text = objcopybuku.TahunTerbit
    T4.Text = objcopybuku.KdBuku
    T5.Text = objcopybuku.JdlBuku
    T6.Text = objcopybuku.Pengarang
    T7.Text = objcopybuku.Penerbit
    T8.Text = objcopybuku.TmptTerbit

    T1.Focus()
End Sub

    Private Sub T1_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T1.KeyPress

```

```
If Asc(e.KeyChar) = 13 Then
    objcopybuku.KdCopyBuku = T1.Text
    T2.Focus()
    objcopybuku.Tampil()
    T1.Text = objcopybuku.KdCopyBuku
    T2.Text = objcopybuku.Cetakan
    T3.Text = objcopybuku.TahunTerbit
    T4.Text = objcopybuku.KdBuku
    T5.Text = objcopybuku.JdlBuku
    T6.Text = objcopybuku.Pengarang
    T7.Text = objcopybuku.Penerbit
    T8.Text = objcopybuku.TmptTerbit
```

```
End If
End Sub
```

```
Private Sub ListView1_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles ListView1.SelectedIndexChanged
    objcopybuku.KdCopyBuku = T1.Text
    T1.Text =
ListView1.FocusedItem.SubItems(1).Text
    T2.Text =
ListView1.FocusedItem.SubItems(2).Text
    T3.Text =
ListView1.FocusedItem.SubItems(3).Text
    T4.Text =
ListView1.FocusedItem.SubItems(4).Text
    T5.Text =
ListView1.FocusedItem.SubItems(5).Text
    T6.Text =
ListView1.FocusedItem.SubItems(6).Text
    T7.Text =
ListView1.FocusedItem.SubItems(7).Text
    T8.Text =
ListView1.FocusedItem.SubItems(8).Text

    T1.Focus()
```

```
End Sub
```

```
Private Sub BBatal_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles BBatal.Click
    objcopybuku.Batal()
    T1.Text = objcopybuku.KdCopyBuku
    T2.Text = objcopybuku.Cetakan
    T3.Text = objcopybuku.TahunTerbit
```

```

        T4.Text = objcopybuku.KdBuku
        T5.Text = objcopybuku.JdlBuku
        T6.Text = objcopybuku.Pengarang
        T7.Text = objcopybuku.Penerbit
        T8.Text = objcopybuku.TmptTerbit

        T1.Focus()
    End Sub
    Private Sub BKeluar_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BKeluar.Click
        Me.Close()
    End Sub
    Private Sub BCari_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BCari.Click
        FCariBuku.ShowDialog()
        T1.Focus()
    End Sub

    Private Sub T2_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T2.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objcopybuku.Cetakan = T2.Text
            T3.Focus()
        End If
    End Sub

    Private Sub T3_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T3.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objcopybuku.TahunTerbit = T3.Text
            BSimpan.Focus()
        End If
    End Sub
End Class

```

Browse Anggota

```

Public Class FCariAnggota
    Dim obj As New CAnggota

    Private Sub FCariAnggota_Activated(ByVal sender As
Object, ByVal e As System.EventArgs) Handles
Me.Activated
        T1.Focus()
    End Sub

```



```

        End Sub
        Private Sub FCariAnggota_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
            obj.CariAnggota(T1.Text)
        End Sub

        Private Sub ListView1_MouseClick(ByVal sender As
Object, ByVal e As System.Windows.Forms.MouseEventHandler)
Handles ListView1.MouseClick
            If FAnggota.Enabled = True Then
                Me.Close()
                FAnggota.T1.Text =
ListView1.FocusedItem.SubItems(0).Text
                FAnggota.T2.Text =
ListView1.FocusedItem.SubItems(1).Text
                FAnggota.T3.Text =
ListView1.FocusedItem.SubItems(2).Text
                FAnggota.T4.Text =
ListView1.FocusedItem.SubItems(3).Text
                FAnggota.CB1.Text =
ListView1.FocusedItem.SubItems(4).Text
                FAnggota.T5.Text =
ListView1.FocusedItem.SubItems(5).Text
                FAnggota.T6.Text =
ListView1.FocusedItem.SubItems(6).Text

                End If
            End Sub

        Private Sub ListView1_SelectedIndexChanged(ByVal
sender As Object, ByVal e As System.EventArgs) Handles
ListView1.SelectedIndexChanged
            FAnggota.T1.Text =
ListView1.FocusedItem.SubItems(0).Text
            FAnggota.T2.Text =
ListView1.FocusedItem.SubItems(1).Text
            FAnggota.T3.Text =
ListView1.FocusedItem.SubItems(2).Text
            FAnggota.T4.Text =
ListView1.FocusedItem.SubItems(3).Text
            FAnggota.CB1.Text =
ListView1.FocusedItem.SubItems(4).Text
            FAnggota.T5.Text =
ListView1.FocusedItem.SubItems(5).Text
            FAnggota.T6.Text =
ListView1.FocusedItem.SubItems(6).Text

```

```

        End Sub

        Private Sub T1_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T1.KeyPress
        If Asc(e.KeyChar) = 27 Then
            Me.Close()
        Else
            T1.Focus()
        End If
    End Sub

    Private Sub T1_TextChanged(ByVal sender As Object,
ByVal e As System.EventArgs) Handles T1.TextChanged
        obj.CariAnggota(T1.Text)
    End Sub
End Class

```

Browse Buku

```

Public Class FCariBuku
    Dim obj As New CBuku

    Private Sub FCariBuku_Activated(ByVal sender As
Object, ByVal e As System.EventArgs) Handles
Me.Activated
        T1.Focus()
    End Sub

    Private Sub FCariBuku_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
 MyBase.Load
        obj.CariBuku(T1.Text)
    End Sub

    Private Sub T1_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T1.KeyPress
        If Asc(e.KeyChar) = 27 Then
            Me.Close()
        Else
            T1.Focus()
        End If
    End Sub

```

