

**LAPORAN PRAKTIKUM  
PEMROGRAMAN WEB DINAMIS  
MODUL 5**

**“Aplikasi Web Berbasis PHP dan Database MySQL (I)”**



**Oleh:**

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## Percobaan 1 (Form Data Mahasiswa)

### 1. Membuat form.php

Code:

```
form.php - Modul 5 - Visual Studio Code
form.php X tugas1.php
form.php > html > body > center > form > table > tr > td
1 <html>
2 <head>
3 <title>Data Mahasiswa</title>
4 </head>
5 <?php
6 $conn = mysqli_connect('localhost', 'root', '', 'informatika');
7
8 ?>
9 <body>
10 <center>
11 <h3>Masukan Data Mahasiswa</h3>
12 <form action="form.php" method="post">
13 <table border="0">
14 <tr>
15 <td width="25%">NIM</td>
16 <td width="5%">:</td>
17 <td width="65%"><input type="text" name="nim" size="10"></td>
18 </tr>
19 <tr>
20 <td width="25%">Nama</td>
21 <td width="5%">:</td>
22 <td width="65%"><input type="text" name="nama" size="30"></td>
23 </tr>
24 <tr>
25 <td width="25%">Kelas</td>
26 <td width="5%">:</td>
27 <td width="65%">
28 <input type="radio" value="A" checked name="kelas">A
29 <input type="radio" value="B" checked name="kelas">B
30 <input type="radio" value="C" checked name="kelas">C
31 </td>
32 </tr>
33 <tr>
34 <td width="25%">Alamat</td>
35 <td width="5%">:</td>
36 <td width="65%"><input type="text" name="alamat" size="40"></td>
37 </tr>
38 </table>
39 <input type="submit" name="submit" value="Masukkan">
40 </form>
41 <?php
42 error_reporting(0);
43 $nim = $_POST['nim'];
44 $nama = $_POST['nama'];
45 $kelas = $_POST['kelas'];
46 $alamat = $_POST['alamat'];
47 $submit = $_POST['submit'];
48 $input="INSERT INTO mahasiswa (NIM, Nama, Kelas, Alamat) VALUES ('$nim', '$nama', '$kelas', '$alamat')";
49 if ($submit){
50 if ($nim=="") {
51 echo "<br><br>NIM tidak boleh kosong, diisi dulu<br><br>";
52 } elseif ($nama=="") {
53 echo "<br><br>Nama tidak boleh kosong, diisi dulu<br><br>";
54 } elseif ($alamat=="") {
55 echo "<br><br>Alamat tidak boleh kosong, diisi dulu<br><br>";
56 } else {
57 if (mysqli_query($conn, $input)){
58 echo "<br>Data berhasil dimasukkan";
59 } else {
60 echo "Error: " . $input . "<br>" . mysqli_error($conn);
61 }
62 }
63 }
64
65 ?>
66 <table width="50%" border="1" style="text-align: center;">
67 <tr>
68 <th>NIM</th>
69 <th>Nama</th>
70 <th>Kelas</th>
71 <th>Alamat</th>
72 </tr>
73 <?php
74 $cari = "SELECT * FROM mahasiswa ORDER BY nim";
75 $hasil_cari = mysqli_query($conn, $cari);
76 while($data=mysqli_fetch_row($hasil_cari)){
77 echo<br>
78 <td width="20%">$data[0]</td>
79 <td width="30%">$data[1]</td>
80 <td width="10%">$data[2]</td>
81 <td width="30%">$data[3]</td>
82 </tr>
83 }
84 ?>
85 </table>
86 </center>
87 </body>
88 </html>
```

Output:

The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / informatik...' and the page title 'Data Mahasiswa'. The browser's address bar shows the URL 'localhost/L200190031/Modul%205/form.php'. The page content includes a form titled 'Masukan Data Mahasiswa:' with input fields for NIM, Nama, Kelas (with radio buttons for A, B, and C), and Alamat, followed by a 'Masukkan' button. Below the form, a message 'Data berhasil dimasukkan' is displayed above a table with four columns: NIM, Nama, Kelas, and Alamat. The table contains three rows of student data.

