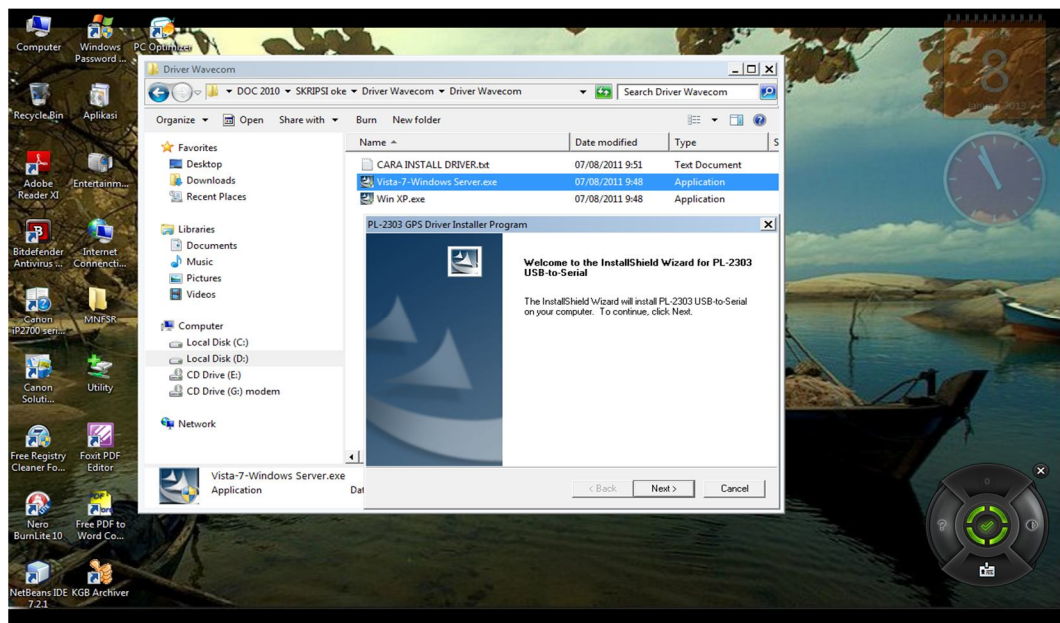


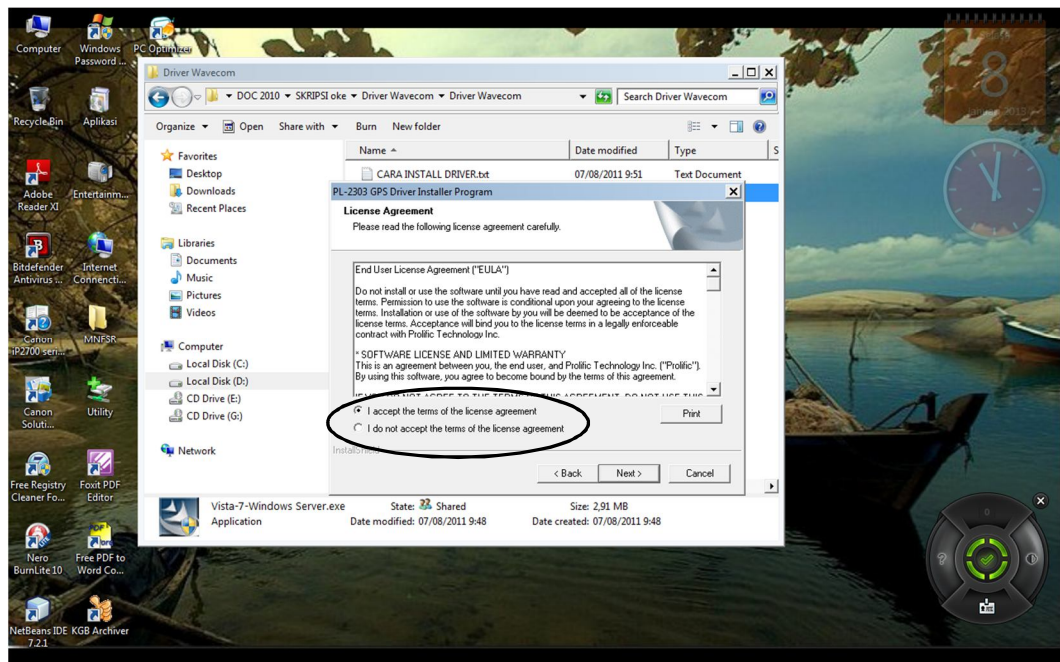
## Instalasi Aplikasi (Software /Perangkat Lunak)

### 1. Instalasi Driver Modem Wavecom Fastrack

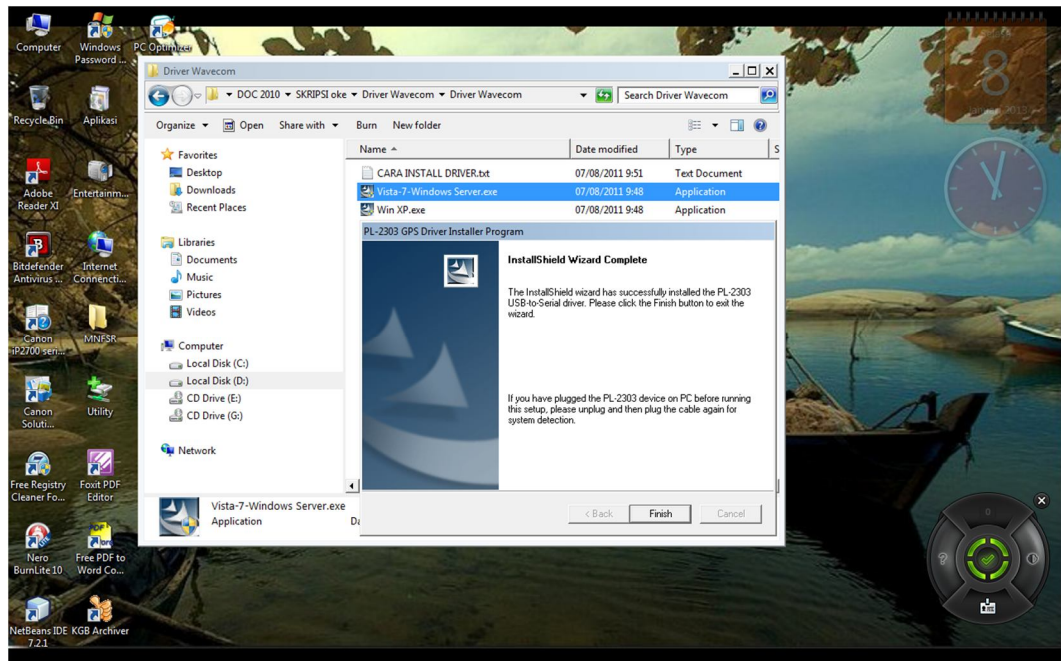
1.1 Install Vista-7-Windows Server.exe (dalam folder Driver Wavecom, sesuaikan dengan OS Window yang dipakai)



### 1.2 Pilih I Accept from License Agreement [NEXT]



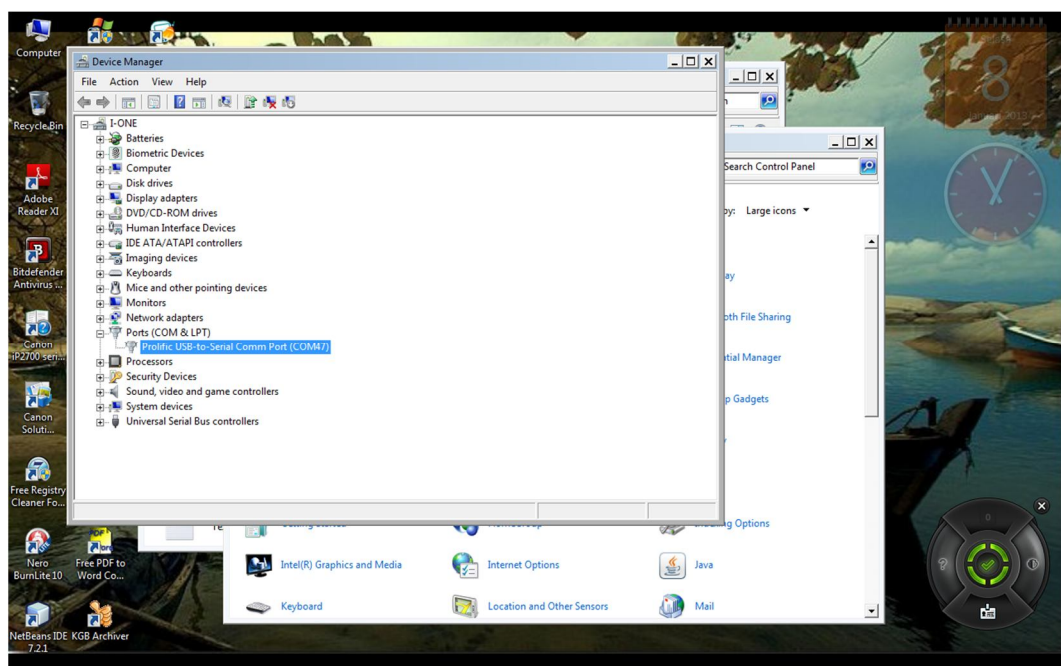
### 1.3 Selesai Install Driver Modem Wavecom [FINISH]



