

Mata Kuliah : Pengembangan Aplikasi Web

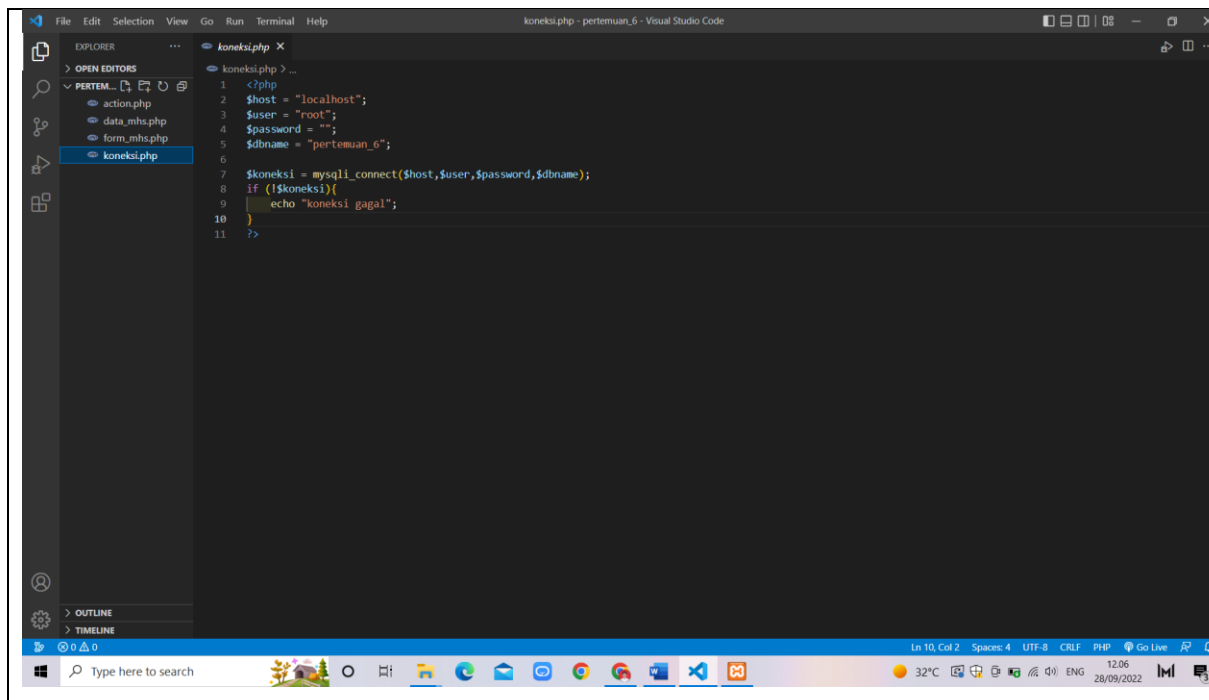
Nama : Rizki Ardian Samudra

NIM : 210411100179

Kelas : IF 3D

Laporan Output Pertemuan 6

1. Membuat file koneksi PHP untuk mengakses data di database MySQL



The screenshot shows the Visual Studio Code editor with a file named `koneksi.php` open. The code is as follows:

```
1 <?php
2 $host = "localhost";
3 $user = "root";
4 $password = "";
5 $dbname = "pertemuan_6";
6
7 $koneksi = mysqli_connect($host,$user,$password,$dbname);
8 if (!$koneksi){
9     echo "koneksi gagal";
10 }
11 ?>
```

The Explorer sidebar on the left shows a folder named `PERTEMUAN_6` containing files `action.php`, `data_mhs.php`, `form_mhs.php`, and `koneksi.php`. The status bar at the bottom indicates the file is at line 10, column 2, using UTF-8 encoding with CRLF line endings.

