

**TUGAS PRAKTIKUM**  
**PRAKTIKUM PAW**  
**MODUL 5 “DATABASE MySQL”**



**Disusun Oleh:**

Nama: Muhamad Nizamudin

NIM: 200411100193

Kelas: PAW B

**Dosen Pengampu:**

Nama: Ach. Khozaimi, S.Kom., M.Kom

NIP: 198609262014041001

**Asisten Praktikum:**

Nama: Alief Fadhilah Athallariq

NIM: 1804111000028

**PRODI TEKNIK INFORMATIKA**  
**JURUSAN TEKNIK INFORMATIKA**  
**FAKULTAS TEKNIK**  
**UNIVERSITAS TRUNOJOYO MADURA**  
**2022**

## 1. Soal

buatlah sebuah database mahasiswa yang berisi table dengan nama tbl\_mahasiswa dengan record nrp, nama, email dan alamat.

### Screenshot

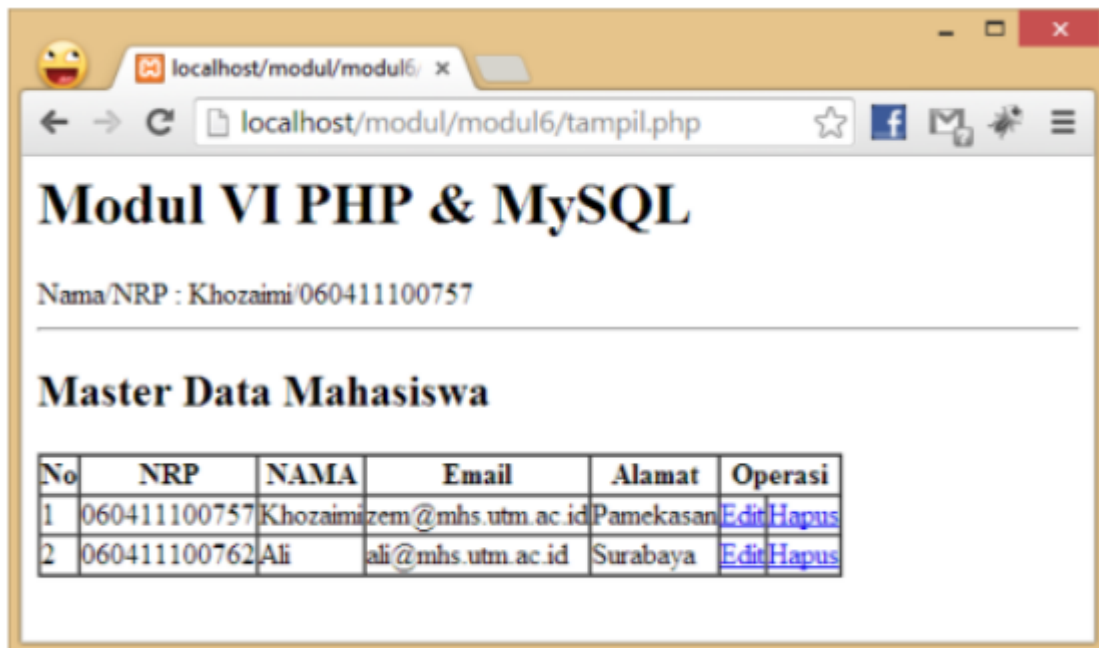
Server: 127.0.0.1 » Database: dbmahasiswa » Tabel: tbl\_mahasiswa

Struktur tabel    Tampilan hubungan

	#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
<input type="checkbox"/>	1	id_mhs	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	
<input type="checkbox"/>	2	nrp	varchar(20)	utf8mb4_general_ci		Tidak	Tidak ada			
<input type="checkbox"/>	3	nama	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			
<input type="checkbox"/>	4	email	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			
<input type="checkbox"/>	5	alamat	varchar(255)	utf8mb4_general_ci		Tidak	Tidak ada			

