

TUGAS PRAKTIKUM

PRAKTIKUM PAW

MODUL 5

“Database MySQL”



Disusun Oleh:

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NIM: 210411100054

Kelas: PAW – D

Dosen Pengampu:

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PRODI TEKNIK INFORMATIKA

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNIK

UNIVERSITAS TRUNOJOYO MADURA

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1. Soal:

Buatlah sebuah database **mahasiswa** yg berisi table dengan nama **tbl_mahasiswa** dengan record **nrp**, **nama**, **email**, dan **alamat**.

Source Code:

```
CREATE DATABASE mahasiswa

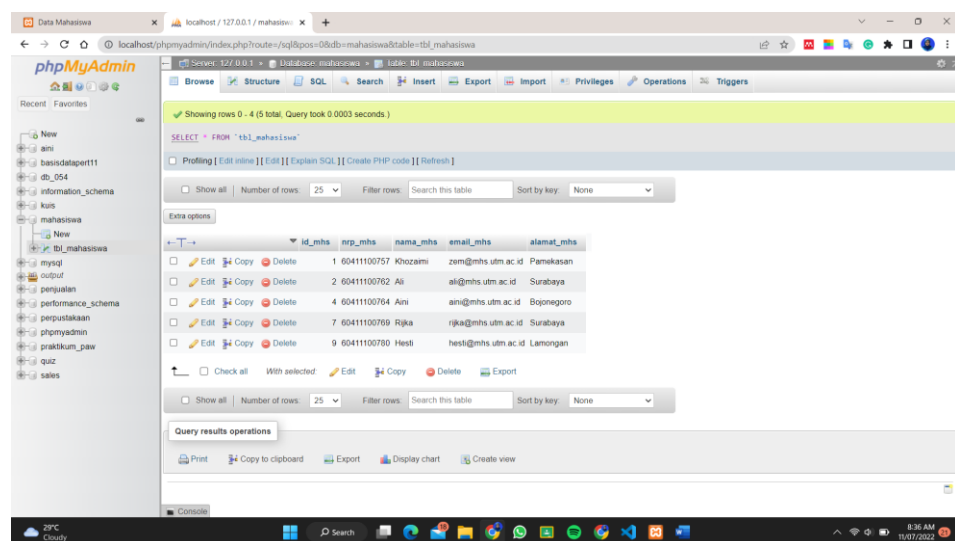
CREATE TABLE tbl_mahasiswa (
id_mhs INT NOT NULL AUTO_INCREMENT ,
nrp_mhs VARCHAR(12),
nama_mhs VARCHAR(45),
email_mhs VARCHAR(100),
alamat_mhs VARCHAR(150),
PRIMARY KEY (id_mhs)
);

SELECT * FROM mahasiswa.tbl_mahasiswa

INSERT INTO tbl_mahasiswa (id_mhs, nrp_mhs, nama_mhs,
email_mhs, alamat_mhs)
VALUES (NULL, 060411100757, 'Khoza'imi', 'zem@mhs.utm.ac.id',
'Pamekasan'),
(NULL, 060411100762, 'Ali', 'ali@mhs.utm.ac.id', 'Surabaya')

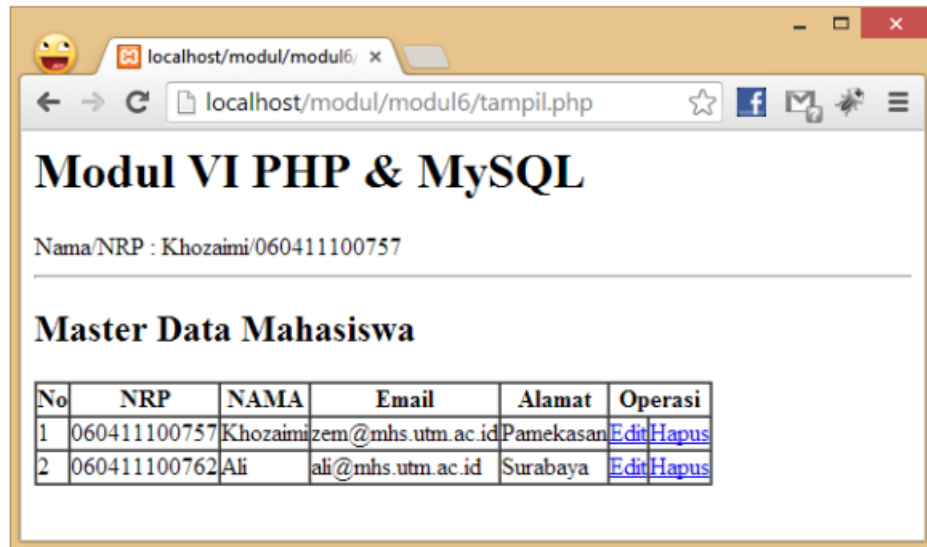
SELECT * FROM mahasiswa.tbl_mahasiswa;
```

Screenshoot:



2. Soal:

Buatlah beberapa file php yang dapat **memasukkan, menampilkan, meng-update** dan **menghapus** data yang ada dalam database **mahasiswa** tersebut!