```

    Private Sub ListView1_MouseClick(ByVal sender As
Object, ByVal e As System.Windows.Forms.MouseEventArgs)
Handles ListView1.MouseClick
    If FBuku.Enabled = True Then
        Me.Close()
        FBuku.T1.Text =
ListView1.FocusedItem.SubItems(0).Text
        FBuku.T2.Text =
ListView1.FocusedItem.SubItems(1).Text
        FBuku.T3.Text =
ListView1.FocusedItem.SubItems(2).Text
        FBuku.T4.Text =
ListView1.FocusedItem.SubItems(3).Text
        FBuku.T5.Text =
ListView1.FocusedItem.SubItems(4).Text
        FBuku.T6.Text =
ListView1.FocusedItem.SubItems(5).Text
        Me.Close()
    End If
    If FCopyBuku.Enabled = True Then
        Me.Close()
        FCopyBuku.T4.Text =
ListView1.FocusedItem.SubItems(0).Text
        FCopyBuku.T5.Text =
ListView1.FocusedItem.SubItems(1).Text
        FCopyBuku.T6.Text =
ListView1.FocusedItem.SubItems(2).Text
        FCopyBuku.T7.Text =
ListView1.FocusedItem.SubItems(3).Text
        FCopyBuku.T8.Text =
ListView1.FocusedItem.SubItems(4).Text
        Me.Close()
    End If
End Sub

```

```

    Private Sub ListView1_SelectedIndexChanged(ByVal
sender As Object, ByVal e As System.EventArgs) Handles
ListView1.SelectedIndexChanged
    If FBuku.Enabled = True Then
        Me.Close()
        FBuku.T1.Text =
ListView1.FocusedItem.SubItems(0).Text
        FBuku.T2.Text =
ListView1.FocusedItem.SubItems(1).Text
        FBuku.T3.Text =
ListView1.FocusedItem.SubItems(2).Text

```

```

        FBuku.T4.Text =
ListView1.FocusedItem.SubItems(3).Text
        FBuku.T5.Text =
ListView1.FocusedItem.SubItems(4).Text
        FBuku.T6.Text =
ListView1.FocusedItem.SubItems(5).Text
    End If
    If FCopyBuku.Enabled = True Then
        Me.Close()
        FCopyBuku.T4.Text =
ListView1.FocusedItem.SubItems(0).Text
        FCopyBuku.T5.Text =
ListView1.FocusedItem.SubItems(1).Text
        FCopyBuku.T6.Text =
ListView1.FocusedItem.SubItems(2).Text
        FCopyBuku.T7.Text =
ListView1.FocusedItem.SubItems(3).Text
        FCopyBuku.T8.Text =
ListView1.FocusedItem.SubItems(4).Text
        Me.Close()
    End If
    Me.Close()
End Sub

Private Sub T1_TextChanged(ByVal sender As Object,
ByVal e As System.EventArgs) Handles T1.TextChanged
    obj.CariBuku(T1.Text)
End Sub
End Class

```

Entry Peminjaman

```

Imports System.Data.OleDb
Imports System.Data
Public Class FPeminjaman
    Dim objpeminjaman As New CPeminjaman
    Dim objAnggota As New CAnggota
    Dim objcopybuku As New CCopyBuku
    Dim objPinjam As New CPinjam
    Dim objbuku As New CBuku

    Dim x As New Integer
    Private Sub FPeminjaman_Activated(ByVal sender As
Object, ByVal e As System.EventArgs) Handles
Me.Activated
        CB.Focus()

```

```

    End Sub
    Private Sub FPeminjaman_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        objpminjaman.oto()
        T4.Text = objpminjaman.NoPinjam
        objpminjaman.PilihCBAnggota()
        DateTimePicker1.Text = Today

    End Sub
    Private Sub CB_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
CB.SelectedIndexChanged
        objAnggota.NoAnggota = CB.Text
        objAnggota.Tampil()
        T2.Text = objAnggota.NmAnggota
        T3.Text = objAnggota.Almnt
        TCBuku.Focus()
    End Sub

    Private Sub TCBuku_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles TCBuku.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objcopybuku.KdCopyBuku = TCBuku.Text
            objcopybuku.TampilCopyBuku()
            T8.Text = objcopybuku.KdBuku
            T9.Text = objcopybuku.JdlBuku
            T10.Text = objcopybuku.Pengarang
            T11.Text = objcopybuku.Penerbit
            T11.Focus()
        End If
    End Sub
    Public Sub tambahlist()
        Dim list As New ListViewItem
        x = x + 1
        list.Text = x
        'list.SubItems.Add(x)
        list.SubItems.Add(TCBuku.Text)
        list.SubItems.Add(T8.Text)
        list.SubItems.Add(T9.Text)
        list.SubItems.Add(T10.Text)
        list.SubItems.Add(T11.Text)
        ListView1.Items.AddRange(New ListViewItem()
{list})
    End Sub

```

```

        Private Sub T11_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T11.KeyPress
    If Asc(e.KeyChar) = 13 Then
        For i = 0 To ListView1.Items.Count - 1
            If ListView1.Items(i).Text =
TCBuku.Text Then
                MessageBox.Show("Nomor Peminjaman :
" & TCBuku.Text & " Sudah masuk ke listview ",
"Information")
                clearcopybuku()
                Exit Sub
            End If
        Next
    End If
    tambahlist()
    clearcopybuku()
End Sub
Public Sub clearcopybuku()
    TCBuku.Text = ""
    T8.Text = ""
    T9.Text = ""
    T10.Text = ""
    T11.Text = ""
    TCBuku.Focus()
End Sub
Public Sub cleardataanggota()
    CB.Text = ""
    T2.Text = ""
    T3.Text = ""
End Sub
Sub clearall()
    Call cleardataanggota()
    Call clearcopybuku()
    ListView1.Items.Clear()
    TCBuku.Focus()
End Sub

Private Sub BKeluar_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BKeluar.Click
    Me.Close()
End Sub

```



```

    Private Sub BSimpan_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BSimpan.Click

        objpminjaman.NoPinjam = T4.Text
        objpminjaman.TglPinjam = DateTimePicker1.Text
        objpminjaman.Simpan(CB.Text)

