

LAPORAN TUGAS MODUL 6
PEMROGRAMAN WEB DINAMIS
“PHP - MYSQL II”

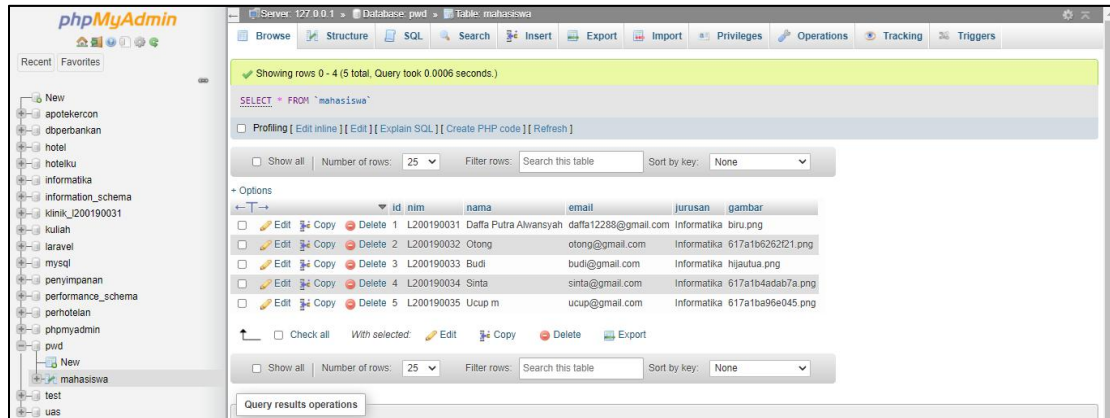


Oleh:

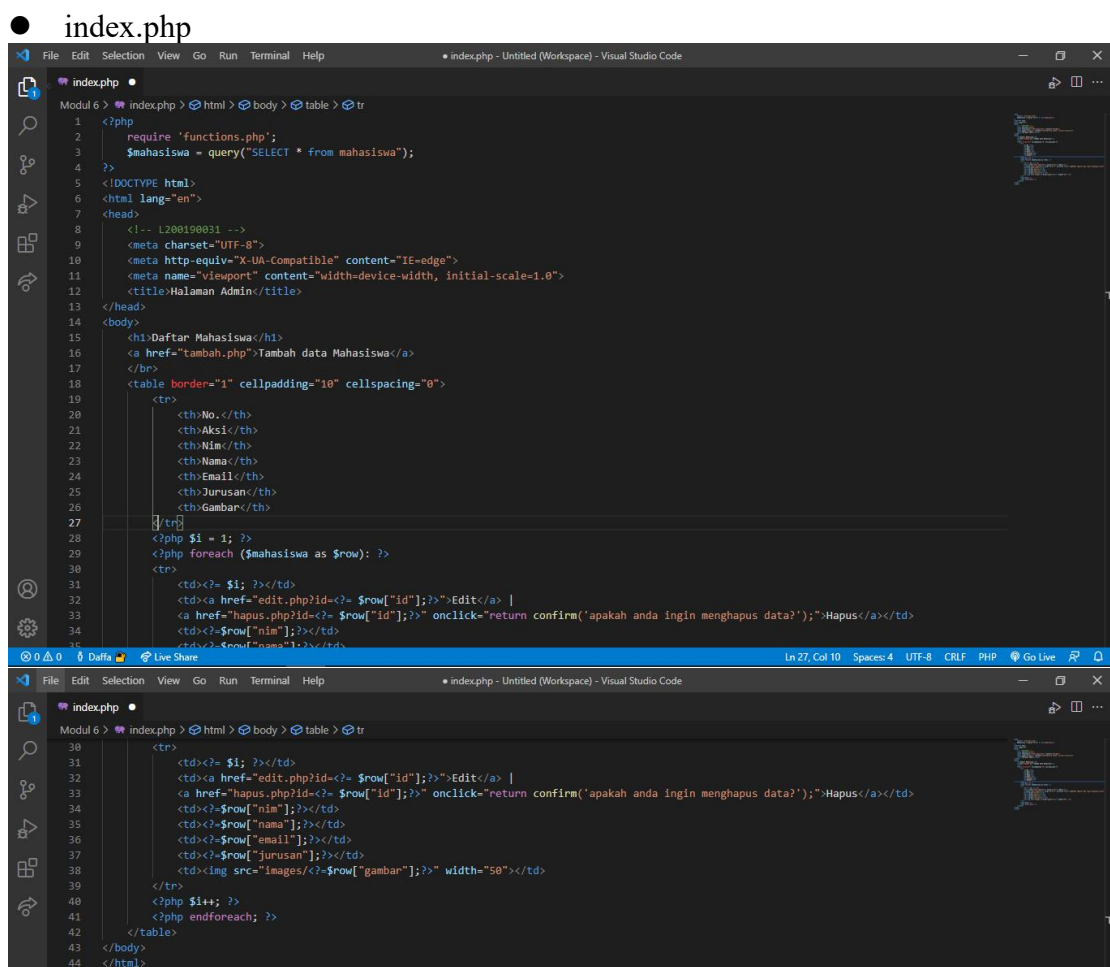
NAMA : Daffa Putra Alwansyah
NIM : L200190031
KELAS : A
PRODI : INFORMATIKA