Source Code koneksi.php:

```
<?php
$host = "localhost";
$user = "root";
$password = "";
$dbname = "mahasiswa";

$koneksi = mysqli_connect($host, $user, $password, $dbname);

if (!$koneksi) {
    echo "koneksi gagal";
}

?>
```

Source Code data_mhs.php:

```
<?php
include "nomor2_koneksi.php";
$sql = "SELECT * FROM tbl_mahasiswa";
$hasil = mysqli_query($koneksi, $sql);
```

```
if (!$hasil) {
    echo "query gagal";
}
?>

<!DOCTYPE html>
<html Lang="en">
    <head>
        <title>Data Mahasiswa</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width,
initial-scale=1">
        <link href="css/style.css" rel="stylesheet">
        <style>
            .table_mhs {
                border-collapse: collapse;
            }
            .table_mhs, th, td {
                border: 1px solid black;
                padding: 8px 20px;
            }

            .button_tambah {
                background-color: #00bf00;
                border: 1px solid black;
                border-radius: 2px;
            }

            .button_edit {
                background-color: #1c8dff;
                border: 1px solid black;
                border-radius: 2px;
            }

            .button_delete {
                background-color: #ff0000;
                border: 1px solid black;
                border-radius: 2px;
            }

            button, a {
                text-decoration: none;
                color: white;
            }

        </style>
```

```

</head>
<body>
<h1>Modul VI PHP & MySQL</h1>
<p>Nama/NRP : Siti Nur Aini/210411100054</p>
<hr>

<table border="1" class="table_mhs">
  <h1>Master Data Mahasiswa</h1>
  <button type="submit" class="button_tambah"><a
href="nomor2_tambah.php">TAMBAH</a></button>
  <br><br>
  <tr>
    <th>No</th>
    <th>NRP</th>
    <th>NAMA</th>
    <th>Email</th>
    <th>Alamat</th>
    <th>Operasi</th>
  </tr>

  <?php
  while ($baris = mysqli_fetch_assoc($hasil)){
    ?>
    <tr>
      <td><?php echo $baris['id_mhs']; ?> </td>
      <td><?php echo $baris['nrp_mhs']; ?> </td>
      <td><?php echo $baris['nama_mhs']; ?> </td>
      <td><?php echo $baris['email_mhs']; ?> </td>
      <td><?php echo $baris['alamat_mhs']; ?> </td>
      <td>
        <button type="submit" class="button_edit"><a
href="nomor2_edit.php?id=<?php echo $baris['id_mhs'];
?>">EDIT</a></button> |
        <button type="submit" class="button_delete"><a
href="nomor2_delete.php?id=<?php echo $baris['id_mhs']; ?>"
onClick="return confirm('Yakin?')">DELETE</a></button>

      </td>
    </tr>
  <?php } ?>
</table>
</body>
</html>

```

Source Code tambah.php:

```
<!DOCTYPE html>
<html Lang="en">
  <head>
    <title>Tambah Data Mahasiswa</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link href="css/style.css" rel="stylesheet">
    <style>

    .judul{
      text-align: center;
    }

    .kotak_tambah{
      width: 300px;
      background: #f2fff2;
      margin: 80px auto;
      padding: 30px 20px;
      border: solid 1px black;
      border-radius: 10px;
    }
    input {
      border: solid 1px #00bf00;
      width:290px;
      height:25px;
    }
    .submit{
      width:200px;
      height:35px;
      background: #00bf00;
      font-size: 11pt;
      width: 100%;
      border: none;
      border-radius: 17px;
      color: white;
    }

  </style>
</head>
<body>
  <div class="kotak_tambah">
    <h2 class="judul">Tambah Data Mahasiswa</h2>
    <form method="post" action="nomor2_action_tambah.php">
      <strong>NRP :</strong>
```

```

        <br>
        <input type="text" name="nrp_mhs" >
        <br><br>
        <strong>Nama :</strong>
        <br>
        <input type="text" name="nama_mhs" >
        <br><br>
        <strong>Email :</strong>
        <br>
        <input type="text" name="email_mhs" >
        <br><br>
        <strong>Alamat :</strong>
        <br>
        <input type="text" name="alamat_mhs" >
        <br><br>
        <button type="submit" name="submit"
class="submit">Tambah</button>
    </form>
</div>
</body>
</html>