        For i = 0 To ListView1.Items.Count - 1
            objPinjam.TglHrsKbli = T5.Text
            objPinjam.Simpan(T4.Text,
ListView1.Items(i).SubItems(1).Text)
            objcopybuku.KdCopyBuku =
ListView1.Items(i).SubItems(1).Text
            objcopybuku.Tampil()
            objbuku.KdBuku = objcopybuku.KdBuku
            objbuku.Tampil()
            'objbuku.KdBuku = objcopybuku.KdBuku
            objbuku.JdlBuku = objbuku.JdlBuku
            objbuku.Pengarang = objbuku.Pengarang
            objbuku.Penerbit = objbuku.Penerbit
            objbuku.TmptTerbit = objbuku.TmptTerbit
            objbuku.JmlhCopy = objbuku.JmlhCopy - 1
            objbuku.Ubah(objcopybuku.KdBuku)
        Next

        cleardataanggota()
        BCetak.Focus()
        ListView1.Items.Clear()
    End Sub

    Private Sub BBatal_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BBatal.Click
        clearall()
        CB.Focus()
    End Sub

    Private Sub DateTimePicker1_ValueChanged_1(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles DateTimePicker1.ValueChanged
        T5.Text =
Format(DateTimePicker1.Value.AddDays(3), "dd/MM/yyyy")
    End Sub

```

```

        Private Sub BCetak_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BCetak.Click
            MsgBox("NoPinjam" & T4.Text)

FBPeminjaman.CrystalReportViewer1.SelectionFormula =
"{QPeminjaman.NoPinjam}=' " & T4.Text & "' "

FBPeminjaman.CrystalReportViewer1.RefreshReport()
    FBPeminjaman.ShowDialog()
    objpminjaman.oto()
    T4.Text = objpminjaman.NoPinjam
    CB.Focus()
End Sub

    Private Sub T4_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T4.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objpminjaman.NoPinjam = T4.Text
            objpminjaman.TampilDataPeminjaman()
            T4.Text = objpminjaman.NoPinjam
            DateTimePicker1.Text =
objpminjaman.TglPinjam
            CB.Text = objAnggota.NoAnggota
            T2.Text = objAnggota.NmAnggota
            T3.Text = objAnggota.Almnt
            TCBuku.Text = objcopybuku.KdCopyBuku
            T8.Text = objcopybuku.KdCopyBuku
            T9.Text = objcopybuku.JdlBuku
            T10.Text = objcopybuku.Pengarang
            T11.Text = objcopybuku.Penerbit
            T5.Text = objPinjam.TglHrsKbli
            T2.Focus()
        End If
    End Sub

End Class

```

Entry Pengembalian

```
Imports System.Data.OleDb
Imports System.Data
Public Class FPengembalian

    Dim objpengembalian As New CPengembalian
    Dim objpeminjaman As New CPeminjaman
    Dim objpinjam As New CPinjam
    Dim objCbuku As New CCopyBuku
    Dim objbuku As New CBuku
    Dim objkembali As New CKembali
    Dim x As New Integer

    Private Sub FPengembalian_Activated(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Activated
        T3.Focus()
    End Sub
    Private Sub FPengembalian_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        objpengembalian.oto()
        T1.Text = objpengembalian.NoKembali
        T2.Text = Today
    End Sub

    Private Sub T3_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles T3.KeyPress
        If Asc(e.KeyChar) = 13 Then
            objpeminjaman.NoPinjam = T3.Text
            objpeminjaman.TampilDataPeminjaman()
            T4.Text = objpeminjaman.tglhrskbli
            If T2.Text > objpeminjaman.tglhrskbli Then
                MessageBox.Show("Pengembalian telat")
            End If
            T5.Text = objpeminjaman.nm
            T6.Text = objpeminjaman.alm
            objpinjam.tampilcb(T3.Text)
            CB.Focus()
        End If
    End Sub

    Public Sub tambahlist()
        Dim list As New ListViewItem
        x = x + 1
    End Sub
End Class
```

```

list.Text = x
'list.SubItems.Add(x)
list.SubItems.Add(CB.Text)
list.SubItems.Add(T8.Text)
list.SubItems.Add(T9.Text)
list.SubItems.Add(T10.Text)
list.SubItems.Add(T11.Text)
list.SubItems.Add(T2.Text)
list.SubItems.Add(T12.Text)
ListView1.Items.AddRange(New ListViewItem()
{list})

End Sub

Private Sub CB_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
CB.SelectedIndexChanged
objCbuku.KdCopyBuku = CB.Text
objCbuku.Tampil()
T8.Text = objCbuku.KdBuku
objbuku.KdBuku = T8.Text
objbuku.Tampil()
T9.Text = objbuku.JdlBuku
T10.Text = objbuku.Pengarang
T11.Text = objbuku.Penerbit
T12.Focus()
End Sub

Private Sub T12_KeyPress(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyPressEventArgs)
Handles T12.KeyPress
If Asc(e.KeyChar) = 13 Then
For i = 0 To ListView1.Items.Count - 1
If ListView1.Items(i).Text = CB.Text
Then
MessageBox.Show("Data Buku : " &
CB.Text & " Sudah masuk ke listview ", "Information")
'clearcopybuku()
Exit Sub
End If
Next
tambahlist()
clearcopybuku()
End If

End Sub

Public Sub clearcopybuku()

```

```

        CB.Text = " "
        T8.Text = " "
        T9.Text = " "
        T10.Text = " "
        T11.Text = " "
        T12.Text = " "
        CB.Focus()
    End Sub
    Public Sub cleardatapeminjam()
        T3.Text = " "
        T4.Text = " "
        T5.Text = " "
        T6.Text = " "
    End Sub
    Public Sub clearall()
        cleardatapeminjam()
        clearcopybuku()
    End Sub

    Private Sub T12_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
T12.TextChanged