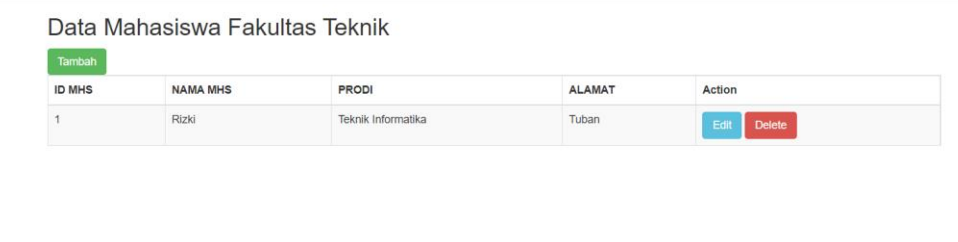
2. Membuat code untuk menampilkan data awal dari database menggunakan PHP

Source Code:

The screenshot shows a Visual Studio Code editor with a file named `data_mhs.php` open. The code is a PHP script that interacts with a MySQL database to manage student data. It includes a database connection, a query to fetch student information, and an HTML form for displaying and editing this data.

```
1 <?php
2 include "koneksi.php";
3
4 $sql = "SELECT id_mhs, nama_mhs, nama_prodi, alamat_mhs FROM tbl_mhs a, tbl_prodi p WHERE a.id_prodi = p.id_prodi";
5 $hasil = mysqli_query($koneksi, $sql);
6
7
8 <!DOCTYPE html>
9 <html>
10 <head>
11 <title>Canton Bootstrap</title>
12 <meta name="viewport" content="width=device-width, initial-scale=1">
13 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
14 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
15 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
16 </head>
17 <body>
18
19 <div class="container">