Fakultas Komunikasi dan Informatika
Universitas Muhammadiyah Surakarta

1. Database mahasiswa



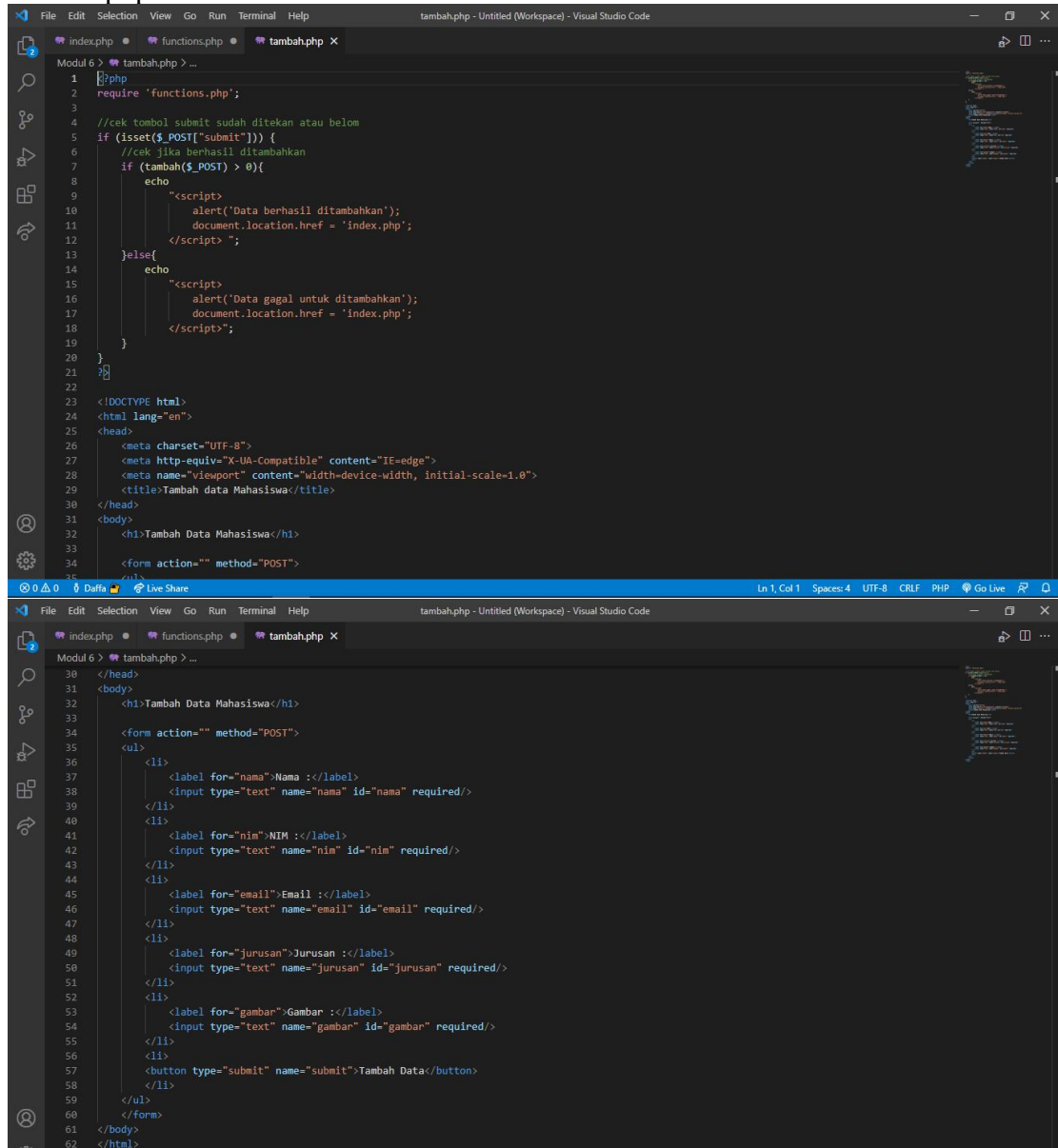
2. Membuat Code



- functions.php

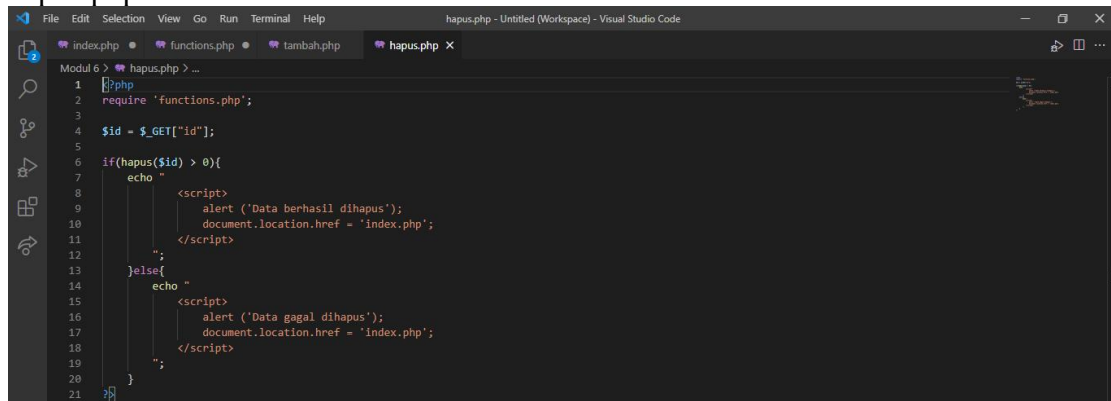
```
1 <?php
2 $conn = mysqli_connect("localhost", "root", "", "pwd");
3 //QUERY
4 function query($query){
5     global $conn;
6     $result = mysqli_query($conn, $query);
7     $rows = [];
8     while ($row = mysqli_fetch_assoc($result)) {
9         $rows[] = $row;
10    }
11    return $rows;
12}
13
14//TAMBAH
15function tambah($data){
16    global $conn;
17    $nama = htmlspecialchars($data["nama"]);
18    $nim = htmlspecialchars($data["nim"]);
19    $email = htmlspecialchars($data["email"]);
20    $jurusan = htmlspecialchars($data["jurusan"]);
21    $gambar = htmlspecialchars($data["gambar"]);
22
23    $query = "INSERT INTO mahasiswa VALUES ('', '$nim', '$nama', '$email', '$jurusan', '$gambar')";
24    mysqli_query($conn, $query);
25
26    return mysqli_affected_rows($conn);
27}
28
29//HAPUS
30function hapus($id){
31    global $conn;
32    mysqli_query($conn, "DELETE FROM mahasiswa WHERE id = $id");
33    return mysqli_affected_rows($conn);
34}
35
36//UPLOAD
37function upload(){
38    $namaFile = $_FILES['gambar']['name'];
39    $ukuranFile = $_FILES['gambar']['size'];
40    $error = $_FILES['gambar']['error'];
41    $tmpName = $_FILES['gambar']['tmp_name'];
42
43    if ($error === 4) {
44        echo "<script>
45            alert('Gambar belum di upload!');
46        </script>";