NIM	Nama	Kelas	Alamat
L200080001	Ari Wibowo	A	Solo
L200080080	Agustina Anggraini	B	Sragen
L200190031	Daffa Ganteng	A	Solo

## Tugas

1. Dari form percobaan di atas, buatlah supaya data dalam table di setiap barisnya dapat diubah, seperti tabel gambar 5.1!

tugas1.php

```
1 <html>
2 <head>
3 <title>Data Mahasiswa</title>
4 </head>
5 <?php
6 $conn = mysqli_connect('localhost','root','','informatika');
7 >
8 <body>
9 <center>
10 <h3>Masukkan Data Mahasiswa </h3>
11 <table border='0' width='30%'>
12 <form method='POST' action = 'tugas1.php'>
13 <tr>
14 <td width='25%'>NIM</td>
15 <td width='5%'></td>
16 <td width='65%'><input type='text' name='nim' size='10'></td>
17 </tr>
18 <tr>
19 <td width='25%'>Nama</td>
20 <td width='5%'></td>
21 <td width='65%'><input type='text' name='nama' size='30'></td>
22 </tr>
23 <tr>
24 <td width='25%'>Kelas</td>
25 <td width='5%'></td>
26 <td width='65%'><input type='radio' value='A' checked name='kelas'>A
27 <input type='radio' value='B' checked name='kelas'>B
28 <input type='radio' value='C' checked name='kelas'>C
29 </td>
30 </tr>
31 <tr>
32 <td width='25%'>Alamat</td>
33 <td width='5%'></td>
34 <td width='65%'><input type='text' name='alamat' size='40'></td>
35 </tr>
36 </table>
37 <input type='submit' value='Masukkan' name='submit'>
38 </form>
39 <?php
40 error_reporting(0);
41 $nim = $_POST['nim'];
42 $nama = $_POST['nama'];
43 $kelas = $_POST['kelas'];
44 $alamat = $_POST['alamat'];
45 $submit = $_POST['submit'];
46 $input = "insert into mahasiswa (nim, nama, kelas, alamat) values
47 ('$nim', '$nama', '$kelas', '$alamat')";
48 if ($submit){
49     if ($nim==''){
50         echo "<br>NIM tidak boleh kosong";
51     }elseif ($nama==''){
52         echo "<br>Nama tidak boleh kosong";
53     }elseif ($alamat==''){
54         echo "<br>Alamat tidak boleh kosong";
55     }else{
56         mysqli_query($conn, $input);
57         echo "
58 <script>
59 alert('data berhasil dimasukkan');
60 document.location.href='tugas1.php';
61 </script>";
62     }
63 }
64 <hr>
65 <h3>Data Mahasiswa</h3>
66 <table width='50%' style='text-align: center;' border=1>
67 <tr>
68 <th>NIM</th>
69 <th>Nama</th>
70 <th>Kelas</th>
71 <th>Alamat</th>
72 <th>Keterangan</th>
73 </tr>
74 <?php
75 $car1 = "SELECT * FROM mahasiswa ORDER BY nim";
76 $hasil_car1 = mysqli_query($conn,$car1);
77 while($data = mysqli_fetch_row($hasil_car1)){
78     echo "
79 <tr>
80 <td width='20%'>$data[0]</td>
81 <td width='40%'>$data[1]</td>
82 <td width='10%'>$data[2]</td>
83 <td width='30%'>$data[3]</td>
84 <td align='center' width='30%'><a href='edit1.php?NIM=$data[0]'>Edit</a></td>
85 </tr>";
86 }
87 <?php
88 </table>
89 </center>
90 </body>
91 </html>
```

## edit1.php

```

1  <?php
2  error_reporting(E_ALL & E_NOTICE);
3  $conn = mysqli_connect('localhost', 'root', '', 'informatika');
4  $nim = $_GET['NIM'];
5  $cari = "SELECT * FROM mahasiswa Where nim = '$nim'";
6  $hasil_cari = mysqli_query($conn,$cari);
7
8  while ($data = mysqli_fetch_array($hasil_cari)){
9      $nim=$data['nim'];
10     $nama=$data['nama'];
11     $kelas=$data['kelas'];
12     $alamat=$data['alamat'];
13 }
14
15 $nimi=$_POST['nimi'];
16 $namai=$_POST['namai'];
17 $kelas1=$_POST['kelas1'];
18 $alamat1=$_POST['alamat1'];
19
20 if($_POST['submit']){
21     $update="UPDATE mahasiswa set NIM='$nimi', Nama='$namai', Kelas='$kelas1', Alamat='$alamat1' WHERE nim='$nimi' ";
22     $hasil = mysqli_query($conn, $update);
23     header('location: tugas1.php');
24 }
25
26
27 <html>
28 <head>
29 <title>Data Mahasiswa</title>
30 </head>
31 <body>
32 <center>
33 <h3>Update Data Mahasiswa :</h3>
34 <table border="1" width="30%">
35 <form method="POST" action = "edit1