### 1.4 Colokan (pasang) Modem Wavecom pada USB Laptop

### 1.5 Lihat Port USB yang digunakan oleh Modem

*Start – Control Panel – Device Manager – lihat pada Ports (COM&LPT)*

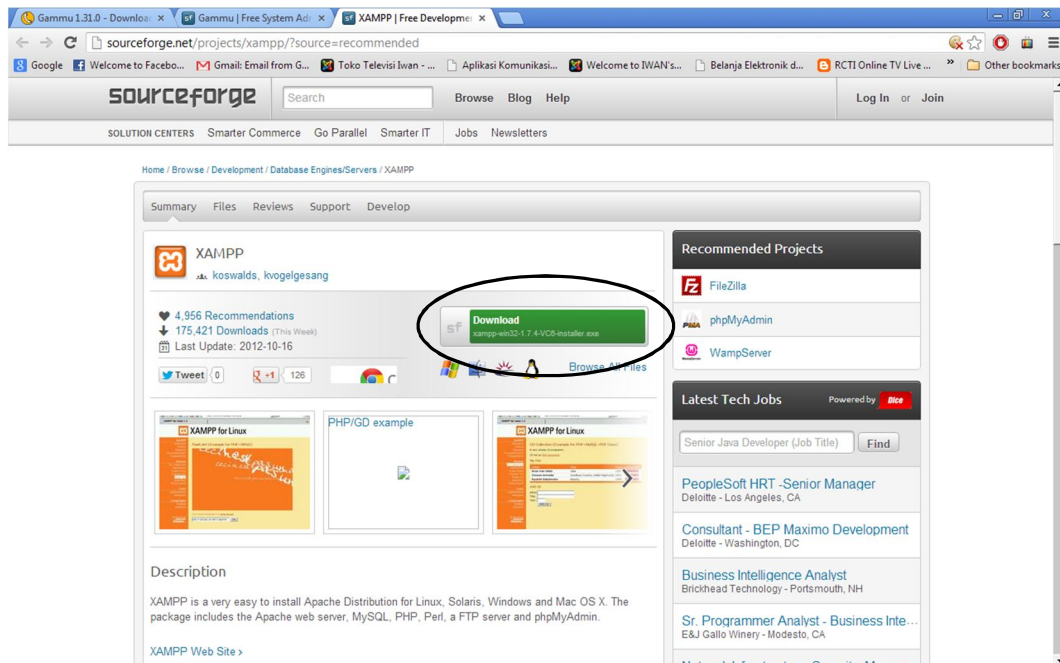


## 2. Installasi XAMPP 1.7.4 Window

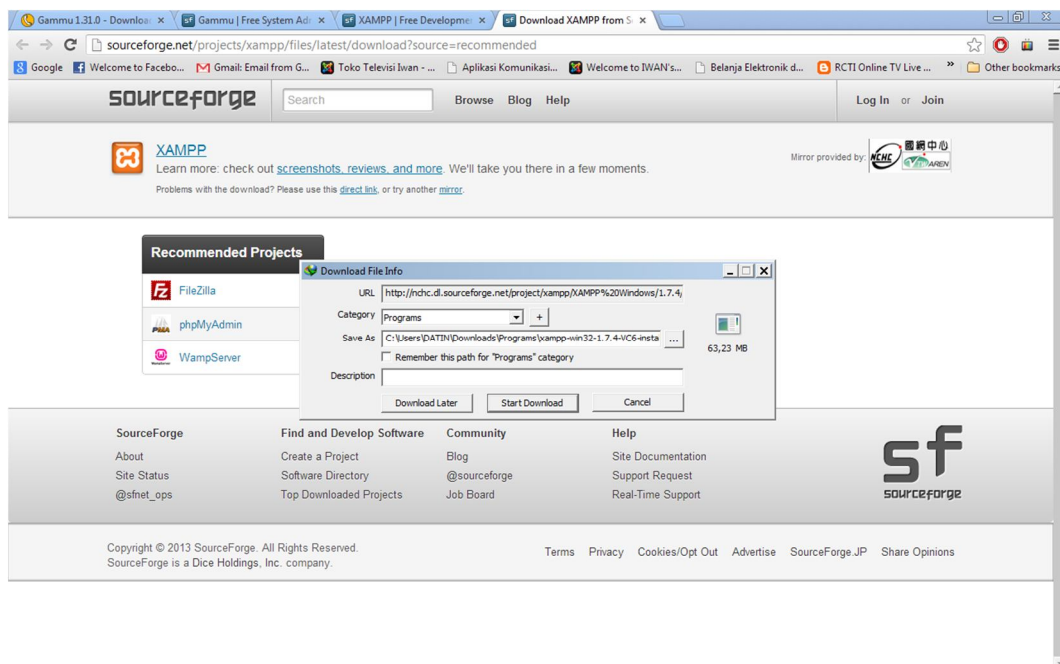
### 2.1 Buka alamat URL :

<http://sourceforge.net/projects/xampp/?source=recommended>

Klik bar icon *Download*



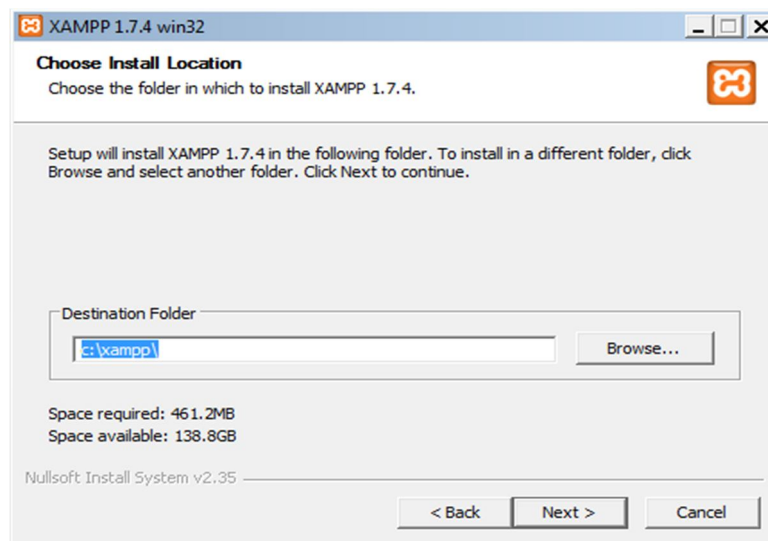
### 2.2 Start Download



### 2.3 Install Xampp 1.7.4 [NEXT>]

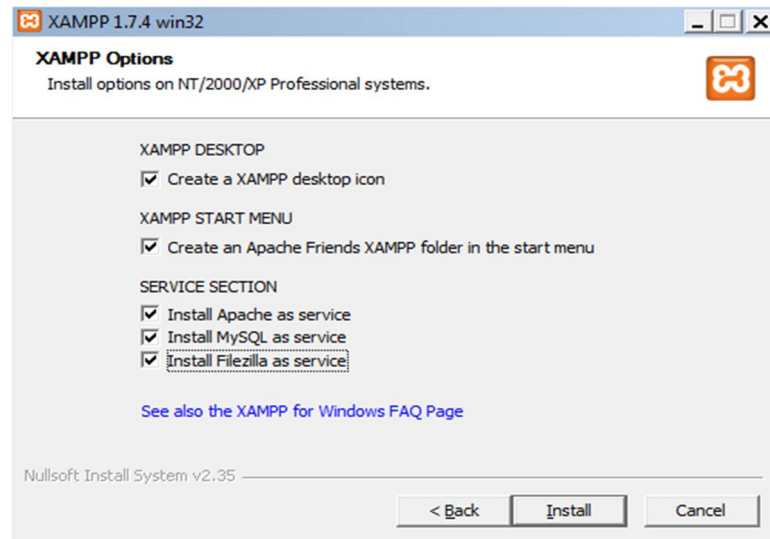


### 2.4 Buat (letakkan) di folder C:\xampp\ [NEXT>]

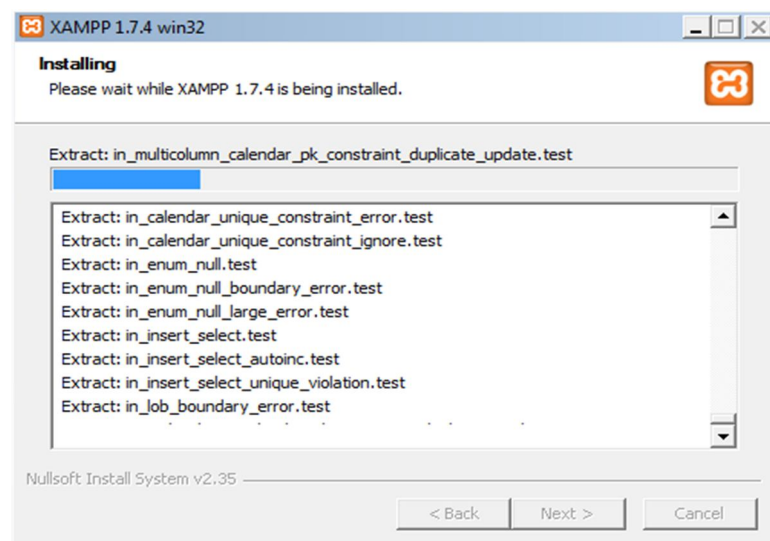




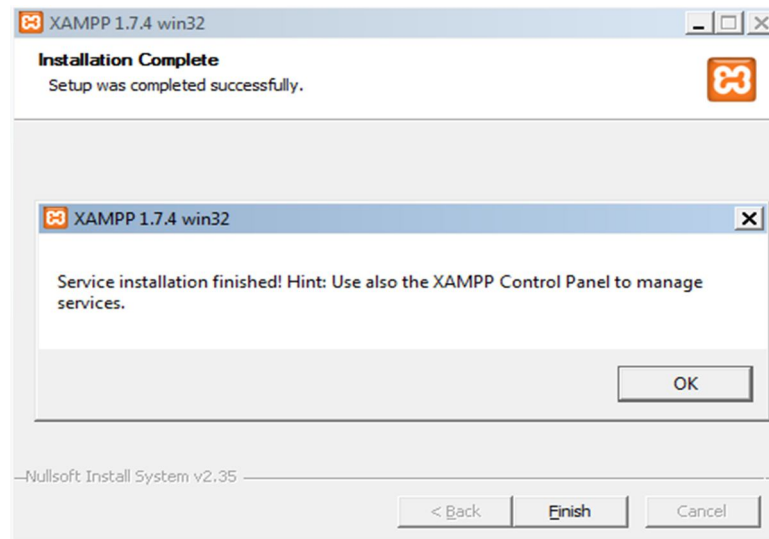
## 2.5 Tentukan Xampp Option [INSTALL]