20 <div Data Mahasiswa Fasilitas Tambah</div>
21 <a href="form_mhs.php" class="button" type="button" class="btn btn-success">Tambah</a>
22
23 <div class="table-responsive">
24 <table class="table table-striped table-bordered">
25 <thead>
26 <tr>
27 <th>ID</th>
28 <th>NAMA</th>
29 <th>PRODI</th>
30 <th>ALAMAT</th>
31 <th>Action</th>
32 </tr>
33 </thead>
34 <tbody>
35 <tr>
36 <td colspan="5"><div>
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```

Tampilan WEB:



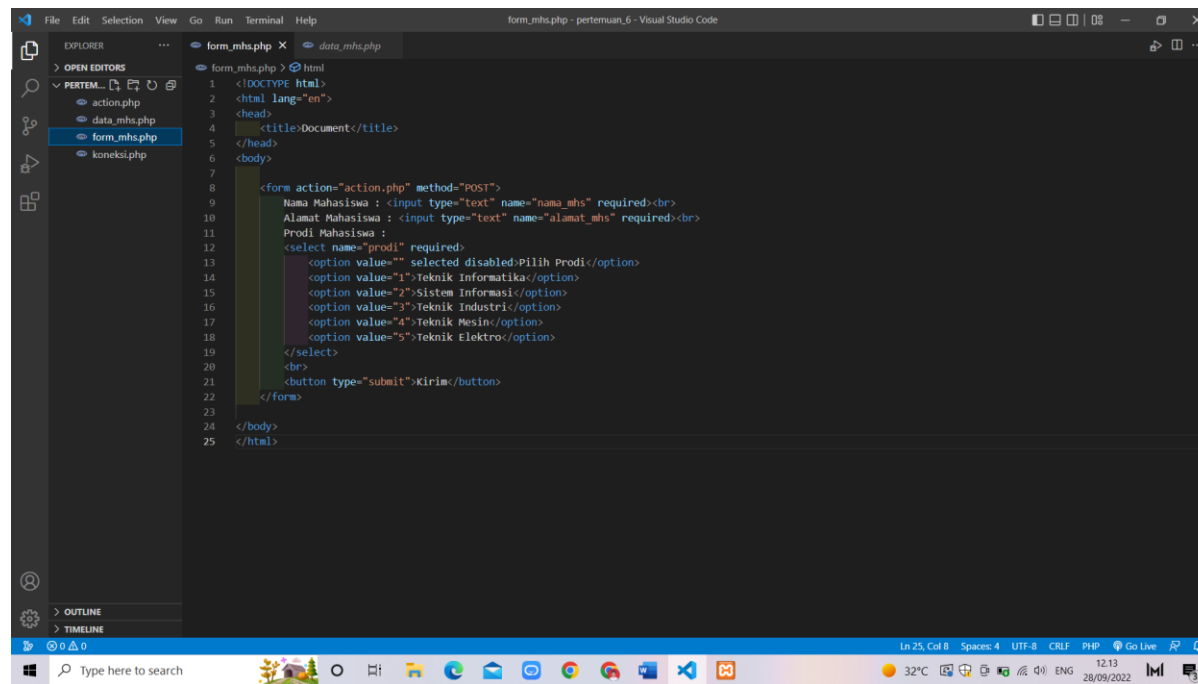
The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / pertemuan_6 / data_mhs.php'. The page content includes a heading 'Data Mahasiswa Fakultas Teknik' and a green button labeled 'Tambah'. Below this is a table with the following structure:

ID MHS	NAMA MHS	PRODI	ALAMAT	Action
1	Rizki	Teknik Informatika	Tuban	Edit Delete

The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons including File Explorer, Edge, and various utility programs. The system tray on the right indicates a temperature of 32°C, the date 28/09/2022, and the time 11:44.