```

Source Code action_tambah.php:

```

<?php
include "nomor2_koneksi.php";

$nrp = $_POST['nrp_mhs'];
$nama = $_POST['nama_mhs'];
$email = $_POST['email_mhs'];
$alamat = $_POST['alamat_mhs'];

$sql = "INSERT INTO tbl_mahasiswa value(null, '$nrp', '$nama',
'$email' , '$alamat')";
$hasil = mysqli_query($koneksi, $sql);

if ($hasil) {
    header("Location: nomor2_data_mhs.php");
}else {
    echo "tambah mahasiswa gagal";
}

?>

```

Source Code edit.php:

```
<?php
include "nomor2_koneksi.php";
$id = $_GET['id'];
$sql = "SELECT * FROM tbl_mahasiswa where id_mhs = $id";
$hasil = mysqli_query($koneksi, $sql);
if (!$hasil) {
    echo "query gagal";
}

?>

<!DOCTYPE html>
<html Lang="en">
    <head>
        <title>Edit Data Mahasiswa</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width,
initial-scale=1">
        <link href="css/style.css" rel="stylesheet">
        <style>
            .judul{
                text-align: center;
            }

            .kotak_edit{
                width: 300px;
                background: #d9ecff;
                margin: 80px auto;
                padding: 30px 20px;
                border: solid 1px black;
                border-radius: 10px;
            }

            input {
                border: solid 1px #0080ff;
                width: 290px;
                height: 25px;
            }

            .submit{
                width: 200px;
                height: 35px;
                background: #0080ff;
                font-size: 11pt;
            }
        </style>
    </head>
    <body>
        <div class="judul">
            <h2>Edit Data Mahasiswa</h2>
        </div>
        <div class="kotak_edit">
            <input type="text" value="$id"/>
            <input type="submit" value="Edit Data"/>
        </div>
    </body>
</html>
```



```

        width: 100%;
        border: none;
        border-radius: 17px;
        color: white;
    }
</style>
</head>
<body>
    <?php
        while ($baris = mysqli_fetch_array($hasil)) {

            ?>
            <div class="kotak_edit">
                <h2 class="judul">Edit Data Mahasiswa</h2>
                <form method="post" action="nomor2_action_edit.php">
                    <input type="hidden" name="id_mhs" value="<?php
echo $baris['id_mhs']; ?>">
                    <strong>NRP :</strong>
                    <br>
                    <input type="text" name="nrp_mhs" value="<?php echo
$baris['nrp_mhs']; ?>">
                    <br><br>
                    <strong>Nama :</strong>
                    <br>
                    <input type="text" name="nama_mhs" value="<?php
echo $baris['nama_mhs']; ?>">
                    <br><br>
                    <strong>Email :</strong>
                    <br>
                    <input type="text" name="email_mhs" value="<?php
echo $baris['email_mhs']; ?>">
                    <br><br>
                    <strong>Alamat :</strong>
                    <br>
                    <input type="text" name="alamat_mhs" value="<?php
echo $baris['alamat_mhs']; ?>">
                    <br><br>
                    <button type="submit" name="submit"
class="submit">Update</button>
                </form>
            </div>
            <?php } ?>
        </body>
</html>

```

Source Code action_edit.php:

```
<?php
include "nomor2_koneksi.php";

$id = $_POST["id_mhs"];
$nrp = $_POST['nrp_mhs'];
$nama = $_POST['nama_mhs'];
$email = $_POST['email_mhs'];
$alamat = $_POST['alamat_mhs'];

$sql = "UPDATE tbl_mahasiswa SET nrp_mhs = '$nrp', nama_mhs =
'$nama', email_mhs = '$email', alamat_mhs = '$alamat' WHERE
id_mhs = $id";
$hasil = mysqli_query($koneksi,$sql);

if ($hasil) {
    header("Location: nomor2_data_mhs.php");
}else {
    echo "edit data mahasiswa gagal";
}

?>
```