## 2.6 Proses Instalasi XAMPP 1.7.4 win32



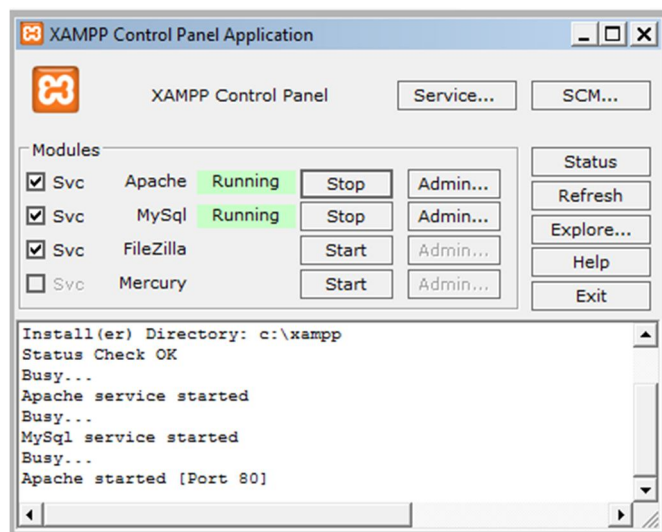
## 2.7 Proses Instalasi selesai [OK]



## 2.8 Menjalankan XAMPP 1.7.4

Folder *C:\xampp\xampp-control.exe* [ENTER]

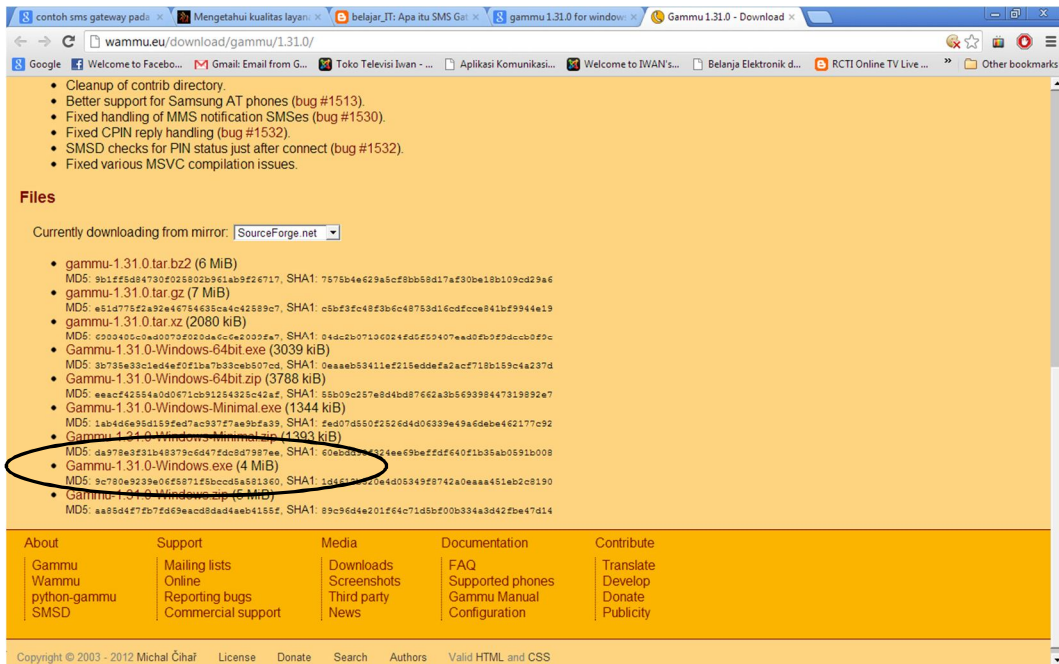
Aktifkan modul Apache dan MySQL



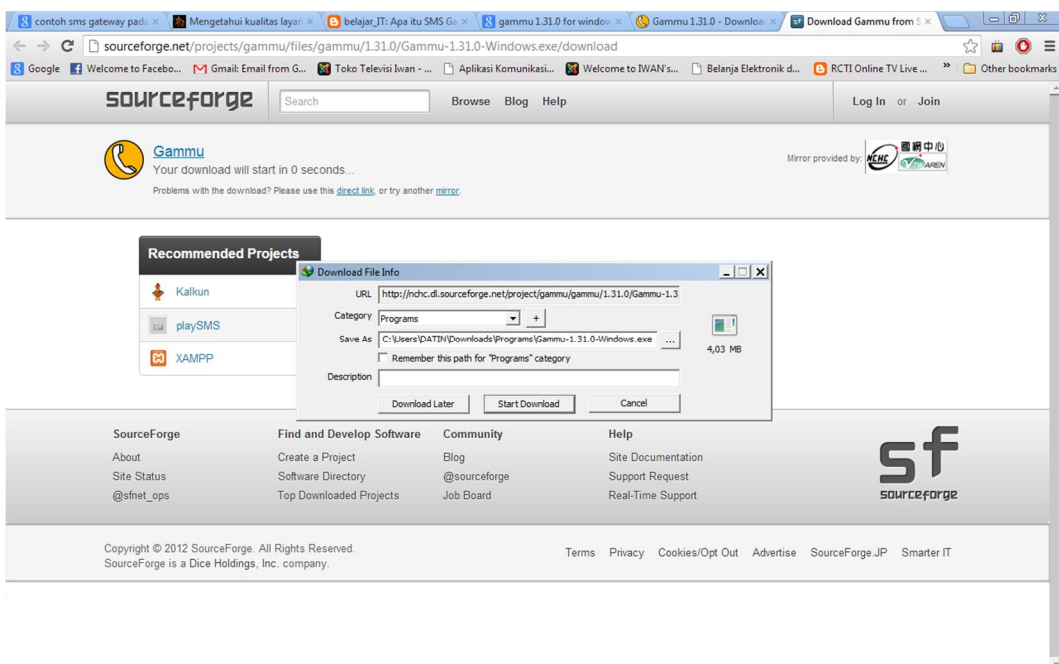
### 3. Installasi Gammu 1.31.0 Windows

3.1 Buka alamat URL : <http://www.wammu.eu/download/gammu/1.31.0/>

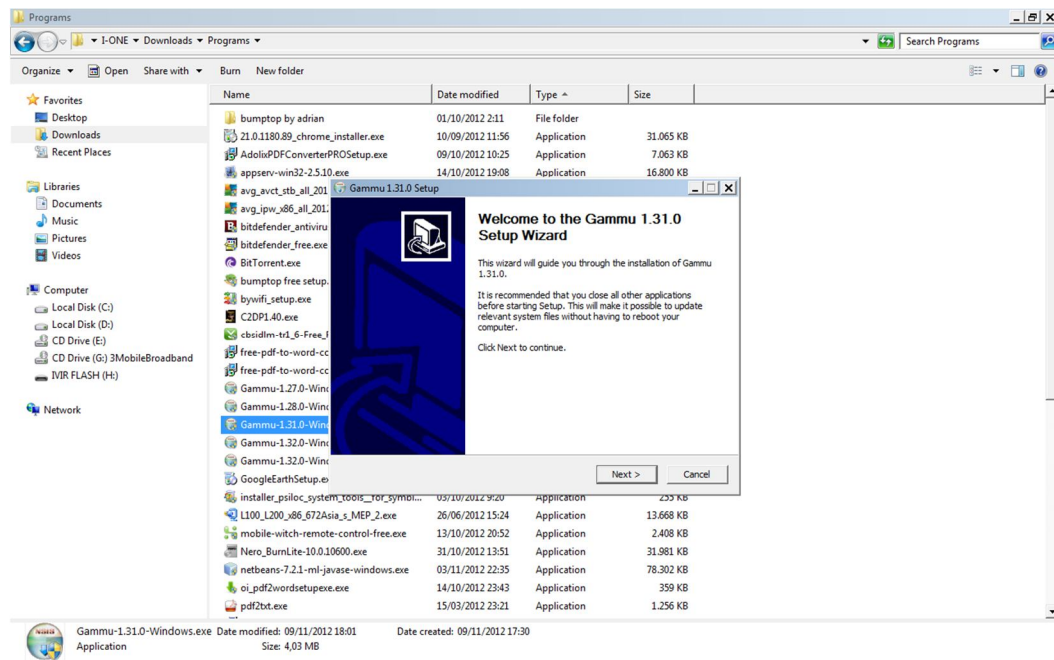
Pilih Gammu-1.31.0-Windows.exe (4 MB)