47        return false;
48    }
49
50    $ekstensiGambarValid = ['png', 'jpg', 'jpeg'];
51    $ekstensiGambar = explode('.', $namaFile);
52    $ekstensiGambar = strtolower(end($ekstensiGambar));
53
54    if (in_array($ekstensiGambar, $ekstensiGambarValid)) {
55        echo "<script>
56            alert('Ekstensi gambar yang diperbolehkan adalah jpeg, jpg, dan png');
57        </script>";
58        return false;
59    }
60
61    if ($ukuranFile > 5000000) {
62        echo "<script>
63            alert('Gambar melebihi ukuran yang diperbolehkan');
64        </script>";
65        return false;
66    }
67
68    $namaFileBaru = uniqid();
69    $namaFileBaru .= '.';
70    $namaFileBaru .= $ekstensiGambar;
71    move_uploaded_file($tmpName, 'images/' . $namaFileBaru);
72    return $namaFileBaru;
73}
74
75//EDIT
76function edit($data){
77    global $conn;
78    $id = $data["id"];
79    $nama = htmlspecialchars($data["nama"]);
80    $nim = htmlspecialchars($data["nim"]);
81    $email = htmlspecialchars($data["email"]);
82    $jurusan = htmlspecialchars($data["jurusan"]);
83    $gambarLama = htmlspecialchars($data["gambarLama"]);
84    if ($_FILES['gambar']['error'] === 4) {
85        $gambar = $gambarLama;
86    } else {
87        $gambar = upload();
88    }
89
90    $query = "UPDATE mahasiswa SET
91        nim = '$nim', nama = '$nama', email = '$email', jurusan = '$jurusan', gambar = '$gambar'
92        WHERE id = '$id'";
93
94    mysqli_query($conn, $query);
95
96    return mysqli_affected_rows($conn);
97}
98
```