```

```

35 <form method="POST" action = "edit1
36 .php">
37 <tr>
38 <td width="25%">NIM</td>
39 <td width="5%"></td>
40 <td width="65%"><input type="text" name="nimi" size="10" value="<?=$nim?>"></td>
41 </tr>
42 <tr>
43 <td width="25%">Nama</td>
44 <td width="5%"></td>
45 <td width="65%"><input type="text" name="namai" size="30" value="<?=$namai?>"></td>
46 </tr>
47 <tr>
48 <td width="25%">Kelas</td>
49 <td width="5%"></td>
50 <td width="65%">
51 <input type="radio" value="A" checked name="kelas1" <?php if ($kelas == "A") {echo 'checked';}>> A
52 <input type="radio" value="B" name="kelas1" <?php if ($kelas == "B") {echo 'checked';}>> B
53 <input type="radio" value="C" name="kelas1" <?php if ($kelas == "C") {echo 'checked';}>> C
54 </td>
55 </tr>
56 <tr>
57 <td width="25%">Alamat</td>
58 <td width="5%"></td>
59 <td width="65%"><input type="text" name="alamat1" size="40" value="<?=$alamat?>"></td>
60 </tr>
61 </table>
62 <input type="submit" value="submit" name="submit">
63 </form>
64 </center>
65 <?php
66
67 >
68 </body>

```

## Data awal:

localhost / 127.0.0.1 / informatika: x Data Mahasiswa

localhost/L200190031/Modul%205/Tugas%201/form1.php

Masukkan Data Mahasiswa :

NIM :

Nama :

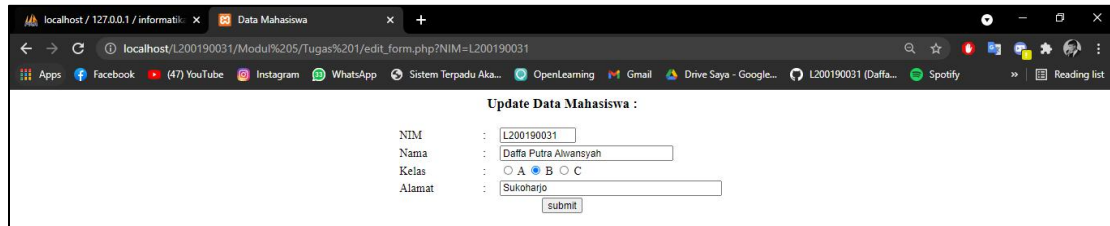
Kelas : ☐ A ☐ B ☐ C

Alamat :

Data Mahasiswa

NIM	Nama	Kelas	Alamat	Keterangan
L200080001	Ari Wibowo	A	Solo	<a href="#">Edit</a>
L200080080	Agustina Anggraini	B	Sragen	<a href="#">Edit</a>
L200190031	Daffa Ganteng	A	Solo	<a href="#">Edit</a>

Saat edit:



Update Data Mahasiswa :

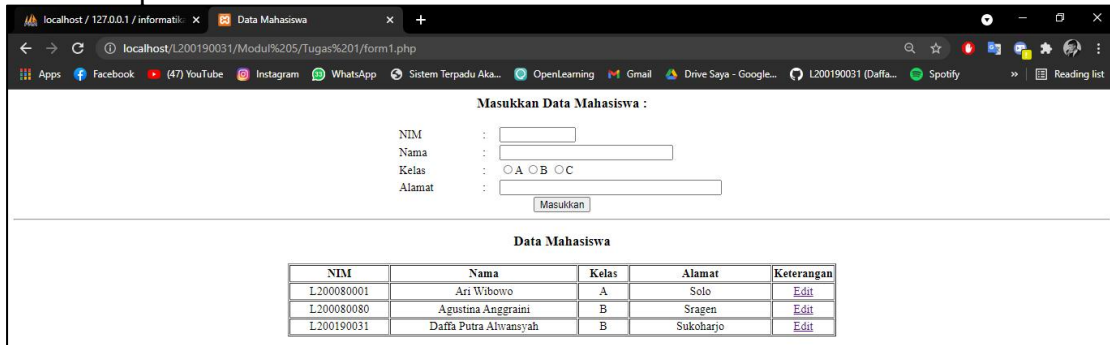
NIM :