    End Sub

    Private Sub BSimpan_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BSimpan.Click
        objpengembalian.NoKembali = T1.Text
        objpengembalian.TglKembali = T2.Text
        objpengembalian.Simpan(T3.Text)

        For i = 0 To ListView1.Items.Count - 1
            objkembali.Ket =
ListView1.Items(i).SubItems(7).Text
            objkembali.Simpan(T1.Text,
ListView1.Items(i).SubItems(1).Text)
            objCbuku.KdCopyBuku =
ListView1.Items(i).SubItems(1).Text
            objCbuku.Tampil()
            objbuku.KdBuku = objCbuku.KdBuku
            objbuku.Tampil()
            'objbuku.KdBuku = objcopybuku.KdBuku
            objbuku.JdlBuku = objbuku.JdlBuku
            objbuku.Pengarang = objbuku.Pengarang
            objbuku.Penerbit = objbuku.Penerbit
            objbuku.TmptTerbit = objbuku.TmptTerbit

```

```

        objbuku.JmlhCopy = objbuku.JmlhCopy + 1
        objbuku.Ubah(objCbuku.KdBuku)
    Next
    cleardatapeminjam()
    ListView1.Items.Clear()
    objpengembalian.oto()
    T1.Text = objpengembalian.NoKembali
    T3.Focus()
End Sub

    Private Sub T3_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
T3.TextChanged

    End Sub

    Private Sub BKeluar_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BKeluar.Click
        Me.Close()
    End Sub

    Private Sub BBatal_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles BBatal.Click
        clearall()
    End Sub
End Class

```

Laporan Peminjaman

```

Public Class LapPeminjaman

    Private Sub BCetak_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BCetak.Click
        CLPeminjaman.ShowDialog()
    End Sub

    Private Sub BKeluar_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BKeluar.Click
        Me.Close()
    End Sub

End Class

```

Laporan Pengembalian

```
Public Class LapPengembalian

    Private Sub BKeluar_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BKeluar.Click
        Me.Close()
    End Sub

    Private Sub BCetak_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BCetak.Click
        CLPengembalian.ShowDialog()
    End Sub
End Class
```

Class Anggota

```
Imports System.Data.OleDb
Imports System.Data
Public Class CAnggota
    Private xNoAnggota As String
    Private xNmAnggota As String
    Private xTmptLhr As String
    Private xTglLhr As Date
    Private xJK As String
    Private xAlmt As String
    Private xTlp As String

    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader
    Dim baris As Boolean
    Dim x As Integer
    Dim tmpnil As String = ""

    Public Property NoAnggota() As String
        Get
            Return xNoAnggota
        End Get
        Set(ByVal value As String)
            xNoAnggota = value
        End Set
    End Property
    Public Property NmAnggota() As String
```

```

    Get
        Return xNmAnggota
    End Get
    Set(ByVal value As String)
        xNmAnggota = value
    End Set
End Property
Public Property TmptLhr() As String
    Get
        Return xTmptLhr
    End Get
    Set(ByVal value As String)
        xTmptLhr = value
    End Set
End Property
Public Property TglLhr() As Date
    Get
        Return xTglLhr
    End Get
    Set(ByVal value As Date)
        xTglLhr = value
    End Set
End Property
Public Property JK() As String
    Get
        Return xJK
    End Get
    Set(ByVal value As String)
        xJK = value
    End Set
End Property
Public Property Almt() As String
    Get
        Return xAlmt
    End Get
    Set(ByVal value As String)
        xAlmt = value
    End Set
End Property
Public Property Tlp() As String
    Get
        Return xTlp
    End Get
    Set(ByVal value As String)
        xTlp = value
    End Set
End Property

```



```

Public Function Simpan(ByVal Na As String) As
Integer
    cmd = New OleDbCommand("select * from Anggota
where NoAnggota =" & Na & "'", cn)
    baca = cmd.ExecuteReader
    baris = False
    If baca.HasRows = True Then
        MsgBox("Nomor Anggota : " & Na & " Sudah
pernah disimpan!!")
    Else
        cmd = New OleDbCommand("insert into
Anggota(NoAnggota,NmAnggota,TmptLhr,TglLhr,JK,Almt,Tlp)
" & _
            "values('" & Na & "','" & xNmAnggota &
            "','" & xTmptLhr & "','" & xTglLhr & "','" & xJK &
            "','" & xAlmt & "','" & xTlp & "')", cn)
        MessageBox.Show("Data dengan Nomor Anggota
: " & Na & " Sudah disimpan")
        Return cmd.ExecuteNonQuery
    End If
End Function
Public Function Ubah(ByVal Na As String) As Integer
    cmd = New OleDbCommand("select * from Anggota
where NoAnggota = '" & Na & "'", cn)
    baca = cmd.ExecuteReader
    baris = False
    If baca.HasRows = True Then
        cmd = New OleDbCommand("update Anggota set
NmAnggota = '" & xNmAnggota & "',TmptLhr = '" & _
            xTmptLhr & "',TglLhr='"
& xTglLhr & "',JK = '" & xJK & "',Almt='" & xAlmt &
            "','" & xTlp & "' where NoAnggota =" & Na & "'",
cn)
        MessageBox.Show("Data dengan Nomor Anggota
: " & Na & " telah diubah!")
        Return cmd.ExecuteNonQuery
    End If
End Function
Public Function Hapus() As Integer
    cmd = New OleDbCommand("select * from Anggota
where NoAnggota =" & xNoAnggota & "'", cn)
    baca = cmd.ExecuteReader
    If baca.HasRows = False Then
        MsgBox("Nomor Anggota : " & xNoAnggota & "
Tidak Ada!!", MsgBoxStyle.Information, "pesan!")
    Else

```