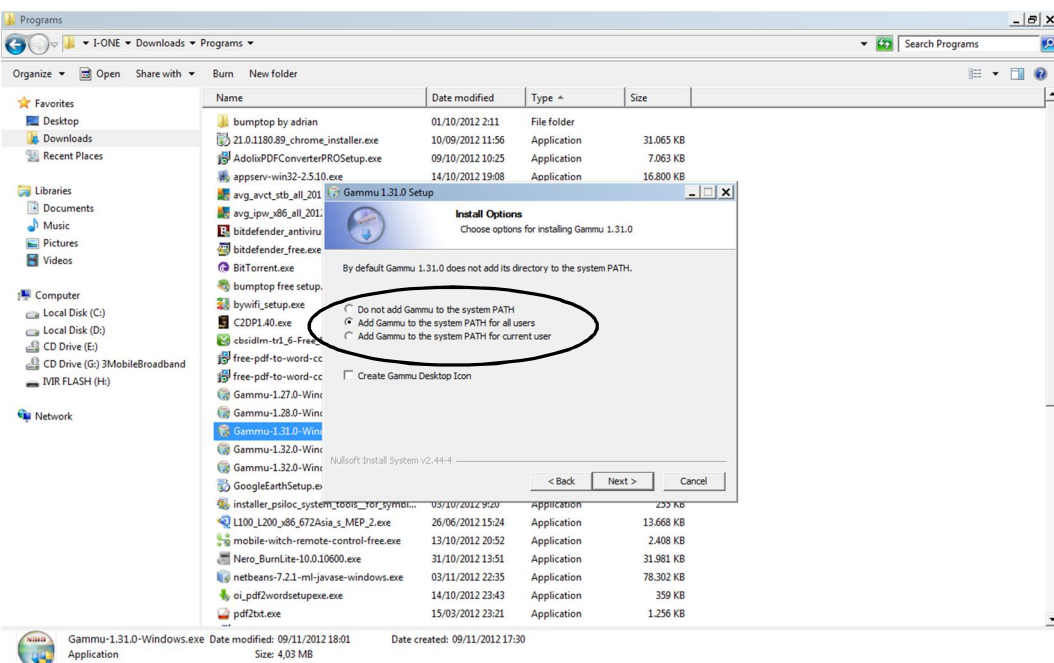
### 3.2 Start Download



### 3.3 Install Gammu-1.31.0-Windows.exe [NEXT>]

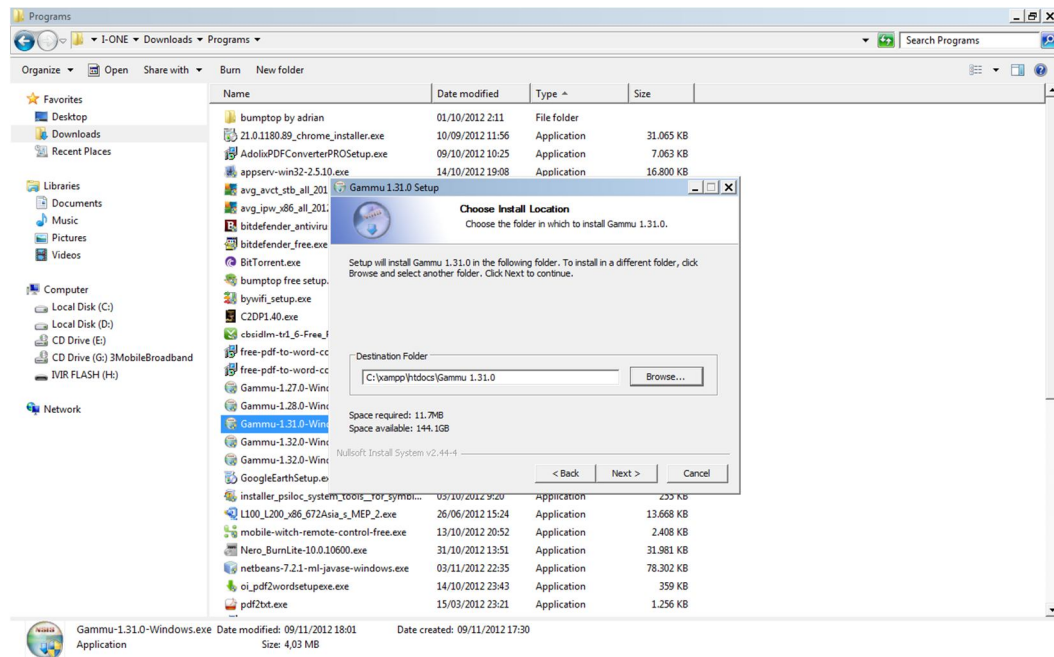


### 3.4 Klik button Add Gammu to the system PATH for all users [NEXT>]

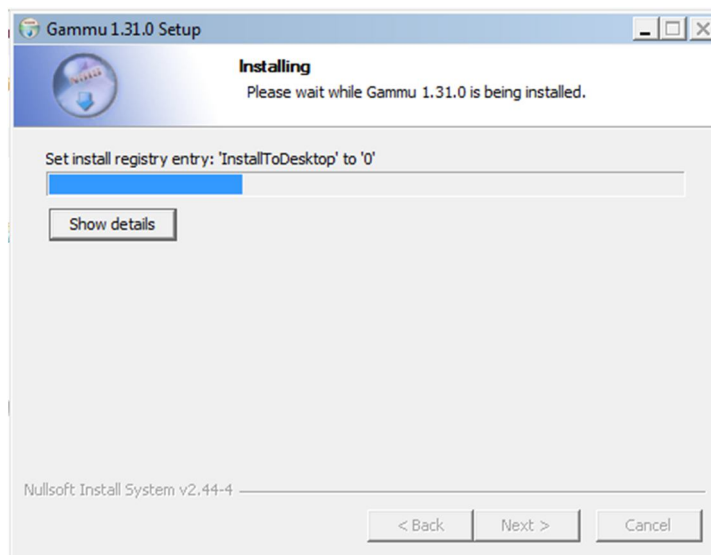




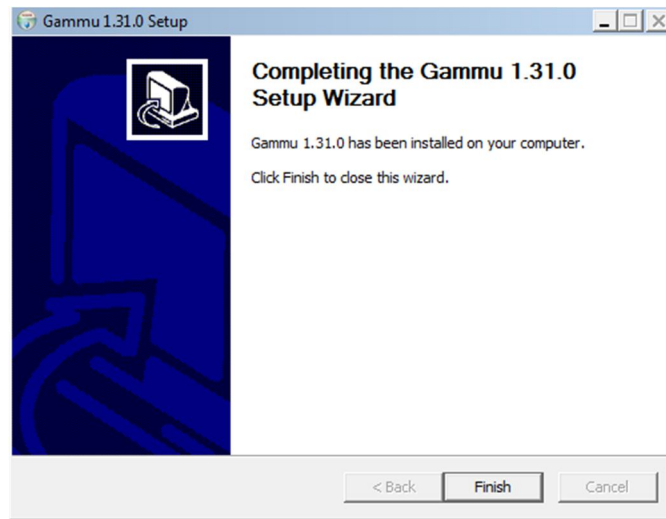
### 3.5 Install ke folder *C:\xampp\htdocs\Gammu 1.31.0* [NEXT>]



### 3.6 Proses Instalasi



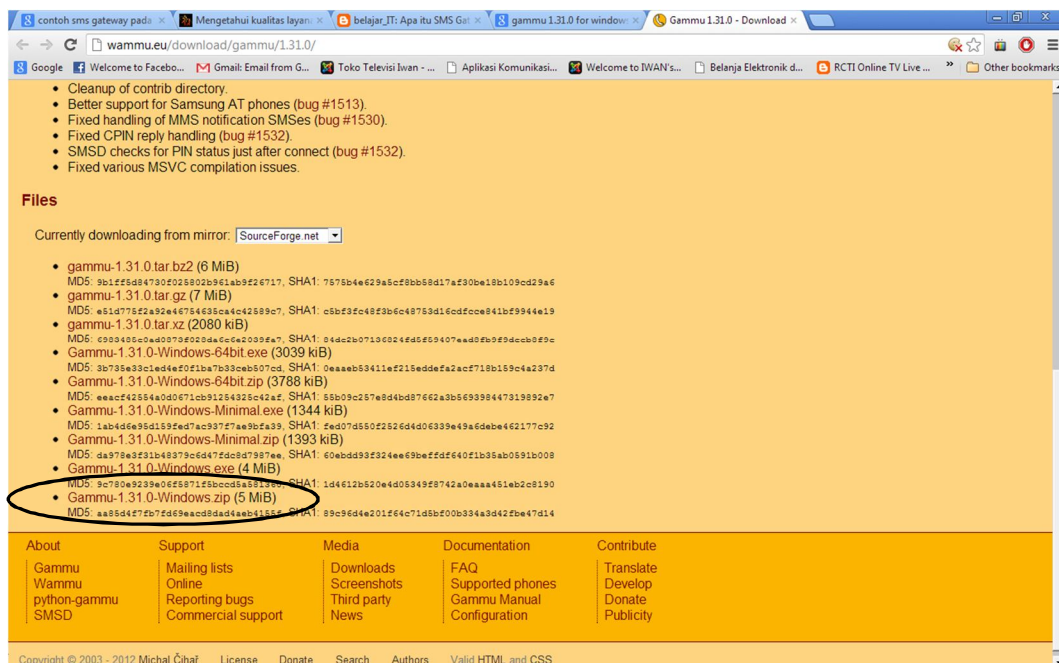
### 3.7 Install Gammu 1.31.0 selesai [FINISH]



### 3.8 Download Gammu 1.31.0 Windows.zip, pada alamat URL yang sama :

<http://www.wammu.eu/download/gammu/1.31.0/>

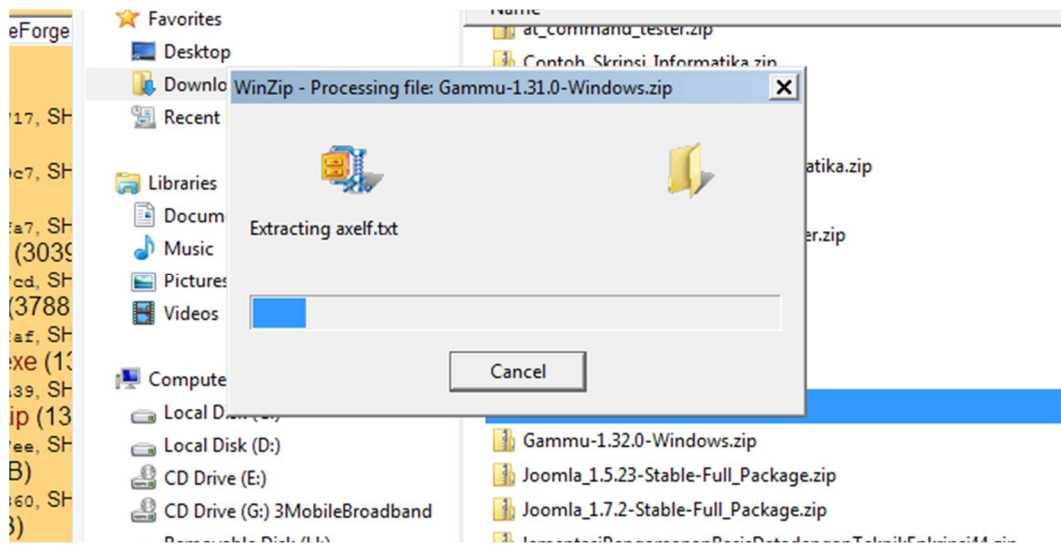
Pilih Gammu-1.31.0-Windows.zip (5 MB)