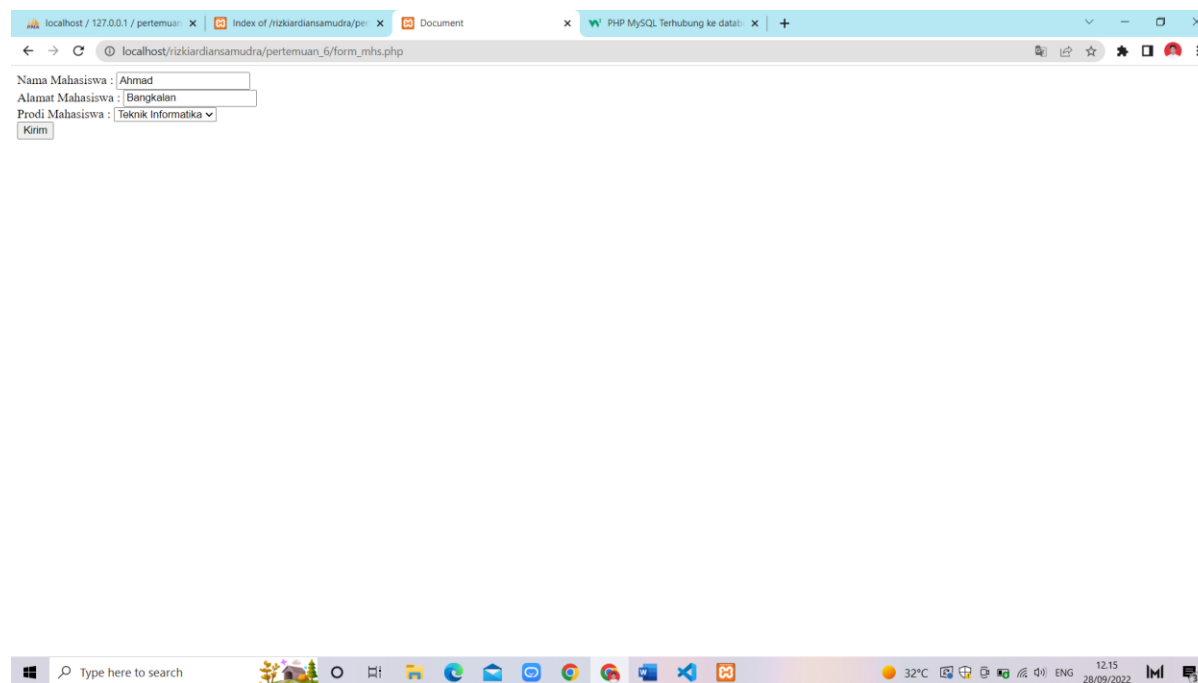
3. Membuat form untuk menerima inputan data user

Source Code:



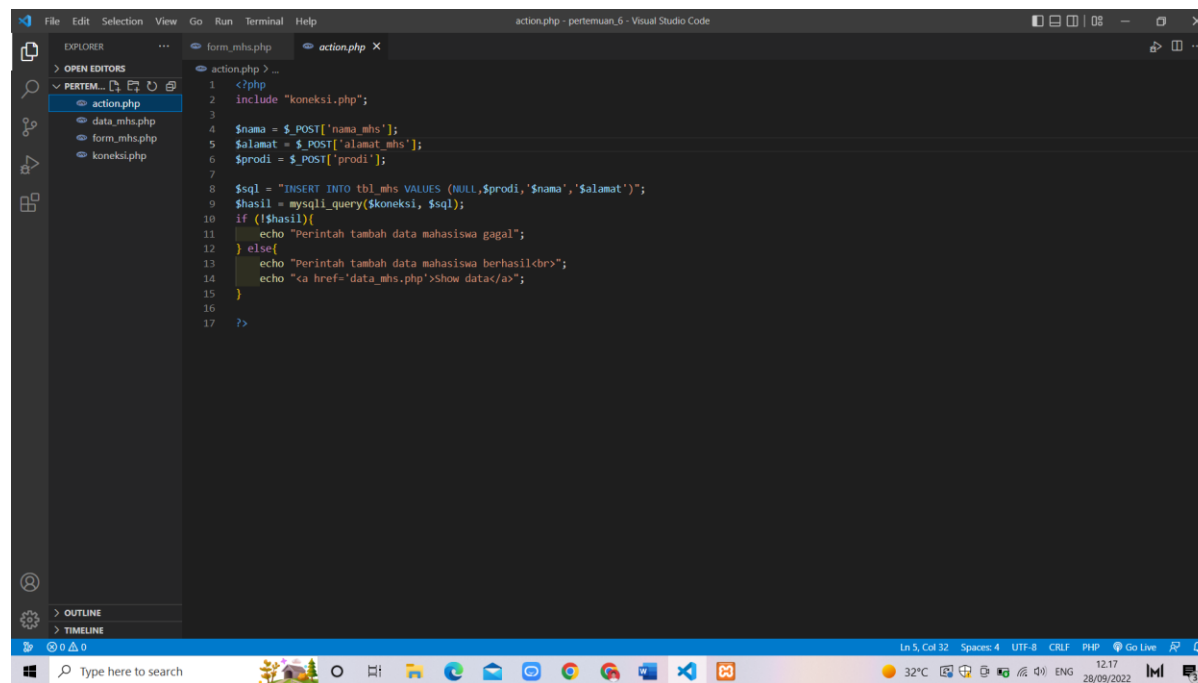
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>Document</title>
5 </head>
6 <body>
7
8 <form action="action.php" method="POST">
9   Nama Mahasiswa : <input type="text" name="nama_mhs" required><br>
10  Alamat Mahasiswa : <input type="text" name="alamat_mhs" required><br>
11  Prodi Mahasiswa :
12    <select name="prodi" required>
13      <option value="" selected disabled>Pilih Prodi</option>
14      <option value="1">Teknik Informatika</option>
15      <option value="2">Sistem Informatika</option>
16      <option value="3">Teknik Industri</option>
17      <option value="4">Teknik Mesin</option>
18      <option value="5">Teknik Elektro</option>
19    </select>
20    <br>
21    <button type="submit">Kirim</button>
22  </form>
23
24 </body>
25 </html>
```