```

        MsgBox("Nomor Anggota : " & xNoAnggota & "
Sudah dihapus!!", MsgBoxStyle.Information, "pesan!")
        cmd = New OleDbCommand("delete from Anggota
where NoAnggota='" & xNoAnggota & "'", cn)
        Return cmd.ExecuteNonQuery
    End If
End Function
Public Sub showdata()
    x = 1
    cmd = New OleDbCommand("select * from Anggota
order by NoAnggota asc", cn)
    baca = cmd.ExecuteReader
    FAnggota.ListView1.Items.Clear()
    While baca.Read
        FAnggota.ListView1.Items.Add((x).ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("NoAnggota").ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("NmAnggota").ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("TmptLhr").ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("Tgllhr").ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("JK").ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("Almt").ToString)
        FAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("Tlp").ToString)
        x = x + 1
    End While
End Sub
Public Sub oto()
    cmd = New OleDbCommand("select * from Anggota
order by NoAnggota Desc", cn)
    baca = cmd.ExecuteReader
    If baca.Read Then
        tmpnil = Mid(baca.Item("NoAnggota"), 4, 3)
    Else
        xNoAnggota = "AP-001"
        If baca.IsClosed = False Then baca.Close()
        Exit Sub
    End If
    tmpnil = Val(tmpnil) + 1
    xNoAnggota = "AP-" & Mid("000", 2, 3 -
tmpnil.Length) & tmpnil
    If baca.IsClosed = False Then baca.Close()

```

```

End Sub
Public Sub Tampil()
    cmd = New OleDbCommand("select * from Anggota
where NoAnggota = '" & xNoAnggota & "'", cn)
    baca = cmd.ExecuteReader
    If baca.HasRows Then
        baca.Read()
        xNoAnggota = baca.Item(0)
        xNmAnggota = baca.Item(1)
        xTmptLhr = baca.Item(2)
        xTglLhr = baca.Item(3)
        xJK = baca.Item(4)
        xAlmt = baca.Item(5)
        xTlp = baca.Item(6)
    End If
End Sub
Public Function CariAnggota(ByVal XNmAnggota As
String) As Integer
    x = 1
    cmd = New OleDbCommand("select * from Anggota
where NmAnggota like '%" & XNmAnggota & '%" order by
NoAnggota", cn)
    baca = cmd.ExecuteReader
    FCariAnggota.ListView1.Items.Clear()
    While baca.Read

FCariAnggota.ListView1.Items.Add(baca.Item("NoAnggota")
.ToString)
        FCariAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("NmAnggota").ToString)
        FCariAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("TmptLhr").ToString)
        FCariAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("TglLhr").ToString)
        FCariAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("JK").ToString)
        FCariAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("Almt").ToString)
        FCariAnggota.ListView1.Items(x -
1).SubItems.Add(baca.Item("Tlp").ToString)
        x = x + 1
    End While
    cmd.Dispose()
    baca.Close()
End Function
End Class

```

Class Buku

```
Imports System.Data.OleDb
Imports System.Data
Public Class CBuku
    Private xKdBuku As String
    Private xJdlBuku As String
    Private xPengarang As String
    Private xPenerbit As String
    Private xTmptTerbit As String
    Private xJmlhCopy As String

    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader
    Dim baris As Boolean
    Dim x As Integer

    Public Property KdBuku() As String
        Get
            Return xKdBuku
        End Get
        Set(ByVal value As String)
            xKdBuku = value
        End Set
    End Property
    Public Property JdlBuku() As String
        Get
            Return xJdlBuku
        End Get
        Set(ByVal value As String)
            xJdlBuku = value
        End Set
    End Property
    Public Property Pengarang() As String
        Get
            Return xPengarang
        End Get
        Set(ByVal value As String)
            xPengarang = value
        End Set
    End Property
    Public Property Penerbit() As String
        Get
            Return xPenerbit
        End Get
        Set(ByVal value As String)
            xPenerbit = value
        End Set
    End Property
End Class
```

```

        End Set
    End Property
    Public Property TmptTerbit() As String
        Get
            Return xTmptTerbit
        End Get
        Set(ByVal value As String)
            xTmptTerbit = value
        End Set
    End Property
    Public Property JmlhCopy() As String
        Get
            Return xJmlhCopy
        End Get
        Set(ByVal value As String)
            xJmlhCopy = value
        End Set
    End Property
    Public Function Simpan(ByVal KB As String) As
Integer
        cmd = New OleDbCommand("select * from Buku
where KdBuku='" & KB & "'", cn)
        baca = cmd.ExecuteReader
        baris = False
        If baca.HasRows = True Then
            MsgBox("Kode Buku : " & KB & " Sudah pernah
disimpan")
        Else
            cmd = New OleDbCommand("INSERT INTO
Buku(KdBuku,JdlBuku,Pengarang,Penerbit,TmptTerbit,JmlhC
opy)" & _
                "values('" & KB &
                "','" & xJdlBuku & "','" & xPengarang & "','" &
                xPenerbit & "','" & xTmptTerbit & "','" & xJmlhCopy &
                "')" , cn)
            MessageBox.Show("Data dengan Kode Buku : "
& KB & " sudah tersimpan!")
            Return cmd.ExecuteNonQuery
        End If
    End Function
    Public Function Ubah(ByVal KB As String) As Integer
        cmd = New OleDbCommand("select * from Buku
where KdBuku =' " & KB & "'", cn)
        baca = cmd.ExecuteReader
        baris = False
        If baca.HasRows = True Then

```