3.9 Setelah berhasil di Download, ekstrak file tersebut.

File ekstrak ini diperlukan untuk :

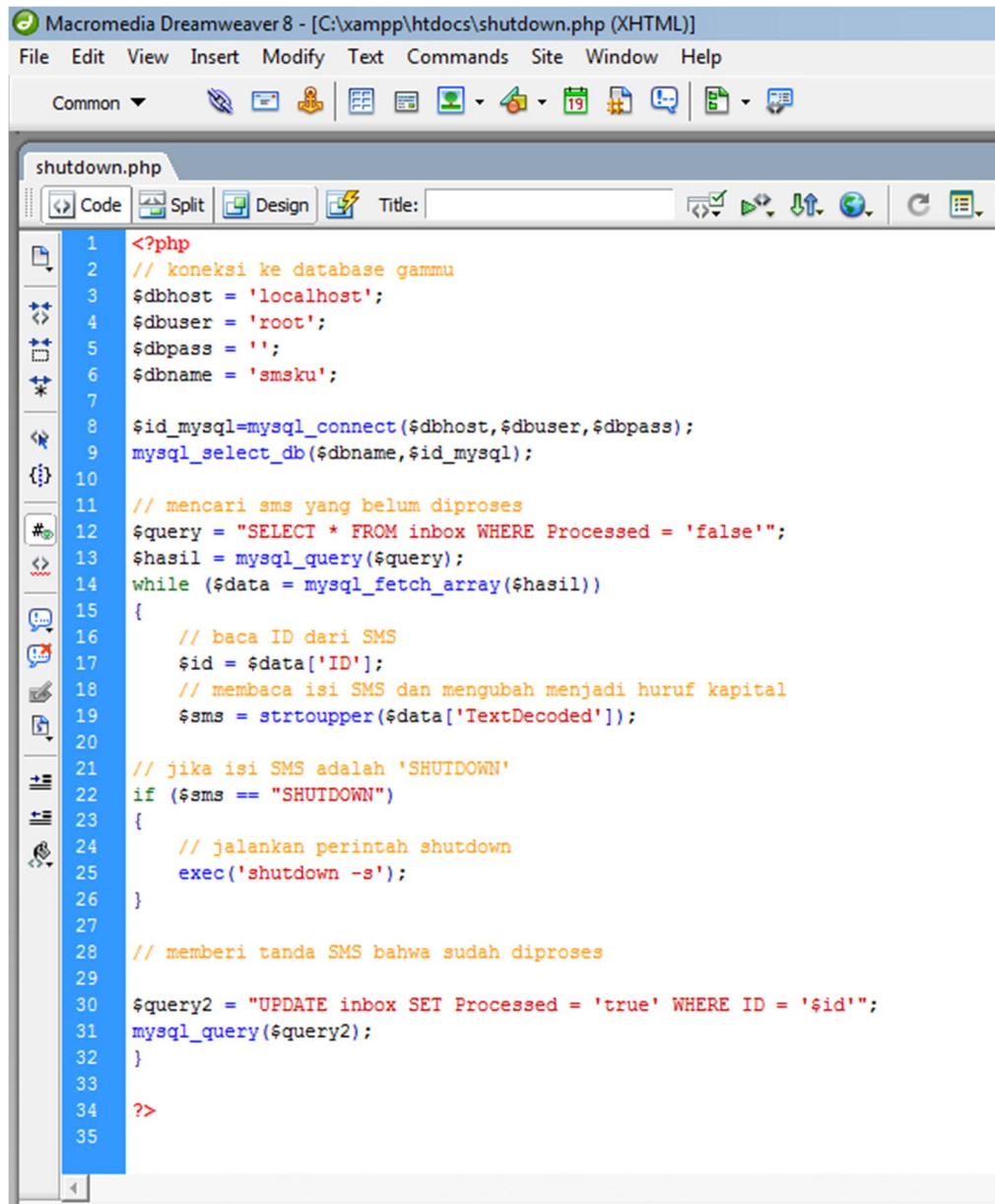
- meng-copy file *gammurc* dan *smsdrc*, yang terdapat pada folder :  
*Gammu-1.31.0-Windows\share\doc\gammu\examples\config\*
- mengambil file *mysql.sql* (tabel database daemon) pada folder :  
*Gammu-1.31.0-Windows\share\doc\gammu\examples\sql\*



## Script Program PHP Dan HTML

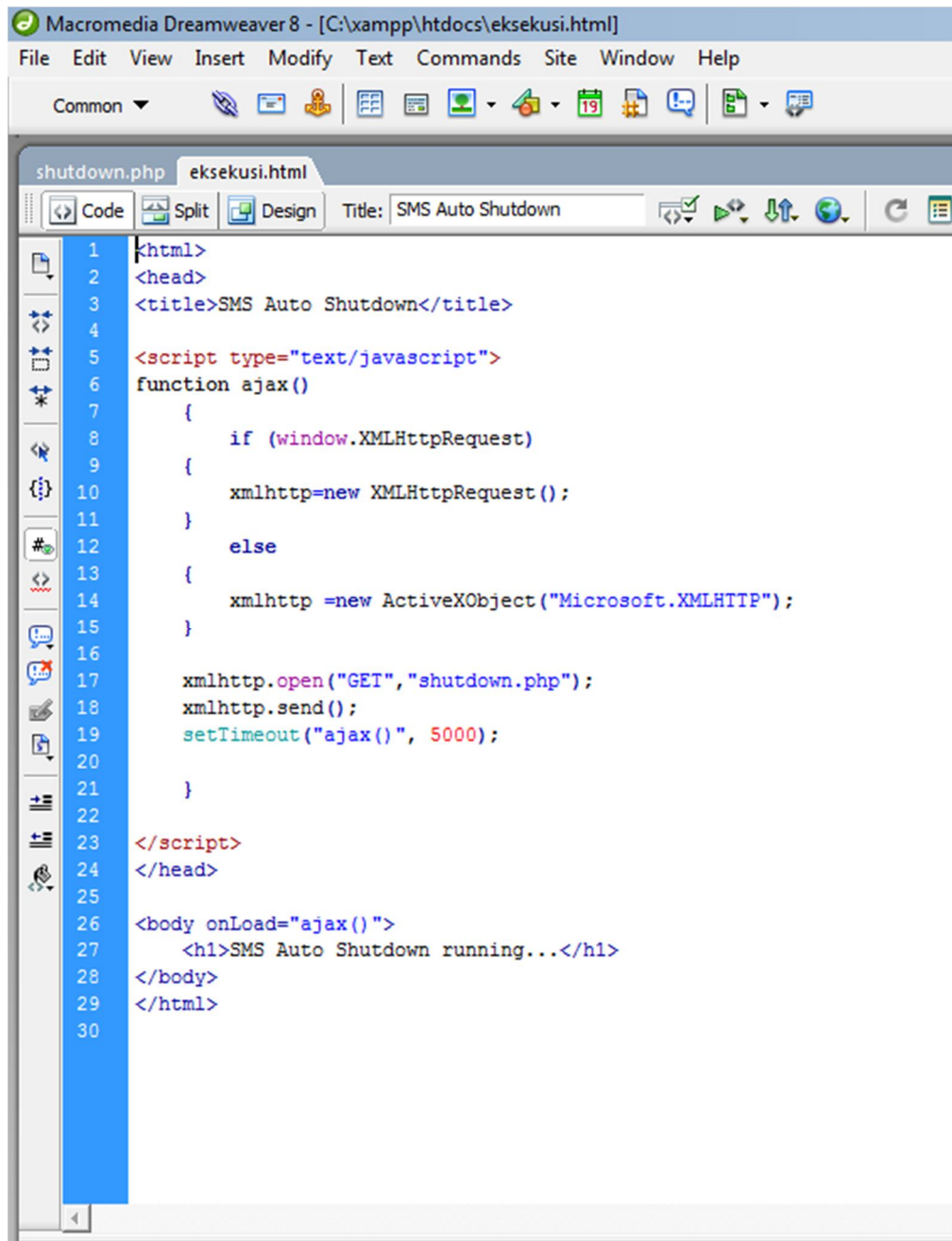
### 1. Script Program Utama

1.1 Script *shutdwon.php* (script program untuk melakukan proses shutdown komputer)



```
1 <?php
2 // koneksi ke database gammu
3 $dbhost = 'localhost';
4 $dbuser = 'root';
5 $dbpass = '';
6 $dbname = 'smsku';
7
8 $id_mysql=mysql_connect($dbhost,$dbuser,$dbpass);
9 mysql_select_db($dbname,$id_mysql);
10
11 // mencari sms yang belum diproses
12 $query = "SELECT * FROM inbox WHERE Processed = 'false'";
13 $hasil = mysql_query($query);
14 while ($data = mysql_fetch_array($hasil))
15 {
16     // baca ID dari SMS
17     $id = $data['ID'];
18     // membaca isi SMS dan mengubah menjadi huruf kapital
19     $sms = strtoupper($data['TextDecoded']);
20
21     // jika isi SMS adalah 'SHUTDOWN'
22     if ($sms == "SHUTDOWN")
23     {
24         // jalankan perintah shutdown
25         exec('shutdown -s');
26     }
27
28     // memberi tanda SMS bahwa sudah diproses
29
30     $query2 = "UPDATE inbox SET Processed = 'true' WHERE ID = '$id'";
31     mysql_query($query2);
32 }
33
34 ?>
```