## 2. Soal

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



### code

koneksi.php (untuk menghubungkan file php dengan database)

```
<?php
$host = 'localhost';
$user = 'root';
$password = '';
```

```
$dbname = 'dbmahasiswa';

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

?>
```

### index.php (untuk menampilkan data)

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

    $sql = "SELECT * FROM tbl_mahasiswa";
    $hasil = mysqli_query($koneksi,$sql);
?>
<!DOCTYPE html>
<html Lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/c
ss/bootstrap.min.css" rel="stylesheet"
integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tj
fHxaWutUpFmBp4vmVor" crossorigin="anonymous">
    <title>Data Mahasiswa</title>
</head>
<body>
    <div class="container">
        <H1>MODUL VI PHP & MySQL</H1>
        <p>Nama/NRP : Muhamad Nizamudin/200411100193</p>
        <a href="tambah.php"><button class="btn
btn-primary">Tambah Data</button></a>
        <br><br><table class="table table-bordered">
            <thead>
```

```

        <tr class="table-dark">
            <td>ID</td>
            <td>NIM</td>
            <td>Nama</td>
            <td>Email</td>
            <td>Alamat</td>
            <td>Action</td>
        </tr>
    </thead>
    <?php
        while($row = mysqli_fetch_array($hasil)){
    ?>
    <tbody>
        <tr>
            <td><?=$row['id_mhs']?></td>
            <td><?=$row['nrp']?></td>
            <td><?=$row['nama']?></td>
            <td><?=$row['email']?></td>
            <td><?=$row['alamat']?></td>
            <td>
                <a href="editForm.php?id=<?=$row['id_mhs']?>"><button class="btn
                btn-warning">Edit</button></a>
                <a href="hapus.php?id=<?=$row['id_mhs']?>"><button class="btn
                btn-danger">Delete</button></a>
            </td>
        </tr>
    </tbody>
    <?php
        }
    ?>
</table>

</div>
</body>

```

```
</html>
```

### tambah.php (form tambah data)

```
<!DOCTYPE html>
<html Lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <Link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/c
ss/bootstrap.min.css" rel="stylesheet"
integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tj
fHxawutUpFmBp4vmVor" crossorigin="anonymous">
  <title>Tambah Data Mahasiswa</title>
</head>
<body>
  <div class="container">
    <center>
      <h1>MENAMBAH DATA</h1>
      <H3>(CREATE)</H3>
    </center>
    <form action="add.php" method="post">
      <Label class="form-label">NIM</Label>
      <input type="number" class="form-control"
name="nrp">
      <Label class="form-label">Nama</Label>
      <input type="text" class="form-control"
name="nama">
      <Label class="form-label">Email</Label>
      <input type="email" class="form-control"
name="email">
      <Label class="form-label">Alamat</Label>
      <input type="text" class="form-control"
name="alamat"><br><br>
```

```
        <button type="submit" class="btn
btn-primary">Submit</button>

    </form>

</div>

</body>

</html>
```

#### **add.php (untuk memasukkan inputan pada tambah.php ke data base)**

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

$nrp = $_POST['nrp'];
$nama = $_POST['nama'];
$email = $_POST['email'];
$alamat = $_POST['alamat'];

$sql = "INSERT INTO tbl_mahasiswa VALUES('null', '$nrp',
'$nama',
'$email', '$alamat')";
$hasil = mysqli_query($koneksi, $sql);
if(!$hasil){
    echo "gagal";
}else{
    echo"<script type='text/javascript'>alert('Berhasil
Menambah Data');document.Location.href='index.php'</script>";
}
?>
```

#### **hapus.php (untuk menghapus data)**

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

$id = $_GET['id'];
echo($id);
```

```

$sql = "DELETE FROM tbl_mahasiswa WHERE id_mhs = '$id'";
$hasil = mysqli_query($koneksi,$sql);
if(!$hasil){
    echo "gagal";
}else{
    echo"<script type='text/javascript'>alert('Berhasil
Menghapus Data');document.Location.href='index.php'</script>";
}
?>

```

### editForm.php (form untuk mengupdate data pada database)