```

        cmd = New OleDbCommand("Update Buku set
JdlBuku='" & xJdlBuku & "',Pengarang='" & xPengarang &
"',Penerbit='" & xPenerbit & "',TmptTerbit='" &
xTmptTerbit & "',JmlhCopy='" & xJmlhCopy & "' where
KdBuku='" & KB & "'", cn)
        MessageBox.Show("Data dengan Kode Buku : "
& KB & " Sudah diubah ")
        Return cmd.ExecuteNonQuery
    End If
End Function
Public Function Hapus() As Integer
    cmd = New OleDbCommand("select * from Buku
where KdBuku = '" & xKdBuku & "'", cn)
    baca = cmd.ExecuteReader
    If baca.HasRows = False Then
        MsgBox("Kode Buku : " & xKdBuku & " Tidak
ada", MsgBoxStyle.Information, "pesan")
    Else
        MsgBox("Kode Buku : " & xKdBuku & " Sudah
dihapus", MsgBoxStyle.Information, "pesan")
        cmd = New OleDbCommand("delete from Buku
where KdBuku='" & xKdBuku & "'", cn)
        Return cmd.ExecuteNonQuery
    End If
End Function
Public Function Batal() As Integer
    KdBuku = ""
    JdlBuku = ""
    Pengarang = ""
    Penerbit = ""
    TmptTerbit = ""
    JmlhCopy = ""
End Function
Public Sub showdata()
    x = 1
    cmd = New OleDbCommand("select * from Buku
order by KdBuku asc", cn)
    baca = cmd.ExecuteReader
    FBuku.ListView1.Items.Clear()
    While baca.Read
        FBuku.ListView1.Items.Add((x).ToString)
        FBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("KdBuku").ToString)
        FBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("JdlBuku").ToString)
        FBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Pengarang").ToString)

```

```

        FBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Penerbit").ToString)
        FBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("TmpTTerbit").ToString)
        FBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("JmlhCopy").ToString)
        x = x + 1
    End While
End Sub
Public Sub Tampil()
    cmd = New OleDbCommand("select * from Buku
where KdBuku='" & xKdBuku & "'", cn)
    baca = cmd.ExecuteReader
    If baca.HasRows = True Then
        baca.Read()
        xKdBuku = baca.Item(0)
        xJdlBuku = baca.Item(1)
        xPengarang = baca.Item(2)
        xPenerbit = baca.Item(3)
        xTmpTTerbit = baca.Item(4)
        xJmlhCopy = baca.Item(5)
    End If
End Sub
Public Function CariBuku(ByVal xJdlBuku As String)
As Integer
    x = 1
    cmd = New OleDbCommand("select * from Buku
where JdlBuku like '%" & xJdlBuku & '%" order by
KdBuku", cn)
    baca = cmd.ExecuteReader
    FCariBuku.ListView1.Items.Clear()
    While baca.Read

FCariBuku.ListView1.Items.Add(baca.Item("KdBuku").ToStr
ing)
        FCariBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("JdlBuku").ToString)
        FCariBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Pengarang").ToString)
        FCariBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Penerbit").ToString)
        FCariBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("TmpTTerbit").ToString)
        FCariBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("JmlhCopy").ToString)
        x = x + 1
    End While

```

```
        cmd.Dispose()  
        baca.Close()  
    End Function  
End Class
```

Class Copy Buku

```
Imports System.Data.OleDb  
Imports System.Data  
Public Class CCopyBuku  
    Private xKdCopyBuku As String  
    Private xCetakan As String  
    Private xTahunTerbit As String  
    Private xKdBuku As String  
    Private xJdlBuku As String  
    Private xPengarang As String  
    Private xPenerbit As String  
    Private xTmpTTerbit As String  
  
    Dim cmd As OleDbCommand  
    Dim baca As OleDbDataReader  
    Dim baris As Boolean  
    Dim x As Integer  
  
    Public Property KdCopyBuku() As String  
        Get  
            Return xKdCopyBuku  
        End Get  
        Set(ByVal value As String)  
            xKdCopyBuku = value  
        End Set  
    End Property  
    Public Property Cetakan() As String  
        Get  
            Return xCetakan  
        End Get  
        Set(ByVal value As String)  
            xCetakan = value  
        End Set  
    End Property  
    Public Property TahunTerbit() As String  
        Get  
            Return xTahunTerbit  
        End Get  
        Set(ByVal value As String)
```



```

        xTahunTerbit = value
    End Set
End Property
Public Property KdBuku() As String
    Get
        Return xKdBuku
    End Get
    Set(ByVal value As String)
        xKdBuku = value
    End Set
End Property
Public Property JdlBuku() As String
    Get
        Return xJdlBuku
    End Get
    Set(ByVal value As String)
        xJdlBuku = value
    End Set
End Property
Public Property Pengarang() As String
    Get
        Return xPengarang
    End Get
    Set(ByVal value As String)
        xPengarang = value
    End Set
End Property
Public Property Penerbit() As String
    Get
        Return xPenerbit
    End Get
    Set(ByVal value As String)
        xPenerbit = value
    End Set
End Property
Public Property TmptTerbit() As String
    Get
        Return xTmptTerbit
    End Get
    Set(ByVal value As String)
        xTmptTerbit = value
    End Set
End Property
Public Function Simpan(ByVal KC As String) As
Integer
    cmd = New OleDbCommand("select * from CopyBuku
where KdCopyBuku='" & KC & "'", cn)

```

```

        baca = cmd.ExecuteReader
        baris = False
        If baca.HasRows = True Then
            MsgBox("Data dengan Kode Copy Buku : " & KC
& " Sudah disimpan!")
        Else
            cmd = New OleDbCommand("insert into
CopyBuku(KdCopyBuku,Cetakan,TahunTerbit,KdBuku)" & _
            "Values('" & KC &
            "','" & Cetakan & "','" & TahunTerbit & "','" & KdBuku
            & "')", cn)
            MessageBox.Show("Data dengan Kode Copy Buku
: " & KC & " sudah tersimpan!")
            Return cmd.ExecuteNonQuery
        End If
    End Function
    Public Function Ubah(ByVal KC As String) As Integer
        cmd = New OleDbCommand("select * from CopyBuku
where KdCopyBuku='" & KC & "'", cn)
        baca = cmd.ExecuteReader
        baris = False
        If baca.HasRows = True Then
            cmd = New OleDbCommand("update CopyBuku set
Cetakan='" & xCetakan & "',TahunTerbit = '" &
xTahunTerbit & "',KdBuku='" & xKdBuku & "' where
KdCopyBuku='" & KC & "'", cn)
            MessageBox.Show("Data dengan kode Copy Buku
: " & KC & " sudah diubah!")
            Return cmd.ExecuteNonQuery
        End If
    End Function
    Public Function Hapus() As Integer
        cmd = New OleDbCommand("select * from CopyBuku
where KdCopyBuku = '" & xKdCopyBuku & "'", cn)
        baca = cmd.ExecuteReader
        If baca.HasRows = False Then
            MsgBox("Kode Copy Buku : " & KdCopyBuku & "
Tidak Ada", MsgBoxStyle.OkCancel, "pesan")
        Else
            MsgBox("Kode Copy Buku : " & KdCopyBuku & "
Sudah dihapus", MsgBoxStyle.OkOnly, "Pesan")
            cmd = New OleDbCommand("delete from
CopyBuku where KdCopyBuku= '" & xKdCopyBuku & "'", cn)
            Return cmd.ExecuteNonQuery
        End If
    End Function
    Public Function Batal() As Integer

```