1.2 Script *eksekusi.html* (script program untuk menjalankan proses autorefreshing program shutdown.php)

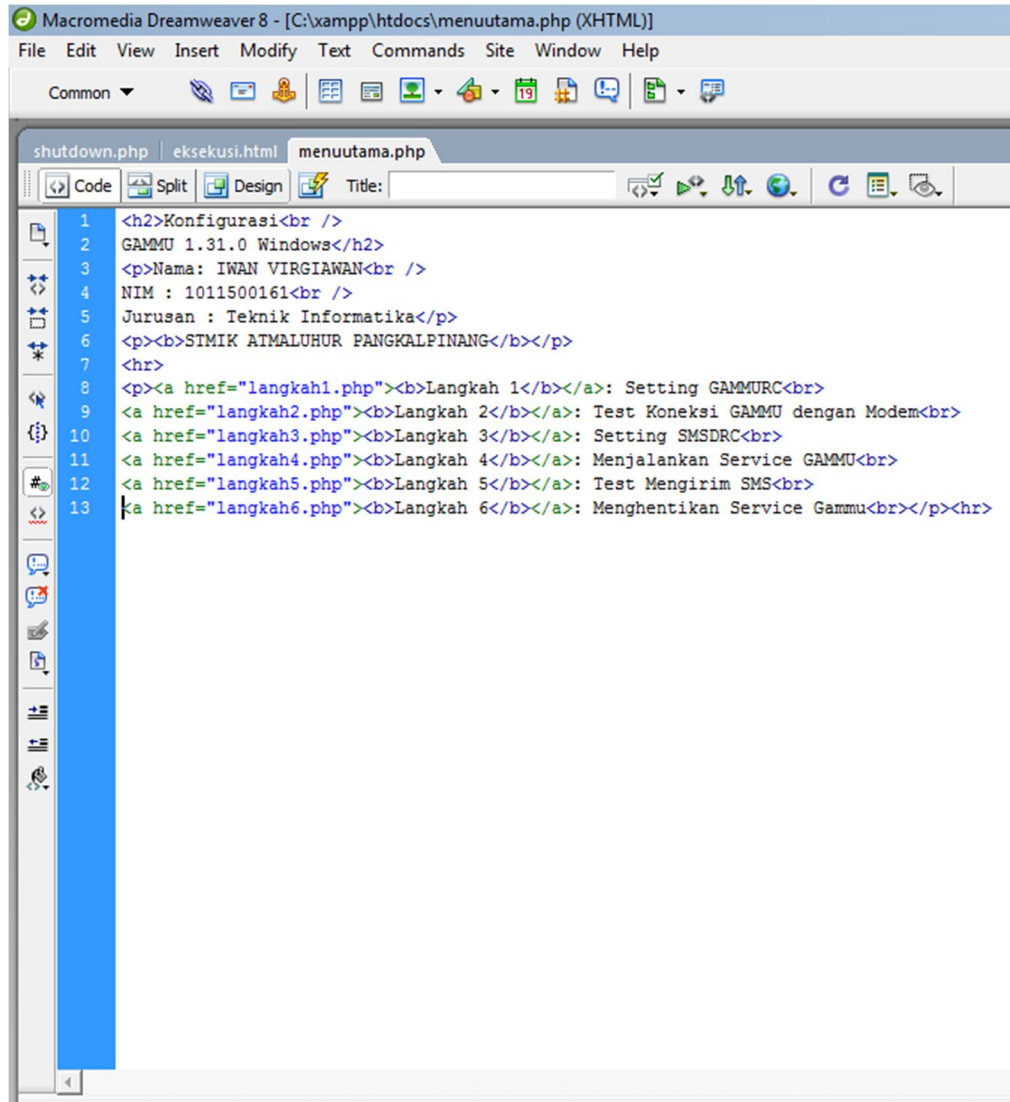


```
Macromedia Dreamweaver 8 - [C:\xampp\htdocs\eksekusi.html]
File Edit View Insert Modify Text Commands Site Window Help
Common
shutdown.php eksekusi.html
Code Split Design Title: SMS Auto Shutdown
1 <html>
2 <head>
3 <title>SMS Auto Shutdown</title>
4
5 <script type="text/javascript">
6 function ajax()
7 {
8     if (window.XMLHttpRequest)
9     {
10        xmlhttp=new XMLHttpRequest();
11    }
12    else
13    {
14        xmlhttp =new ActiveXObject("Microsoft.XMLHTTP");
15    }
16
17    xmlhttp.open("GET","shutdown.php");
18    xmlhttp.send();
19    setTimeout("ajax()", 5000);
20
21 }
22
23 </script>
24 </head>
25
26 <body onLoad="ajax()">
27     <h1>SMS Auto Shutdown running...</h1>
28 </body>
29 </html>
30
```



## 2. Script Program Konfigurasi Gammu 1.31.0

### 2.1 Script *menuutama.php*



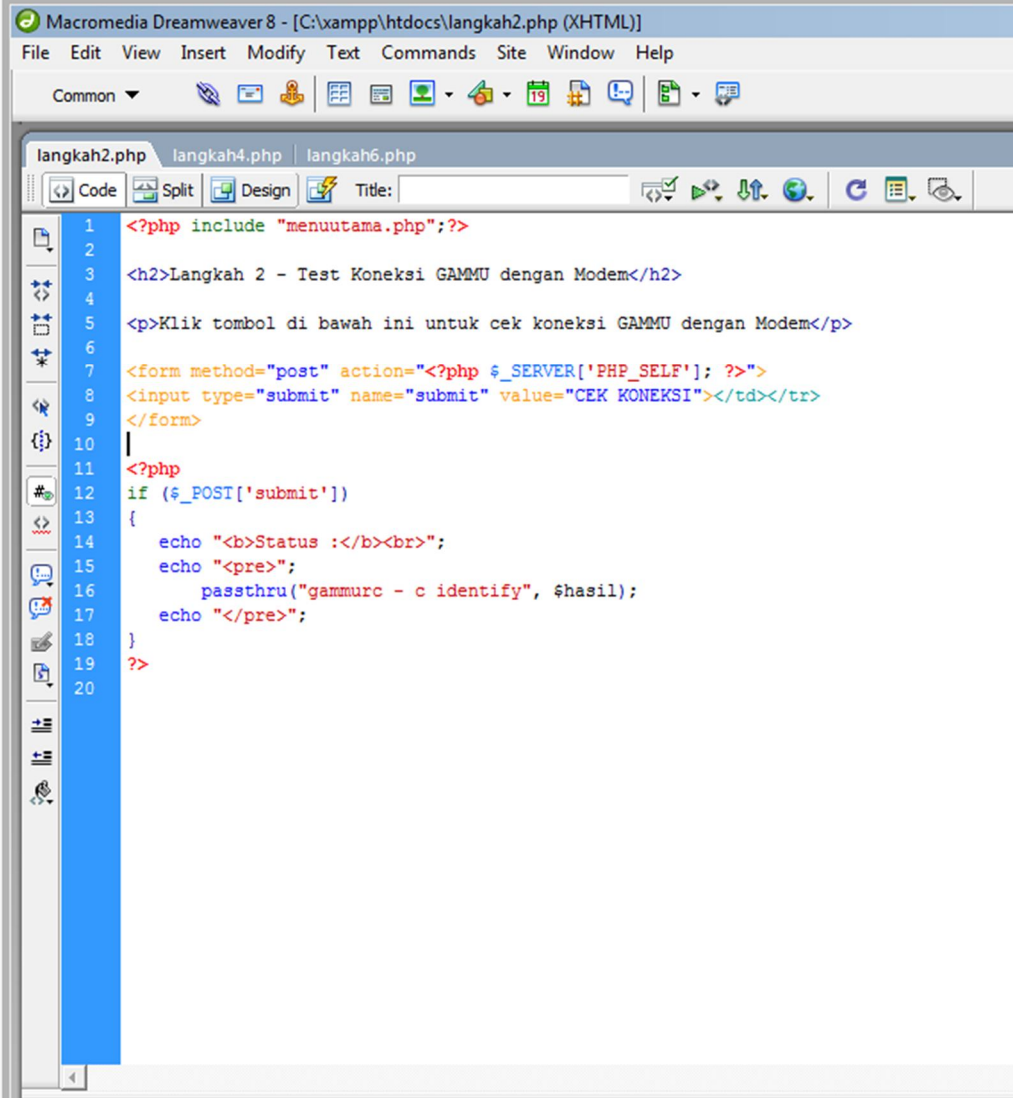
```
1 <h2>Konfigurasi<br />
2 GAMMU 1.31.0 Windows</h2>
3 <p>Nama: IWAN VIRGIAWAN<br />
4 NIM : 1011500161<br />
5 Jurusan : Teknik Informatika</p>
6 <p><b>STMIK ATMALUHUR PANGKALPINANG</b></p>
7 <hr>
8 <p><a href="langkah1.php"><b>Langkah 1</b></a>: Setting GAMMURC<br>
9 <a href="langkah2.php"><b>Langkah 2</b></a>: Test Koneksi GAMMU dengan Modem<br>
10 <a href="langkah3.php"><b>Langkah 3</b></a>: Setting SMSDRC<br>
11 <a href="langkah4.php"><b>Langkah 4</b></a>: Menjalankan Service GAMMU<br>
12 <a href="langkah5.php"><b>Langkah 5</b></a>: Test Mengirim SMS<br>
13 <a href="langkah6.php"><b>Langkah 6</b></a>: Menghentikan Service Gammu<br></p><hr>
```