● tambah.php



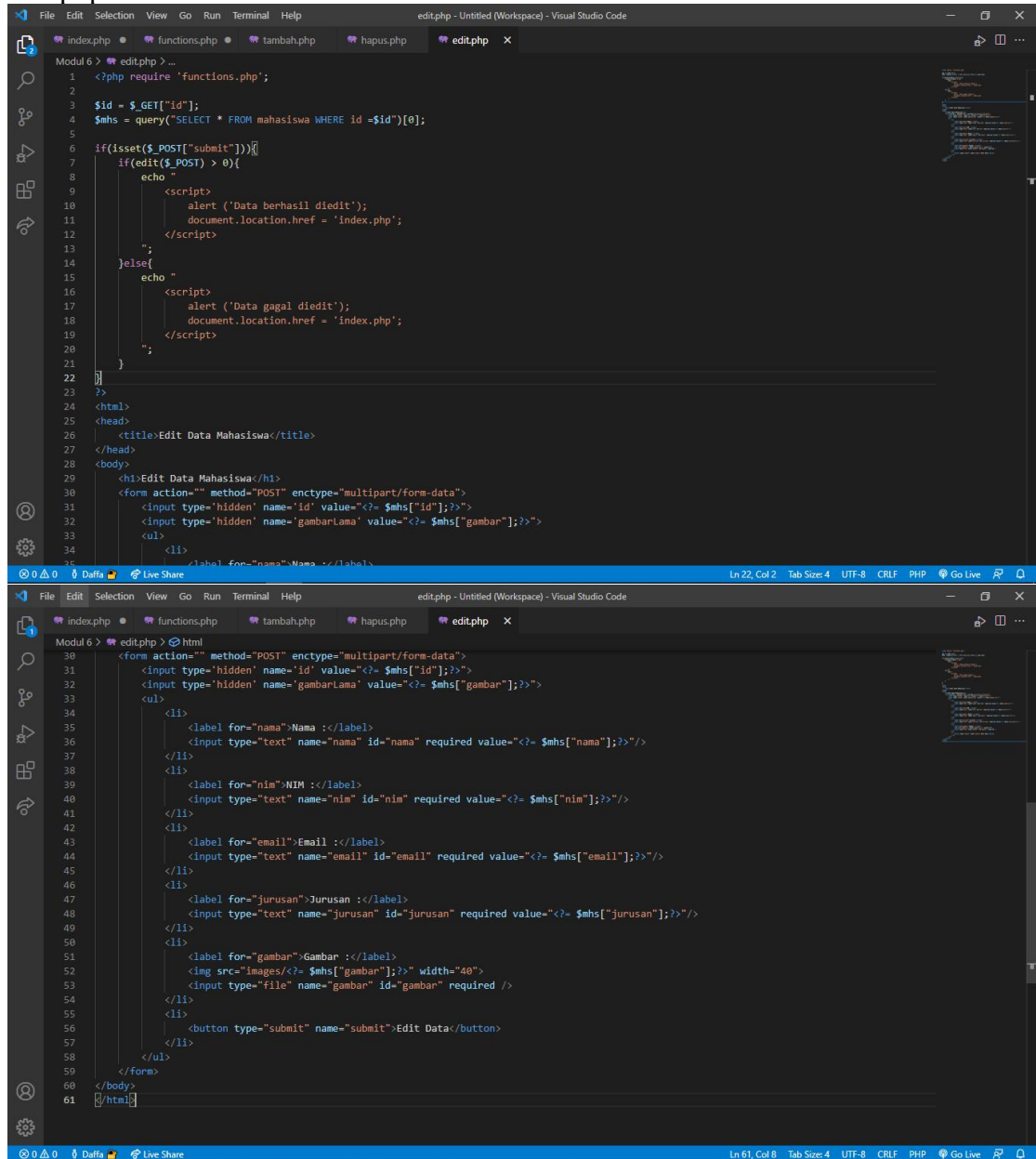
```
1 <?php
2 require 'functions.php';
3
4 //cek tombol submit sudah ditekan atau belum
5 if (isset($_POST["submit"])) {
6     //cek jika berhasil ditambahkan
7     if (tambah($_POST) > 0){
8         echo
9         <script>
10             alert('Data berhasil ditambahkan');
11             document.location.href = 'index.php';
12         </script> ";
13     }else{
14         echo
15         <script>
16             alert('Data gagal untuk ditambahkan');
17             document.location.href = 'index.php';
18         </script>";
19     }
20 }
21
22
23 <!DOCTYPE html>
24 <html lang="en">
25 <head>
26     <meta charset="UTF-8">
27     <meta http-equiv="X-UA-Compatible" content="IE=edge">
28     <meta name="viewport" content="width=device-width, initial-scale=1.0">
29     <title>Tambah data Mahasiswa</title>
30 </head>
31 <body>
32     <h1>Tambah Data Mahasiswa</h1>
33
34     <form action="" method="POST">
35         <ul>
36             <li>
37                 <label for="nama">Nama :</label>
38                 <input type="text" name="nama" id="nama" required/>
39             </li>
40             <li>
41                 <label for="nim">NIM :</label>
42                 <input type="text" name="nim" id="nim" required/>
43             </li>
44             <li>
45                 <label for="email">Email :</label>
46                 <input type="text" name="email" id="email" required/>
47             </li>
48             <li>
49                 <label for="jurusan">Jurusan :</label>
50                 <input type="text" name="jurusan" id="jurusan" required/>
51             </li>
52             <li>
53                 <label for="gambar">Gambar :</label>
54                 <input type="text" name="gambar" id="gambar" required/>
55             </li>
56             <li>
57                 <button type="submit" name="submit">Tambah Data</button>
58             </li>
59         </ul>
60     </form>
61 </body>
62 </html>
```

● hapus.php



```
1 <?php
2 require 'functions.php';
3
4 $id = $_GET["id"];
5
6 if(hapus($id) > 0){
7     echo "
8         <script>
9             alert ('Data berhasil dihapus');
10             document.location.href = 'index.php';
11         </script>
12     ";
13 }else{
14     echo "
15         <script>
16             alert ('Data gagal dihapus');
17             document.location.href = 'index.php';
18         </script>
19     ";
20 }
21
```