```

KdCopyBuku = ""
Cetakan = ""
TahunTerbit = ""
KdBuku = ""
JdlBuku = ""
Pengarang = ""
Penerbit = ""
TmptTerbit = ""
End Function
Public Sub Tampil()
    cmd = New OleDbCommand("select * from QCB1
where KdCopyBuku='" & xKdCopyBuku & "'", cn)
    baca = cmd.ExecuteReader
    If baca.HasRows = True Then
        baca.Read()
        xKdCopyBuku = baca.Item(0)
        xCetakan = baca.Item(1)
        xTahunTerbit = baca.Item(2)
        xKdBuku = baca.Item(3)
        xJdlBuku = baca.Item(4)
        xPengarang = baca.Item(5)
        xPenerbit = baca.Item(6)
        xTmptTerbit = baca.Item(7)
    End If
End Sub
Public Sub TampilCopyBuku()
    cmd = New OleDbCommand("select * from QCB1
where KdCopyBuku='" & xKdCopyBuku & "'", cn)
    baca = cmd.ExecuteReader
    If baca.HasRows = True Then
        baca.Read()
        xKdCopyBuku = baca.Item(0)
        xKdBuku = baca.Item(3)
        xJdlBuku = baca.Item(4)
        xPengarang = baca.Item(5)
        xPenerbit = baca.Item(6)
    Else
        MsgBox("kode copy buku : " & xKdCopyBuku &
" Tidak Ada dalam database", MsgBoxStyle.Information,
"pesan")
    End If
End Sub

Public Sub showdata()
    x = 1

```

```

        cmd = New OleDbCommand("select * from QCB1
order by KdCopyBuku asc", cn)
        baca = cmd.ExecuteReader
        FCopyBuku.ListView1.Items.Clear()
        While baca.Read
            FCopyBuku.ListView1.Items.Add((x).ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("KdCopyBuku").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Cetakan").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("TahunTerbit").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("KdBuku").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("JdlBuku").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Pengarang").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("Penerbit").ToString)
            FCopyBuku.ListView1.Items(x -
1).SubItems.Add(baca.Item("TmptTerbit").ToString)

            x = x + 1
        End While
    End Sub
End Class

```

Class Kembali

```

Imports System.Data.OleDb
Imports System.Data
Public Class CKembali
    Private xket As String
    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader
    Public Property Ket() As String
        Get
            Return xket
        End Get
        Set(ByVal value As String)
            xket = value
        End Set
    End Property
    Public Function Simpan(ByVal xNP As String, ByVal
xKCB As String) As Integer

```

```

        cmd = New OleDbCommand("insert into
Kembali(NoKembali,KdCopyBuku,Ket)" & _
                                "values('" & xNP & "','"
& xKCB & "','" & xket & "')"", cn)
        Return cmd.ExecuteNonQuery()
    End Function
End Class

```

Class Peminjaman

```

Imports System.Data.OleDb
Imports System.Data
Public Class CPeminjaman
    Private xNoPinjam As String
    Private xTglPinjam As Date

    Dim objanggota As New CAnggota
    Dim objCBuku As New CCopyBuku
    Dim objpinjam As New CPinjam
    Public nm As String
    Public alm As String
    Public tglhrskbli As Date
    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader
    Dim baris As Boolean
    Dim tmpnil As String = ""
    Dim x As Integer

    Public Property NoPinjam() As String
        Get
            Return xNoPinjam
        End Get
        Set(ByVal value As String)
            xNoPinjam = value
        End Set
    End Property
    Public Property TglPinjam() As Date
        Get
            Return xTglPinjam
        End Get
        Set(ByVal value As Date)
            xTglPinjam = value
        End Set
    End Property

```

```

    Public Function Simpan(ByVal NA As String) As
Integer
        cmd = New OleDbCommand("insert into
Peminjaman(NoPinjam,TglPinjam,NoAnggota)" & _
            "values('" & xNoPinjam &
            "','" & xTglPinjam & "','" & NA & "')", cn)
        MessageBox.Show("Data Peminjaman dengan Nomor
Pinjam : " & xNoPinjam & " sudah tersimpan!")
        Return cmd.ExecuteNonQuery
        Call oto()
    End Function
    Public Sub oto()
        cmd = New OleDbCommand("select * from
Peminjaman order by NoPinjam Desc", cn)
        baca = cmd.ExecuteReader
        If baca.Read Then
            tmpnil = Mid(baca.Item("NoPinjam"), 4, 3)
        Else
            xNoPinjam = "NP-001"
            If baca.IsClosed = False Then baca.Close()
            Exit Sub
        End If
        tmpnil = Val(tmpnil) + 1
        xNoPinjam = "NP-" & Mid("000", 1, 3 -
tmpnil.Length) & tmpnil
        If baca.IsClosed = False Then baca.Close()

        End Sub
        Public Sub PilihCBAnggota()
            cmd = New OleDbCommand("select * from Anggota
order by NoAnggota asc", cn)
            baca = cmd.ExecuteReader
            FPeminjaman.CB.Items.Clear()
            While baca.Read

FPeminjaman.CB.Items.Add(baca.Item("NoAnggota").ToStrin
g)