Nama :

Kelas : ☐ A ☒ B ☐ C

Alamat :

Sesudah update:



Masukkan Data Mahasiswa :

NIM :

Nama :

Kelas : ☐ A ☐ B ☐ C

Alamat :

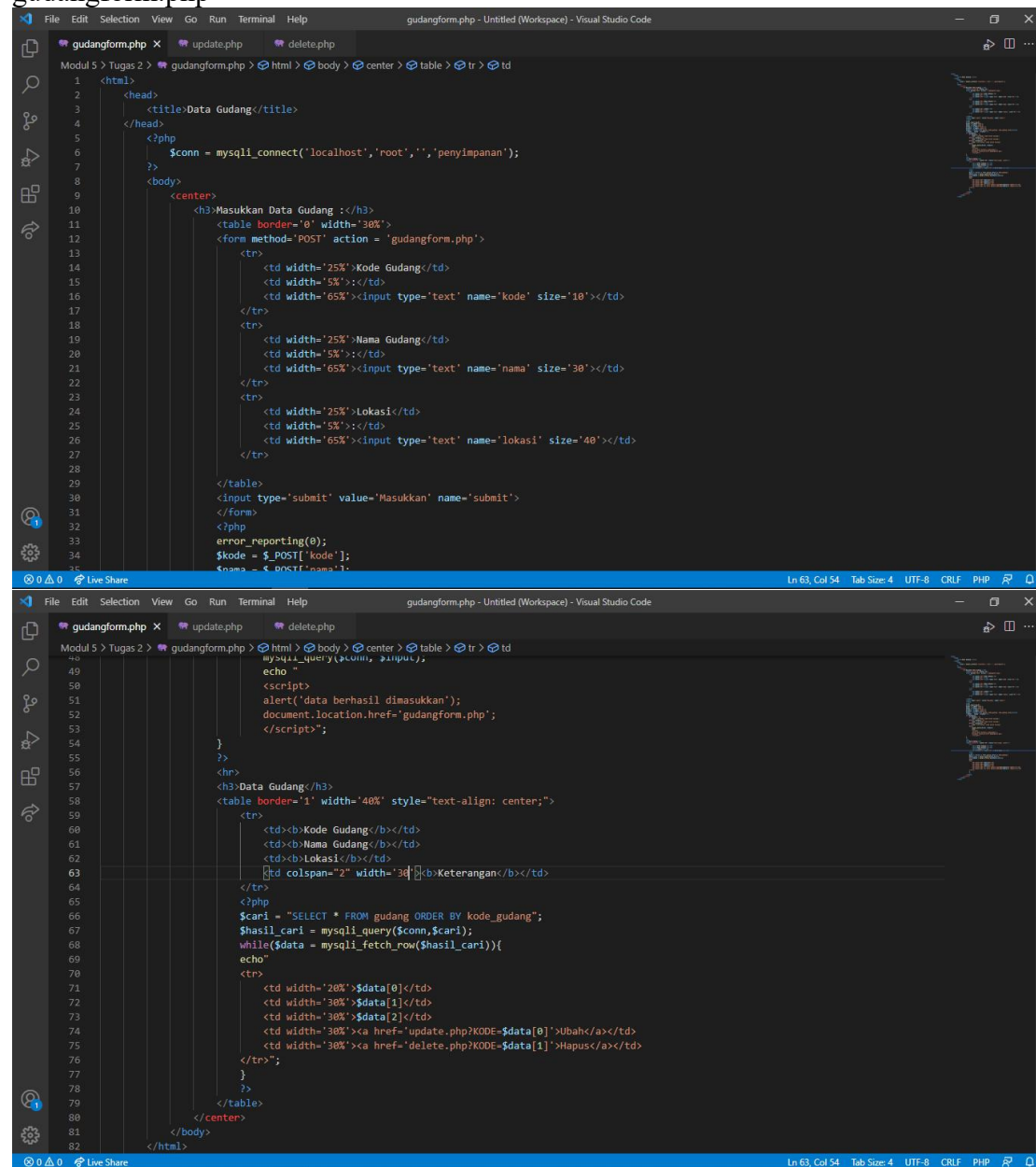
Data Mahasiswa

NIM	Nama	Kelas	Alamat	Keterangan
L200080001	Ari Wibowo	A	Solo	<a href="#">Edit</a>
L200080080	Agustina Anggraini	B	Sragen	<a href="#">Edit</a>
L200190031	Daffa Putra Alwansyah	B	Sukoharjo	<a href="#">Edit</a>



2. Table Gudang terdiri dari kode\_gudang sebagai primary key, nama\_gudang dan lokasi. Buatlah program untuk membuat fitur view, insert, update dan delete.