● edit.php



```
Modul 6 > edit.php > ...
1  <?php require 'functions.php';
2
3  $id = $_GET["id"];
4  $mhs = query("SELECT * FROM mahasiswa WHERE id = $id")[0];
5
6  if(isset($_POST["submit"])){
7      if(edit($_POST) > 0){
8          echo "
9              <script>
10                 alert ('Data berhasil diedit');
11                 document.location.href = 'index.php';
12             </script>
13          ";
14      }else{
15          echo "
16              <script>
17                 alert ('Data gagal diedit');
18                 document.location.href = 'index.php';
19             </script>
20          ";
21      }
22  }
23
24  <html>
25  <head>
26      <title>Edit Data Mahasiswa</title>
27  </head>
28  <body>
29      <h1>Edit Data Mahasiswa</h1>
30      <form action="" method="POST" enctype="multipart/form-data">
31          <input type="hidden" name="id" value="= $mhs["id"];?&gt;"&gt;
32          &lt;input type="hidden" name="gambarlama" value="<?= $mhs["gambar"];?&gt;"&gt;
33          &lt;ul&gt;
34              &lt;li&gt;
35                  &lt;label for="nama"&gt;Nama :&lt;/label&gt;
36                  &lt;input type="text" name="nama" id="nama" required value="<?= $mhs["nama"];?&gt;" /&gt;
37              &lt;/li&gt;
38              &lt;li&gt;
39                  &lt;label for="nim"&gt;NIM :&lt;/label&gt;
40                  &lt;input type="text" name="nim" id="nim" required value="<?= $mhs["nim"];?&gt;" /&gt;
41              &lt;/li&gt;
42              &lt;li&gt;
43                  &lt;label for="email"&gt;Email :&lt;/label&gt;
44                  &lt;input type="text" name="email" id="email" required value="<?= $mhs["email"];?&gt;" /&gt;
45              &lt;/li&gt;
46              &lt;li&gt;
47                  &lt;label for="jurusan"&gt;Jurusan :&lt;/label&gt;
48                  &lt;input type="text" name="jurusan" id="jurusan" required value="<?= $mhs["jurusan"];?&gt;" /&gt;
49              &lt;/li&gt;
50              &lt;li&gt;
51                  &lt;label for="gambar"&gt;Gambar :&lt;/label&gt;
52                  &lt;img src="images/<?= $mhs["gambar"];?&gt;" width="40"&gt;
53                  &lt;input type="file" name="gambar" id="gambar" required /&gt;
54              &lt;/li&gt;
55          &lt;/ul&gt;
56          &lt;button type="submit" name="submit"&gt;Edit Data&lt;/button&gt;
57      &lt;/form&gt;
58  &lt;/body&gt;
59  &lt;/html&gt;</pre
```


3. Output

- index.php






localhost / 127.0.0.1 / pwd / mail x Halaman Admin x +

localhost/PWD/Modul%206/index.php

Apps Facebook (47) YouTube Instagram WhatsApp Sistem Terpadu Aka... OpenLearning Gmail Drive Saye - Google... L200190031 (Daffa... Spotify Reading list

Daftar Mahasiswa

[Tambah data Mahasiswa](#)

No.	Aksi	Nim	Nama	Email	Jurusan	Gambar
1	Edit Hapus	L200190031	Daffa Putra Alwansyah	daffa12288@gmail.com	Informatika	
2	Edit Hapus	L200190032	Otong	otong@gmail.com	Informatika	
3	Edit Hapus	L200190033	Budi	budi@gmail.com	Informatika	
4	Edit Hapus	L200190034	Sinta	sinta@gmail.com	Informatika	
5	Edit Hapus	L200190035	Ucup m	ucup@gmail.com	Informatika	