Source Code delete.php:

```
<?php

include "nomor2_koneksi.php";

$id = $_GET["id"];

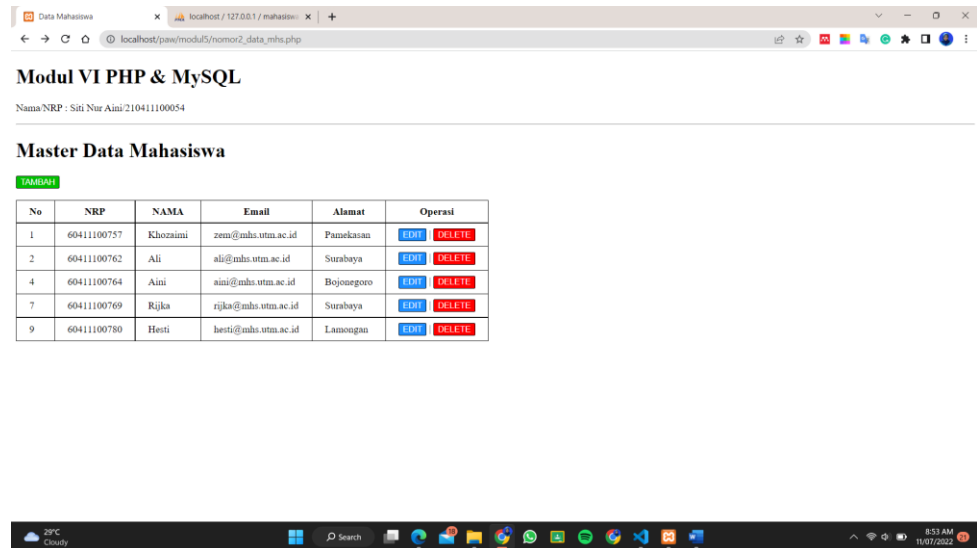
$sql = "DELETE FROM tbl_mahasiswa WHERE id_mhs = $id";
$hasil = mysqli_query($koneksi,$sql);

if ($hasil) {
    header("Location: nomor2_data_mhs.php");
}else {
    echo "hapus data mahasiswa gagal";
}

?>
```

Screenshoot:

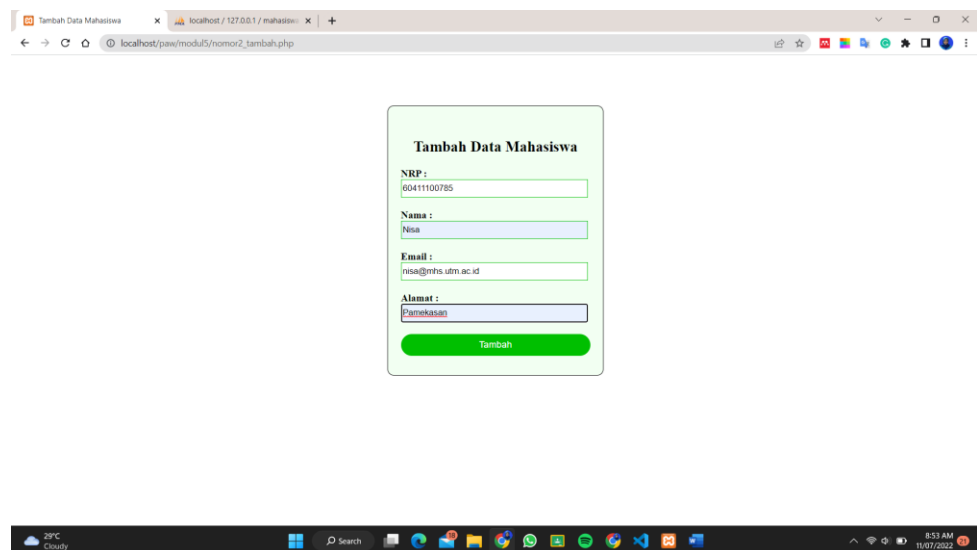
Menampilkan data mahasiswa



The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / mahasiswa'. The page title is 'Modul VI PHP & MySQL'. Below the title, it says 'Nama/NRP : Siti Nur Aini/210411100054'. The main heading is 'Master Data Mahasiswa'. There is a green button labeled 'TAMBAH'. Below this is a table with 6 columns: No, NRP, NAMA, Email, Alamat, and Operasi. The table contains 6 rows of student data. Each row has 'EDIT' and 'DELETE' buttons in the 'Operasi' column.

No	NRP	NAMA	Email	Alamat	Operasi
1	60411100757	Khodzaini	zen@mhs.utm.ac.id	Pamekasan	EDIT DELETE
2	60411100762	Ali	ali@mhs.utm.ac.id	Surabaya	EDIT DELETE
4	60411100764	Aini	aini@mhs.utm.ac.id	Bojonegoro	EDIT DELETE
7	60411100769	Rijka	rijka@mhs.utm.ac.id	Surabaya	EDIT DELETE
9	60411100780	Hesti	hesti@mhs.utm.ac.id	Lamongan	EDIT DELETE

Menambah data mahasiswa



The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / mahasiswa'. The page title is 'Tambah Data Mahasiswa'. The form contains the following fields: NRP (60411100785), Nama (Nisa), Email (nisa@mhs.utm.ac.id), and Alamat (Pamekasan). There is a green button labeled 'Tambah' at the bottom of the form.