## gudangform.php



```

1 <html>
2 <head>
3 <title>Data Gudang</title>
4 </head>
5 <?php
6 $conn = mysqli_connect('localhost','root','','penyimpanan');
7
8 <body>
9 <center>
10 <h3>Masukkan Data Gudang :</h3>
11 <table border='0' width='30%'>
12 <form method='POST' action = 'gudangform.php'>
13 <tr>
14 <td width='25%'>Kode Gudang</td>
15 <td width='5%'></td>
16 <td width='65%'><input type='text' name='kode' size='18'></td>
17 </tr>
18 <tr>
19 <td width='25%'>Nama Gudang</td>
20 <td width='5%'></td>
21 <td width='65%'><input type='text' name='nama' size='30'></td>
22 </tr>
23 <tr>
24 <td width='25%'>Lokasi</td>
25 <td width='5%'></td>
26 <td width='65%'><input type='text' name='lokasi' size='40'></td>
27 </tr>
28 </table>
29 <input type='submit' value='Masukkan' name='submit'>
30 </form>
31 <?php
32 error_reporting(0);
33 $kode = $_POST['kode'];
34 $nama = $_POST['nama'];
35
36 <hr>
37 <h3>Data Gudang</h3>
38 <table border='1' width='40%' style='text-align: center;'>
39 <tr>
40 <td><b>Kode Gudang</b></td>
41 <td><b>Nama Gudang</b></td>
42 <td><b>Lokasi</b></td>
43 <td colspan='2' width='30%'><b>Keterangan</b></td>
44 </tr>
45 <tr>
46 <td colspan='4'><?php
47 $cari = "SELECT * FROM gudang ORDER BY kode_gudang";
48 $hasil_cari = mysqli_query($conn,$cari);
49 while($data = mysqli_fetch_row($hasil_cari)){
50 echo"
51 <tr>
52 <td width='20%'>$data[0]</td>
53 <td width='30%'>$data[1]</td>
54 <td width='30%'>$data[2]</td>
55 <td width='30%'><a href='update.php?KODE=$data[0]'>Ubah</a></td>
56 <td width='30%'><a href='delete.php?KODE=$data[1]'>Hapus</a></td>
57 </tr>";
58 }
59 </tr>
60 </table>
61 </center>
62 </body>
63 </html>

```

## update.php

```
File Edit Selection View Go Run Terminal Help
update.php - Untitled (Workspace) - Visual Studio Code

gudangform.php update.php x delete.php

Modul 5 > Tugas 2 > update.php > ...
1 <?php
2 error_reporting(E_ALL & E_NOTICE);
3 $conn = mysqli_connect('localhost','root','','penyimpanan');
4 $kode = $_GET['kode'];
5 $cari = "SELECT * FROM gudang WHERE kode_gudang = '$kode'";
6 $hasil_cari = mysqli_query($conn,$cari);
7 $data = mysqli_fetch_array($hasil_cari);
8
9 if($_POST['submit']){
10     $kode=$_POST['kode'];
11     $nama=$_POST['nama'];
12     $lokasi=$_POST['lokasi'];
13     if ($kode==""){
14         echo "kode tidak boleh kosong, diisi dulu!";
15     }else if ($nama==""){
16         echo "Nama tidak boleh kosong";
17     }elseif ($lokasi==""){
18         echo "Lokasi tidak boleh kosong";
19     }else{
20
21         $update="UPDATE gudang set kode_gudang='$kode', nama_gudang='$nama',lokasi='$lokasi' WHERE kode_gudang= '$kode' ";
22         mysqli_query($conn,$update);
23         echo "
24         <script>
25         alert('data berhasil di update');
26         document.location.href='gudangform.php';
27         </script>";
28     }
29 }
30 if($data > 0){
31
32 }
33 <html>
34 <head>
35 <title>Data Gudang</title>
36 </head>
37 <body>
38 <center>
39 <h3>Update Data Gudang :</h3>
40 <table border='0' width='30%'>
41 <form method='POST' action = 'update.php'>
42 <tr>
43 <td width='25%'>Kode Gudang</td>
44 <td width='5%'></td>
45 <td width='65%'><input type='text' name='kode' size='10' value='<?php echo $data['kode_gudang']?'>'></td>
46 </tr>
47 <tr>
48 <td width='25%'>Nama Gudang</td>
49 <td width='5%'></td>
50 <td width='65%'><input type='text' name='nama' size='30' value='<?php echo $data['nama_gudang']?'>'></td>
51 </tr>
52 <tr>
53 <td width='25%'>Lokasi</td>
54 <td width='5%'></td>
55 <td width='65%'><input type='text' name='lokasi' size='40' value='<?php echo $data['lokasi']?'>'></td>
56 </tr>
57 </table>
58 <input type='submit' value='submit' name='submit'>
59 </form>
60 </center>
61 <?php
62 }
63 <?>
64 </body>
65 </html>
```