- tambah.php

localhost / 127.0.0.1 / pwd / mail x Tambah data Mahasiswa x +

localhost/PWD/Modul%206/tambah.php

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Tambah Data Mahasiswa

- Nama :
- NIM :
- Email :
- Jurusan :
- Gambar : 817a1b1f119872.png
-

localhost / 127.0.0.1 / pwd / mail x localhost/PWD/Modul 6/tambah x +

localhost/PWD/Modul%206/tambah.php

Apps Facebook (47) YouTube Instagram WhatsApp

localhost says
Data berhasil ditambahkan







localhost / 127.0.0.1 / pwd / mail x Halaman Admin x +

localhost/PWD/Modul%206/index.php

Apps Facebook (47) YouTube Instagram WhatsApp Sistem Terpadu Aka... OpenLearning Gmail Drive Saye - Google... L200190031 (Daffa... Spotify Reading list

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3	Edit Hapus	L200190033	Budi	budi@gmail.com	Informatika	
4	Edit Hapus	L200190034	Sinta	sinta@gmail.com	Informatika	
5	Edit Hapus	L200190035	Ucup m	ucup@gmail.com	Informatikass	
6	Edit Hapus	L200190036	dilan	dilan@gmail.com	Informatika	

- edit.php
-> saat mau diedit.

Edit Data Mahasiswa

- Nama :
- NIM :
- Email :
- Jurusan :
- Gambar :
-

->sesudah diedit

Daftar Mahasiswa

[Tambah data Mahasiswa](#)

No.	Aksi	Nim	Nama	Email	Jurusan	Gambar
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2	Edit Hapus	L200190032	Otong	otong@gmail.com	Informatika	
3	Edit Hapus	L200190033	Budi	budi@gmail.com	Informatika	
4	Edit Hapus	L200190034	Sinta	sinta@gmail.com	Informatika	
5	Edit Hapus	L200190035	Ucup m	ucup@gmail.com	Informatikass	
6	Edit Hapus	L200190036	dilan dan milea	dilandanmilea@gmail.com	Informatika	

- hapus.php
-> sebelum dihapus

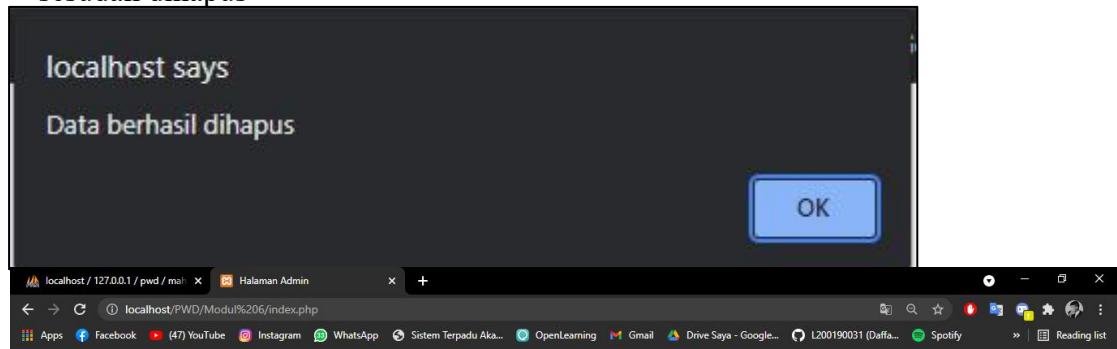
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3	Edit Hapus	L200190033	Budi	budi@gmail.com	Informatika	
4	Edit Hapus	L200190034	Sinta	sinta@gmail.com	Informatika	
5	Edit Hapus	L200190035	Ucup m	ucup@gmail.com	Informatikass	
6	Edit Hapus	L200190036	dilan dan milea	dilandanmilea@gmail.com	Informatika	

localhost says
apakah anda ingin menghapus data?

->sesudah dihapus



Daftar Mahasiswa

[Tambah data Mahasiswa](#)

No.	Aksi	Nim	Nama	Email	Jurusan	Gambar
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3	Edit Hapus	L200190033	Budi	budi@gmail.com	Informatika	
4	Edit Hapus	L200190034	Sinta	sinta@gmail.com	Informatika	
5	Edit Hapus	L200190035	Ucup m	ucup@gmail.com	Informatikass	