                End While
            End Sub
            Public Sub TampilDataPeminjaman()
                cmd = New OleDbCommand("select distinct
nopinjam,TglHrsKbli,NmAnggota, Almt from QPeminjaman
where NoPinjam='" & xNoPinjam & "'", cn)
                baca = cmd.ExecuteReader
                If baca.HasRows = True Then
                    baca.Read()
                    xNoPinjam = baca.Item(0)

```

```

        tglhrskbli = baca.Item(1)
        nm = baca.Item(2)
        alm = baca.Item(3)

    Else
        MsgBox("Nomor Peminjaman : " & xNoPinjam &
" Tidak Ada dalam database", MsgBoxStyle.Information,
"pesan")
        xNoPinjam = baca.Item(0)

    End If
End Sub

End Class

```

Class Pengembalian

```

Imports System.Data.OleDb
Imports System.Data
Public Class CPengembalian
    Private xNoKembali As String
    Private xTglKembali As Date
    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader
    Dim baris As Boolean
    Dim tmpnil As String = ""
    Dim x As Integer
    Public Property NoKembali() As String
        Get
            Return xNoKembali
        End Get
        Set(ByVal value As String)
            xNoKembali = value
        End Set
    End Property
    Public Property TglKembali() As Date
        Get
            Return xTglKembali
        End Get
        Set(ByVal value As Date)
            xTglKembali = value
        End Set
    End Property
    Public Function Simpan(ByVal NP As String) As
Integer

```

```

        cmd = New OleDbCommand("insert into
Pengembalian(NoKembali,TglKembali,NoPinjam)" & _
        "values('" & xNoKembali
& "',''" & xTglKembali & "',''" & NP & "'")", cn)
        MessageBox.Show("Data Peminjaman dengan Nomor
Pinjam : " & xNoKembali & " sudah tersimpan!")
        Return cmd.ExecuteNonQuery
        Call oto()
    End Function
    Public Sub oto()
        cmd = New OleDbCommand("select * from
Pengembalian order by NoKembali Desc", cn)
        baca = cmd.ExecuteReader
        If baca.Read Then
            tmpnil = Mid(baca.Item("NoKembali"), 4, 3)
        Else
            xNoKembali = "NK-001"
            If baca.IsClosed = False Then baca.Close()
            Exit Sub
        End If
        tmpnil = Val(tmpnil) + 1
        xNoKembali = "NK-" & Mid("000", 1, 3 -
tmpnil.Length) & tmpnil
        If baca.IsClosed = False Then baca.Close()

    End Sub
    'Public Sub PilihKdCopyBuku()
    '    cmd = New OleDbCommand("select * from
QPeminjaman order by NoPinjam asc", cn)
    '    baca = cmd.ExecuteReader
    '    FPengembalian.CB.Items.Clear()
    '    While baca.Read
    '
    FPengembalian.CB.Items.Add(baca.Item("KdCopyBuku").ToSt
ring)
    '    End While
    'End Sub
End Class

```

Class Pinjam

```

Imports System.Data.OleDb
Imports System.Data
Public Class CPinjam
    Private xTglHrsKbl As Date
    Dim cmd As OleDbCommand
    Dim baca As OleDbDataReader

```



```

    Public Property TglHrsKbli() As Date
        Get
            Return xTglHrsKbl
        End Get
        Set(ByVal value As Date)
            xTglHrsKbl = value
        End Set
    End Property
    Public Function Simpan(ByVal xNoPinjam As String,
ByVal xKdCopyBuku As String) As Integer
        cmd = New OleDbCommand("insert into
Pinjam(NoPinjam,KdCopyBuku,TglHrsKbli)" & _
            "values('" & xNoPinjam &
"'','" & xKdCopyBuku & "','" & xTglHrsKbl & "')", cn)
        cmd.ExecuteNonQuery()
    End Function
    Public Function tampilcb(ByVal NPJ As String) As
Integer
        cmd = New OleDbCommand("select * from Pinjam
where NoPinjam = '" & NPJ & "'", cn)
        baca = cmd.ExecuteReader
        FPengembalian.CB.Items.Clear()
        While baca.Read

FPengembalian.CB.Items.Add(baca.Item("KdCopyBuku").ToSt
ring)

            End While
        End Function
End Class

```

Cetak Laporan Peminjaman

```

Imports CrystalDecisions.CrystalReports.Engine
Public Class CLPeminjaman
    Dim objpeminjaman As New ReportDocument
    Private Sub CLPeminjaman_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        objpeminjaman = New CLapPeminjaman
        objpeminjaman.RecordSelectionFormula =
"{QPeminjaman.TglPinjam}>#" & _
            & Format(LapPeminjaman.DT1.Value, "M/d/yy") & "
# " & _
            "And {QPeminjaman.TglPinjam}<=#" &
Format(LapPeminjaman.DT2.Value, "M/d/yy") & "#"
        objpeminjaman.SetParameterValue("TglAwal",
LapPeminjaman.DT1.Text)

```

```

        objpeminjaman.SetParameterValue("TglAkhir",
LapPeminjaman.DT2.Text)
        CrystalReportViewer1.ReportSource =
objpeminjaman
        CrystalReportViewer1.Refresh()
    End Sub
End Class

```

Cetak Laporan Pengembalian

```

Imports CrystalDecisions.CrystalReports.Engine
Public Class CLPengembalian
    Dim objpengembalian As New ReportDocument

    Private Sub CLPengembalian_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        objpengembalian = New CLapPengembalian
        objpengembalian.RecordSelectionFormula =
"{QPengembalian.TglKembali}>#" &
        & Format(LapPengembalian.DT1.Value, "M/d/yy") &
" #" & _
        "And {QPengembalian.TglKembali}<=#" &
Format(LapPengembalian.DT2.Value, "M/d/yy") & "#"
        objpengembalian.SetParameterValue("TglAwal",
LapPengembalian.DT1.Text)
        objpengembalian.SetParameterValue("TglAkhir",
LapPengembalian.DT2.Text)
        CrystalReportViewer1.ReportSource =
objpengembalian
        CrystalReportViewer1.Refresh()
    End Sub
End Class

```