## 2.2 Script *langkah1.php*



```
1 <?php include "menuutama.php"; ?>
2
3 <h2>Langkah 1 - Setting GAMMURC</h2>
4
5 <?php
6 $handle = @fopen("C:/xampp/htdocs/Gammu 1.31.0/bin/gammurc", "r");
7 $baris = array();
8 if ($handle) {
9     while (!feof($handle)) {
10         $buffer = fgets($handle);
11         if (substr_count($buffer, 'device = ') > 0)
12         {
13             $split = explode("device = ", $buffer);
14             $device = str_replace(":", "", $split[1]);
15         }
16
17         if (substr_count($buffer, 'connection = ') > 0)
18         {
19             $split = explode("connection = ", $buffer);
20             $connection = $split[1];
21         }
22         $baris[] = $buffer;
23     }
24     fclose($handle);
25 }
26
27 if ($_GET['op'] == "simpan")
28 {
29     $device = $_POST['device'];
30     $connection = $_POST['connection'];
31
32     $handle = @fopen("C:/xampp/htdocs/Gammu 1.31.0/bin/gammurc", "w");
33
34     for ($i=0; $i<=count($baris)-1; $i++)
35     {
36         if (substr_count($baris[$i], 'device = ') > 0)
37         {
38             $text = "device = ".$device."\n";
39         }
40         else if (substr_count($baris[$i], 'connection = ') > 0)
41         {
42             $text = "connection = ".$connection."\n";
43         }
44         else $text = $baris[$i];
45         fwrite($handle, $text);
46     }
47     fclose($handle);
48     echo "<p>Konfigurasi GAMMURC sudah disimpan</p>";
49 }
50
51 ?>
52
53 <p>Masukkan nomor port dan jenis connection!<br />
54 Untuk mengetahui nomor port buka Start - Control Panel - Device Manager - lihat pada Ports (COM&LPT)</p>
55
56 <form method="post" action="<?php $_SERVER['PHP_SELF']; ?>?op=simpan">
57 <table>
58 <tr><td>DEVICE</td><td></td><td><input type="text" name="device" value="<?php echo $device;?>"></td></tr>
59 <tr><td>CONNECTION</td><td></td><td><input type="text" name="connection" value="<?php echo $connection;?>"></td></tr>
60 <tr><td></td><td></td><td><input type="submit" name="submit" value="Simpan"></td></tr>
61 </table>
62 </form>
63
64 <p>Untuk melihat Jenis Connection, koneksi ke internet dan buka alamat : http://www.wammu.eu/phones/
65
```

## 2.3 Script *langkah2.php*



```
1 <?php include "menuutama.php"?>
2
3 <h2>Langkah 2 - Test Koneksi GAMMU dengan Modem</h2>
4
5 <p>Klik tombol di bawah ini untuk cek koneksi GAMMU dengan Modem</p>
6
7 <form method="post" action="<?php $_SERVER['PHP_SELF']; ?>">
8 <input type="submit" name="submit" value="CEK KONEKSI"></td></tr>
9 </form>
10
11 <?php
12 if ($_POST['submit'])
13 {
14     echo "<b>Status :</b><br>";
15     echo "<pre>";
16     passthru("gammurc - c identify", $hasil);
17     echo "</pre>";
18 }
19 ?>
20
```

## 2.4 Script *langkah3.php*



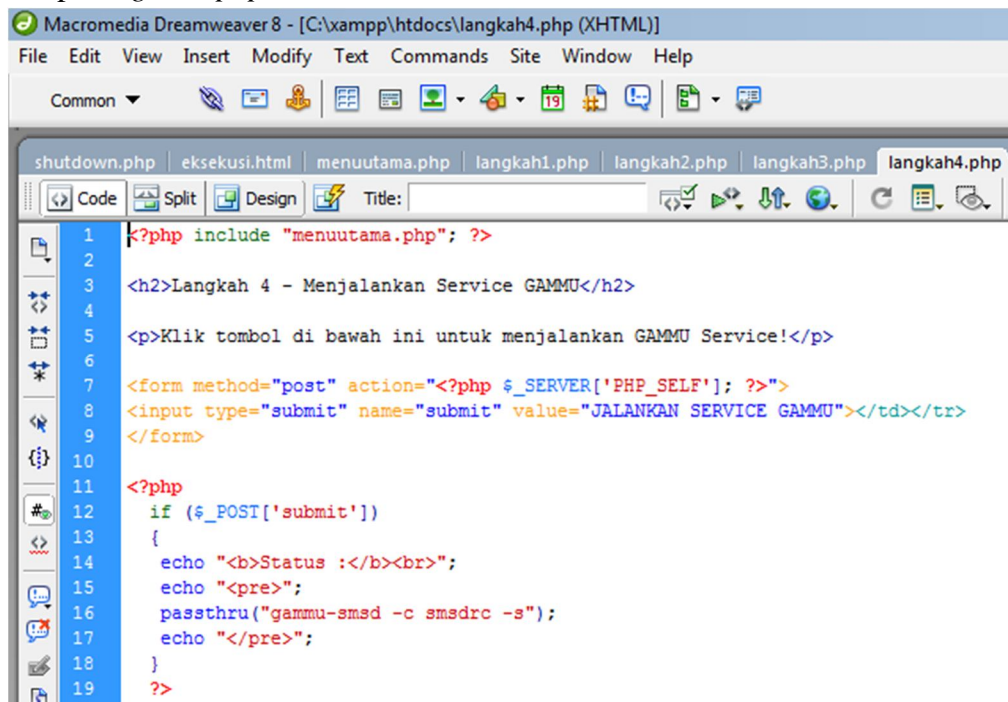
```
1 <?php include "menuutama.php"; ?>
2
3 <h2>Langkah 3 - Setting Konfigurasi SMSDR</h2>
4
5 <?php
6 $handle = @fopen("C:/xampp/htdocs/Gammu 1.31.0/bin/smsdrc", "r");
7 $baris = array();
8 if ($handle) {
9     while (!feof($handle)) {
10         $buffer = fgets($handle);
11         if (substr_count($buffer, 'device = ') > 0)
12         {
13             $split = explode("device = ", $buffer);
14             $device = str_replace(":", "", $split[1]);
15         }
16
17         if (substr_count($buffer, 'connection = ') > 0)
18         {
19             $split = explode("connection = ", $buffer);
20             $connection = $split[1];
21         }
22
23         if (substr_count($buffer, 'service = ') > 0)
24         {
25             $split = explode("service = ", $buffer);
26             $service = $split[1];
27         }
28
29         if (substr_count($buffer, 'user = ') > 0)
30         {
31             $split = explode("user = ", $buffer);
32             $user = $split[1];
33         }
34
35         if (substr_count($buffer, 'password = ') > 0)
36         {
37             $split = explode("password = ", $buffer);
38             $pass = $split[1];
39         }
40
41         if (substr_count($buffer, 'pc = ') > 0)
42         {
43             $split = explode("pc = ", $buffer);
44             $pc = $split[1];
45         }
46
47         if (substr_count($buffer, 'database = ') > 0)
48         {
49             $split = explode("database = ", $buffer);
50             $database = $split[1];
51         }
52
53         if (substr_count($buffer, 'driver = ') > 0)
54         {
55             $split = explode("driver = ", $buffer);
56             $driver = $split[1];
57         }
58
59         $baris[] = $buffer;
60     }
61     fclose($handle);
62 }
63
64 if ($_GET['op'] == "simpan")
65 {
66     $device = $_POST['device'];
67     $connection = $_POST['connection'];
68     $service = $_POST['service'];
69     $user = $_POST['user'];
70     $pass = $_POST['password'];
71     $pc = $_POST['pc'];
72     $database = $_POST['database'];
73     $driver = $_POST['driver'];
74
75     $handle = @fopen("C:/xampp/htdocs/Gammu 1.31.0/bin/smsdrc", "w");
76
77     for ($i=0; $i<count($baris)-1; $i++)
78     {
79         if (substr_count($baris[$i], 'device = ') > 0)
80         {
81             $text = "device = ".$device."<br>";
82         }
83         else if (substr_count($baris[$i], 'connection = ') > 0)
84         {
85             $text = "connection = ".$connection."<br>";
86         }
87     }
88 }
```

```

86     }
87     else if (substr_count($baris[$i], 'service = ') > 0)
88     {
89         $text = "service = ".$service."\n";
90     }
91     else if (substr_count($baris[$i], 'user = ') > 0)
92     {
93         $text = "user = ".$user."\n";
94     }
95     else if (substr_count($baris[$i], 'password = ') > 0)
96     {
97         $text = "password = ".$pass."\n";
98     }
99     else if (substr_count($baris[$i], 'pc = ') > 0)
100    {
101        $text = "pc = ".$pc."\n";
102    }
103    else if (substr_count($baris[$i], 'database = ') > 0)
104    {
105        $text = "database = ".$database."\n";
106    }
107    else if (substr_count($baris[$i], 'driver = ') > 0)
108    {
109        $text = "driver = ".$driver."\n";
110    }
111    else $text = $baris[$i];
112    fwrite($handle, $text);
113    }
114    fclose($handle);
115    echo "<p>Konfigurasi SMSRC sudah disimpan</p>";
116    }
117    ?>
118
119    <p>Masukkan konfigurasi SMSRC berikut ini!</p>
120
121    <form method="post" action="<?php $_SERVER['PHP_SELF']; ?>?op=simpan">
122    <table>
123        <tr><td>DEVICE</td><td><input type="text" name="device" value="<?php echo $device;?>"></td></tr>
124        <tr><td>CONNECTION</td><td><input type="text" name="connection" value="<?php echo $connection;?>"></td></tr>
125        <tr><td>SERVICE</td><td><input type="text" name="service" value="<?php echo $service;?>"></td></tr>
126        <tr><td>USERNAME (MySQL)</td><td><input type="text" name="user" value="<?php echo $user;?>"></td></tr>
127        <tr><td>PASSWORD (MySQL)</td><td><input type="text" name="password" value="<?php echo $pass;?>"></td></tr>
128        <tr><td>PC</td><td><input type="text" name="pc" value="<?php echo $pc;?>"></td></tr>
129        <tr><td>DATABASE NAME (MySQL)</td><td><input type="text" name="database" value="<?php echo $database;?>"></td></tr>
130        <tr><td>DRIVER</td><td><input type="text" name="driver" value="<?php echo $driver;?>"></td></tr>
131        <tr><td><td><input type="submit" name="submit" value="Simpan"></td></tr>
132    </table>
133    </form>
134
135