## delete.php

```
File Edit Selection View Go Run Terminal Help
delete.php - Untitled (Workspace) - Visual Studio Code

gudangform.php update.php x delete.php x

Modul 5 > Tugas 2 > delete.php > ...
1 <?php
2 $conn = mysqli_connect('localhost','root','','penyimpanan');
3
4 $kode=$_GET['kode'];
5 $hapus="DELETE FROM gudang WHERE nama_gudang= '$kode'";
6 $data=mysqli_query($conn,$hapus);
7
8 if($data > 0){
9     echo "
10     <script>
11     alert('data berhasil di hapus');
12     document.location.href='gudangform.php';
13     </script>";
14 }else
15 {
16     echo "
17     <script>
18     alert('data gagal di hapus');
19     document.location.href='gudangform.php';
20     </script>";
21 }
```



Insert + views:

localhost / 127.0.0.1 / penyimpa- x Data Gudang x +

localhost/L200190031/Modul%205/Tugas%202/gudangform.php

Masukkan Data Gudang :

Kode Gudang : 1  
 Nama Gudang : Ayam Potong  
 Lokasi : Sukoharjo

Masukkan

Data Gudang

Kode Gudang	Nama Gudang	Lokasi	Keterangan
1	Ayam Potong	Sukoharjo	<a href="#">Ubah</a> <a href="#">Hapus</a>

localhost / 127.0.0.1 / penyimpa- x Data Gudang x +

localhost/L200190031/Modul%205/Tugas%202/gudangform.php

Masukkan Data Gudang :

Kode Gudang :  
 Nama Gudang :  
 Lokasi :

Masukkan

Data Gudang

Kode Gudang	Nama Gudang	Lokasi	Keterangan
1	Ayam Potong	Sukoharjo	<a href="#">Ubah</a> <a href="#">Hapus</a>

update:

localhost / 127.0.0.1 / penyimpa- x Data Gudang x +

localhost/L200190031/Modul%205/Tugas%202/update.php?KODE=1

Update Data Gudang :

Kode Gudang : 1  
 Nama Gudang : Ayam Potong Cemani  
 Lokasi : Sukoharjo

submit

localhost / 127.0.0.1 / penyimpa- x Data Gudang x +

localhost/L200190031/Modul%205/Tugas%202/gudangform.php

Masukkan Data Gudang :

Kode Gudang :  
 Nama Gudang :  
 Lokasi :

Masukkan

Data Gudang

Kode Gudang	Nama Gudang	Lokasi	Keterangan
1	Ayam Potong Cemani	Sukoharjo	<a href="#">Ubah</a> <a href="#">Hapus</a>

delete:

localhost / 127.0.0.1 / penyimpa- x localhost/L200190031/Modul 5/ x +

localhost/L200190031/Modul%205/Tugas%202/delete.php?KODE=Ayam%20Potong%20Cemani

localhost says  
data berhasil di hapus

OK

localhost / 127.0.0.1 / penyimpa- x Data Gudang x +

localhost/L200190031/Modul%205/Tugas%202/gudangform.php

Masukkan Data Gudang :

Kode Gudang :  
 Nama Gudang :  
 Lokasi :

Masukkan

Data Gudang

Kode Gudang	Nama Gudang	Lokasi	Keterangan
-------------	-------------	--------	------------