Tambah Data Mahasiswa

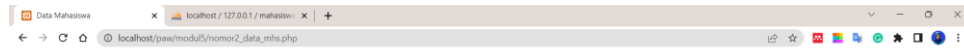
NRP :
60411100785

Nama :
Nisa

Email :
nisa@mhs.utm.ac.id

Alamat :
Pamekasan

Tambah



Modul VI PHP & MySQL

Nama NRP : Siti Nur Aini/210411100054

Master Data Mahasiswa

TAMBAH

No	NRP	NAMA	Email	Alamat	Operasi
1	60411100757	Khozaimi	zen@mhs.utm.ac.id	Pamekasan	EDIT DELETE
2	60411100762	Ali	ali@mhs.utm.ac.id	Surabaya	EDIT DELETE
4	60411100764	Aini	aini@mhs.utm.ac.id	Bojonegoro	EDIT DELETE
7	60411100769	Rijka	rijka@mhs.utm.ac.id	Surabaya	EDIT DELETE
9	60411100780	Hesti	hesti@mhs.utm.ac.id	Lamongan	EDIT DELETE
10	60411100785	Nisa	nisa@mhs.utm.ac.id	Pamekasan	EDIT DELETE



Mengupdate data mahasiswa

Mengupdate mahasiswa dengan nama Nisa = Nisa Putri, alamat Pamekasan = Gresik.



Edit Data Mahasiswa

NRP :
60411100785

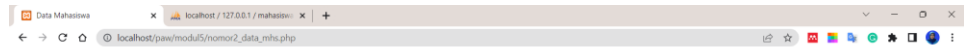
Nama :
Nisa Putri

Email :
nisa@mhs.utm.ac.id

Alamat :
Gresik

[Update](#)





Modul VI PHP & MySQL

Nama NRP : Siti Nur Aini/210411100054

Master Data Mahasiswa

[TAMBAH](#)

No	NRP	NAMA	Email	Alamat	Operasi
1	60411100757	Khozaimi	zem@mhs.utm.ac.id	Pamekasan	EDIT DELETE
2	60411100762	Ali	ali@mhs.utm.ac.id	Surabaya	EDIT DELETE
4	60411100764	Aini	aini@mhs.utm.ac.id	Bojonegoro	EDIT DELETE
7	60411100769	Rijka	rijka@mhs.utm.ac.id	Surabaya	EDIT DELETE
9	60411100780	Hesti	hesti@mhs.utm.ac.id	Lamongan	EDIT DELETE
10	60411100785	Nisa Putri	nisa@mhs.utm.ac.id	Gresik	EDIT DELETE



Menghapus data mahasiswa

Menghapus mahasiswa dengan nama Nisa Putri



Modul VI PHP & MySQL

Nama NRP : Siti Nur Aini/210411100054

Master Data Mahasiswa

[TAMBAH](#)

No	NRP	NAMA	Email	Alamat	Operasi
1	60411100757	Khozaimi	zem@mhs.utm.ac.id	Pamekasan	EDIT DELETE
2	60411100762	Ali	ali@mhs.utm.ac.id	Surabaya	EDIT DELETE
4	60411100764	Aini	aini@mhs.utm.ac.id	Bojonegoro	EDIT DELETE
7	60411100769	Rijka	rijka@mhs.utm.ac.id	Surabaya	EDIT DELETE
9	60411100780	Hesti	hesti@mhs.utm.ac.id	Lamongan	EDIT DELETE
10	60411100785	Nisa Putri	nisa@mhs.utm.ac.id	Gresik	EDIT DELETE



TAMBAH

No	NRP	NAMA	Email	Alamat	Operasi
1	6041100757	Khozaimi	zem@mhs.utm.ac.id	Pamekasan	EDIT DELETE
2	60411100762	Ali	ali@mhs.utm.ac.id	Surabaya	EDIT DELETE
4	6041100764	Aini	aini@mhs.utm.ac.id	Bojonegoro	EDIT DELETE
7	6041100769	Rijka	rijka@mhs.utm.ac.id	Surabaya	EDIT DELETE
9	60411100780	Hesti	hesti@mhs.utm.ac.id	Lamongan	EDIT DELETE