```

## 2.5 Script langkah4.php



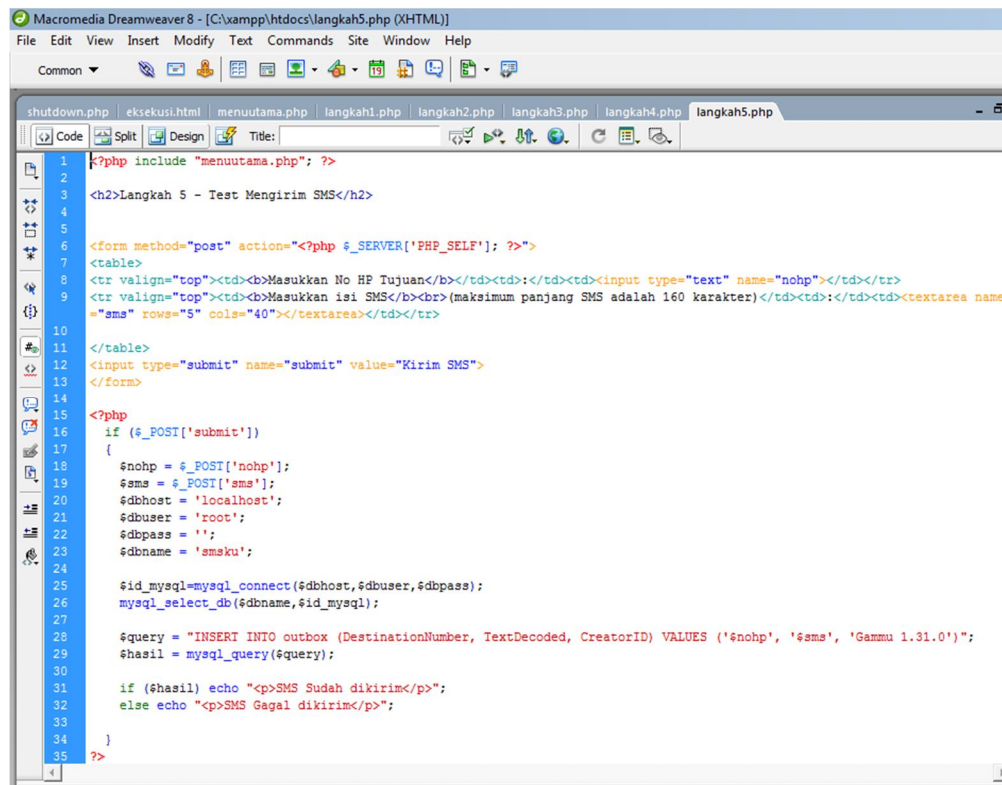
```

1  <?php include "menuutama.php"; ?>
2
3  <h2>Langkah 4 - Menjalankan Service GAMMU</h2>
4
5  <p>Klik tombol di bawah ini untuk menjalankan GAMMU Service!</p>
6
7  <form method="post" action="<?php $_SERVER['PHP_SELF']; ?>">
8  <input type="submit" name="submit" value="JALANKAN SERVICE GAMMU"></td></tr>
9  </form>
10
11  <?php
12      if ($_POST['submit'])
13      {
14          echo "<b>Status :</b><br>";
15          echo "<pre>";
16          passthru("gammu-smsd -c smsdrc -s");
17          echo "</pre>";
18      }
19      ?>

```

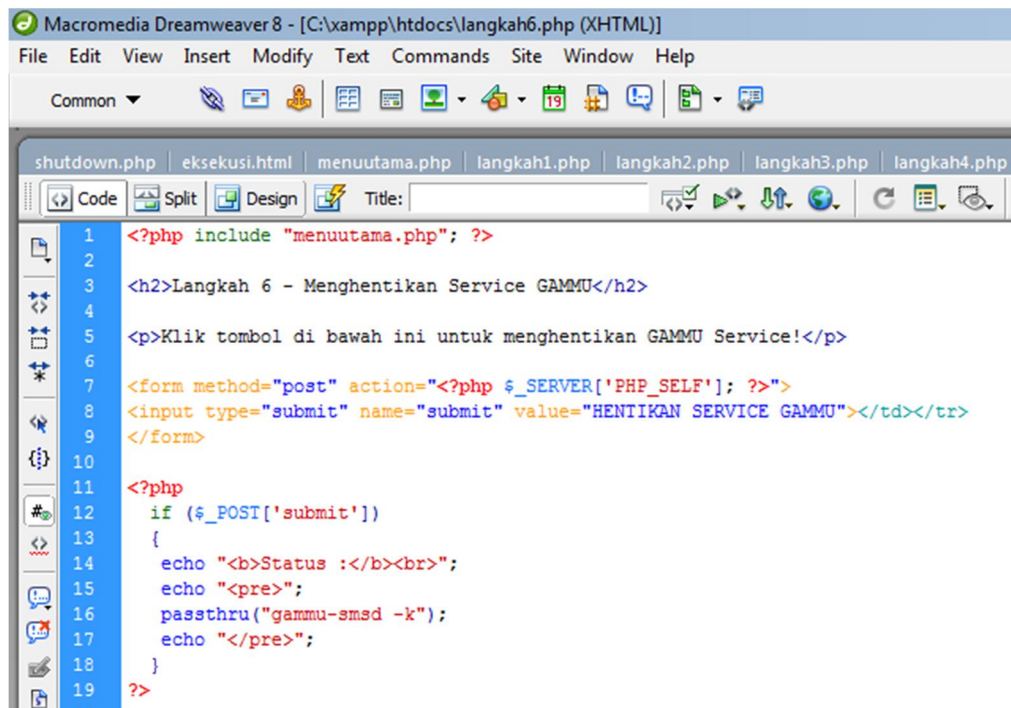


## 2.6 Script *langkah5.php*



```
1 <?php include "menuutama.php"; ?>
2
3 <h2>Langkah 5 - Test Mengirim SMS</h2>
4
5 <form method="post" action="<?php $_SERVER['PHP_SELF']; ?>">
6 <table>
7 <tr valign="top"><td><b>Masukkan No HP Tujuan</b></td><td><input type="text" name="nohp"></td></tr>
8 <tr valign="top"><td><b>Masukkan isi SMS</b><br>(maksimum panjang SMS adalah 160 karakter)</td><td><textarea name
9 ="sms" rows="5" cols="40"></td></tr>
10 </table>
11 <input type="submit" name="submit" value="Kirim SMS">
12 </form>
13
14 <?php
15 if ($_POST['submit'])
16 {
17     $nohp = $_POST['nohp'];
18     $sms = $_POST['sms'];
19     $dbhost = 'localhost';
20     $dbuser = 'root';
21     $dbpass = '';
22     $dbname = 'smaku';
23
24     $id_mysql=mysql_connect($dbhost,$dbuser,$dbpass);
25     mysql_select_db($dbname,$id_mysql);
26
27     $query = "INSERT INTO outbox (DestinationNumber, TextDecoded, CreatorID) VALUES ('$nohp', '$sms', 'Gammu 1.31.0')";
28     $hasil = mysql_query($query);
29
30     if ($hasil) echo "<p>SMS Sudah dikirim</p>";
31     else echo "<p>SMS Gagal dikirim</p>";
32 }
33 ?>
```

## 2.7 Script *langkah6.php*

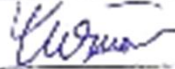


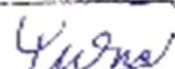
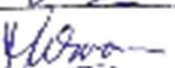
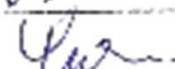
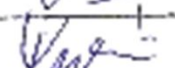



```
1 <?php include "menuutama.php"; ?>
2
3 <h2>Langkah 6 - Menghentikan Service GAMMU</h2>
4
5 <p>Klik tombol di bawah ini untuk menghentikan GAMMU Service!</p>
6
7 <form method="post" action="<?php $_SERVER['PHP_SELF']; ?>">
8 <input type="submit" name="submit" value="HENTIKAN SERVICE GAMMU"></td></tr>
9 </form>
10
11 <?php
12 if ($_POST['submit'])
13 {
14     echo "<b>Status :</b><br>";
15     echo "<pre>";
16     passthru("gammu-smsd -k");
17     echo "</pre>";
18 }
19 ?>
```

# KARTU KONSULTASI

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 Semester : Genap/Cianjil, Tahun Akademik :  
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 SAKIT JANTH MELALUI SMT YENJAN  
 MENYAKTIPKAN PHP DAN MY SQL

Dosen Pembimbing :

NO	Tanggal	Uraian	Paraf Pembimbing
1.	26-12-2012	Bimbingan DAS I & DAS II	
2.	6-1-2013	Bimbingan DAS III	
3.	10-1-2013	Bimbingan DAS IV	
4.	12-1-2013	Bimbingan Revisi DAS III	
5.	20-1-2013	Bimbingan Revisi DAS IV	
6.	2-2-2013	Bimbingan Perancangan Diagram	
7.	9-2-2013	Bimbingan Perancangan Database	
8.	14-2-2013	Bimbingan Script Program	
9.	13-2-2013	Bimbingan Lanjutan & Modul	