Tampilan WEB:



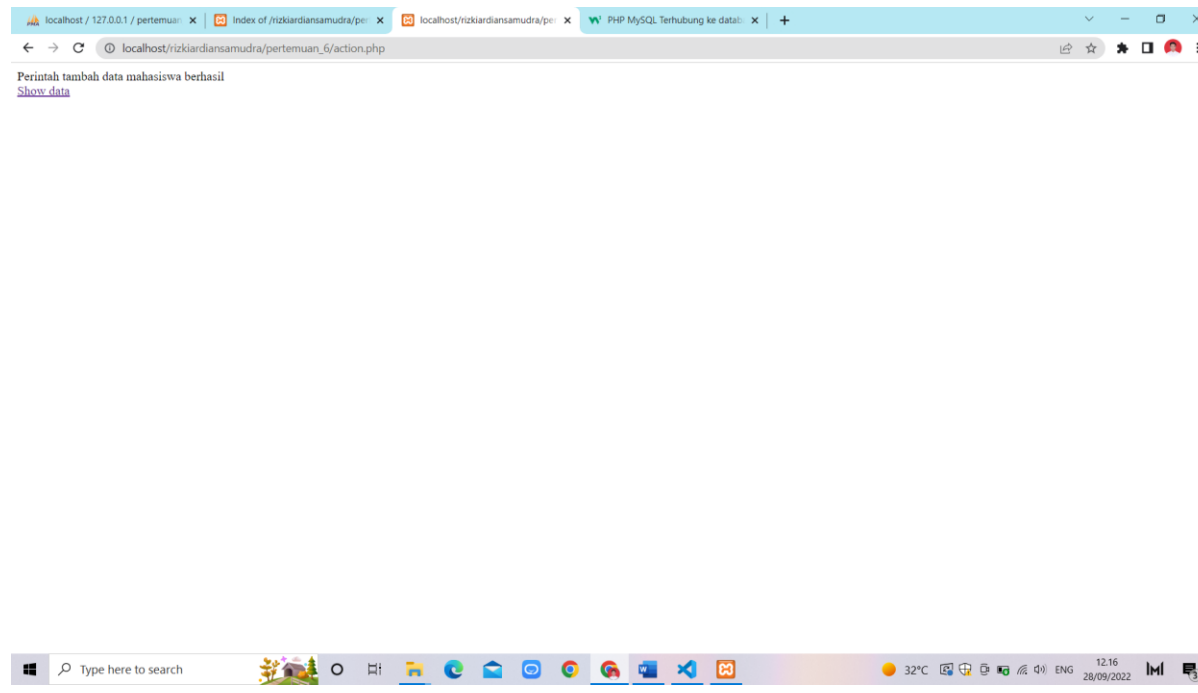
4. Membuat file action.php untuk memproses data dari form sehingga data dapat diteruskan ke dalam database kita

Source Code:



```
1 <?php
2 include "koneksi.php";
3
4 $nama = $_POST['nama_mhs'];
5 $alamat = $_POST['alamat_mhs'];
6 $prodi = $_POST['prodi'];
7
8 $sql = "INSERT INTO tbi_mhs VALUES (NULL,$prodi,$nama,$alamat)";
9 $hasil = mysqli_query($koneksi, $sql);
10 if (!$hasil){
11     echo "Perintah tambah data mahasiswa gagal";
12 } else{
13     echo "Perintah tambah data mahasiswa berhasil<br>";
14     echo "<a href='data_mhs.php'>show data</a>";
15 }
16
17 ?>
```

Tampilan WEB:



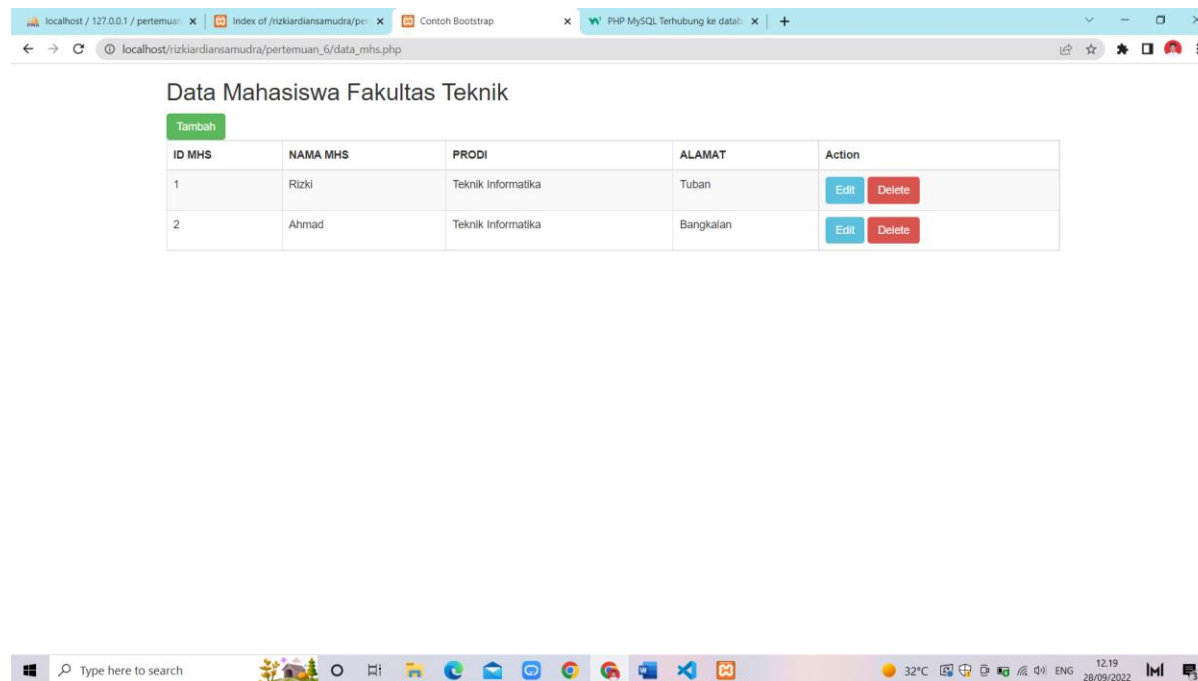
5. Menampilkan data yang telah kita masukkan tadi

Source Code:

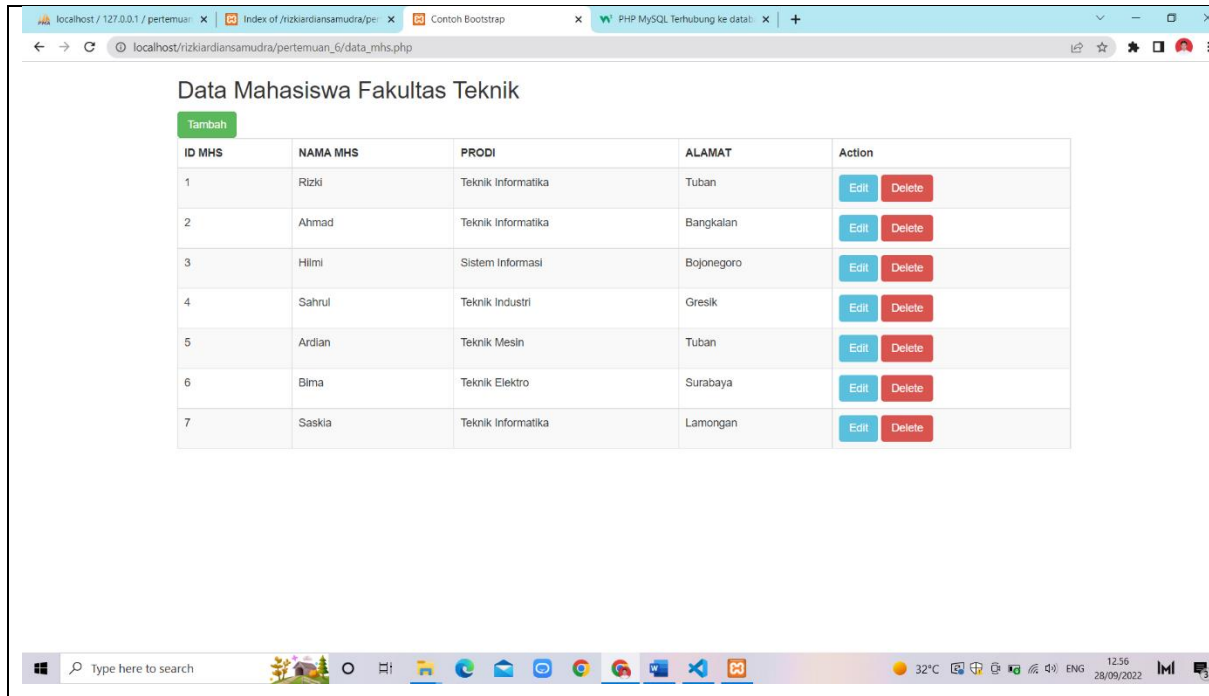
```
File Edit Selection View Go Run Terminal Help
data_mhs.php - pertemuan_6 - Visual Studio Code

1 <?php
2 include "koneksi.php";
3
4 $sql = "SELECT id_mhs, nama_mhs, nama_prodi, alamat_mhs FROM tbl_mhs m, tbl_prodi p WHERE m.id_prodi = p.id_prodi";
5 $hasil = mysqli_query($koneksi, $sql);
6
7
8 <!DOCTYPE html>
9 <html>
10 <head>
11 <title>Contoh Bootstrap</title>
12 <meta name="viewport" content="width=device-width, initial-scale=1">
13 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
14 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
15 </head>
16 <body>
17
18 <div class="container">
19 <h2>Data Mahasiswa Fakultas Teknik</h2>
20 <a href="form_mhs.php" class="btn btn-success">Tambah</a>
21
22 <table>
23 <thead>
24 <tr>
25 <th>ID MHS</th>
26 <th>NAMA MHS</th>
27 <th>PRODI</th>
28 <th>ALAMAT</th>
29 <th>Action</th>
30 </tr>
31 </thead>
32 <tbody>
33 <?php while($baris = mysqli_fetch_assoc($hasil)) { ?>
34
35 <tr>
36 <td>{$baris['id_mhs']}</td>
37 <td>{$baris['nama_mhs']}</td>
38 <td>{$baris['nama_prodi']}</td>
39 <td>{$baris['alamat_mhs']}</td>
40 <td>
41 <a href="#" class="btn btn-info">Edit</a>
42 <a href="#" class="btn btn-danger">Delete</a>
43 </td>
44 </tr>
45 </tbody>
46 </table>
47 </div>
48 </body>
49 </html>
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```

Tampilan WEB:



6. Akhirnya dengan cara tersebut kita bisa menambahkan banyak data kedalam database menggunakan form PHP



The screenshot shows a web browser window with the URL `localhost/rizkiardiansamudra/pertemuan_6/data_mhs.php`. The page title is "Data Mahasiswa Fakultas Teknik". There is a green "Tambah" button at the top left. Below it is a table with 5 columns: ID MHS, NAMA MHS, PRODI, ALAMAT, and Action. The table contains 7 rows of student data. Each row has "Edit" and "Delete" buttons in the Action column.

ID MHS	NAMA MHS	PRODI	ALAMAT	Action
1	Rizki	Teknik Informatika	Tuban	Edit Delete
2	Ahmad	Teknik Informatika	Bangkalan	Edit Delete
3	Hilmi	Sistem Informasi	Bojonegoro	Edit Delete
4	Sahrul	Teknik Industri	Gresik	Edit Delete
5	Ardian	Teknik Mesin	Tuban	Edit Delete
6	Bima	Teknik Elektro	Surabaya	Edit Delete
7	Saskia	Teknik Informatika	Lamongan	Edit Delete