```

<?php
    include "koneksi.php";
    $id = $_GET["id"];

    $sql = "SELECT * FROM tbl_mahasiswa WHERE id_mhs = '$id'";
    $hasil = mysqli_query($koneksi,$sql);
?>

<!DOCTYPE html>
<html Lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/c
ss/bootstrap.min.css" rel="stylesheet"
integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tj
fHxaWutUpFmBp4vmVor" crossorigin="anonymous">
    <title>Document</title>
</head>
<body>

```

```

<div class="container">

    <center>

        <h1>MENGUBAH DATA MAHASISWA</h1>

        <H3>(UPDATE)</H3>

    </center>

    <form action="edit.php" method="post">

        <?php

            while($row = mysqli_fetch_array($hasil)){

                ?>

                <input type="hidden" name="id"
value="<?=$row['id_mhs']?>">

                <label class="form-label">NIM</label>

                <input type="number" class="form-control"
name="nrp" value="<?=$row['nrp']?>">

                <label class="form-label">Nama</label>

                <input type="text" class="form-control" name="nama"
value="<?=$row['nama']?>">

                <label class="form-label">Email</label>

                <input type="email" class="form-control"
name="email" value="<?=$row['email']?>">

                <label class="form-label">Alamat</label>

                <input type="text" class="form-control"
name="alamat" value="<?=$row['alamat']?>"><br><br>

                <button type="submit" class="btn
btn-primary">Submit</button>

                <?php

                    }

                ?>

            </form>

        </div>

    </body>

</html>

```

**edit.php (untuk update data pada database berdasarkan inputan dari editForm.php)**

```

<?php

```



```

include "koneksi.php";

$id = $_POST['id'];
$nrp = $_POST['nrp'];
$nama = $_POST['nama'];
$email = $_POST['email'];
$alamat = $_POST['alamat'];

$sql = "UPDATE tbl_mahasiswa set nrp = '$nrp', nama='$nama',
email = '$email', alamat = '$alamat' where id_mhs = $id";

$hasil = mysqli_query($koneksi, $sql);

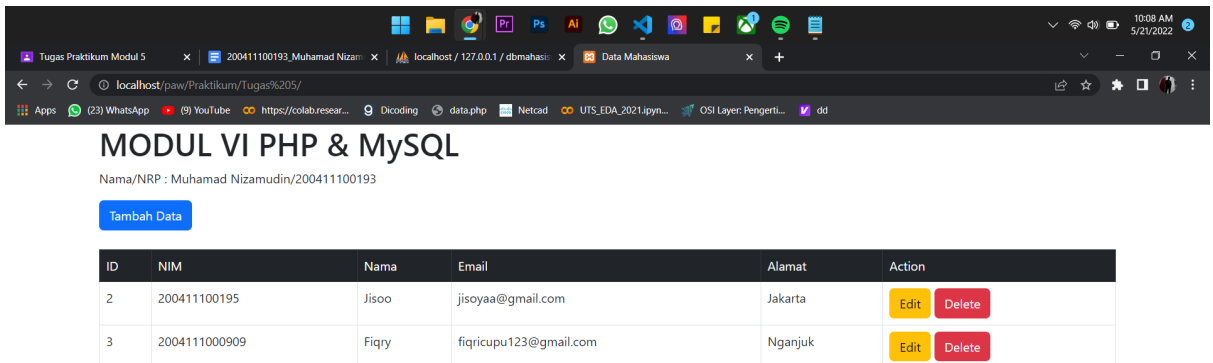
// var_dump($hasil);die;

if(!$hasil){
    echo "gagal";
}else{
    echo"<script type='text/javascript'>alert('Berhasil
Mengubah Data');document.Location.href='index.php'</script>";
}

?>

```

## Screenshot menampilkan data



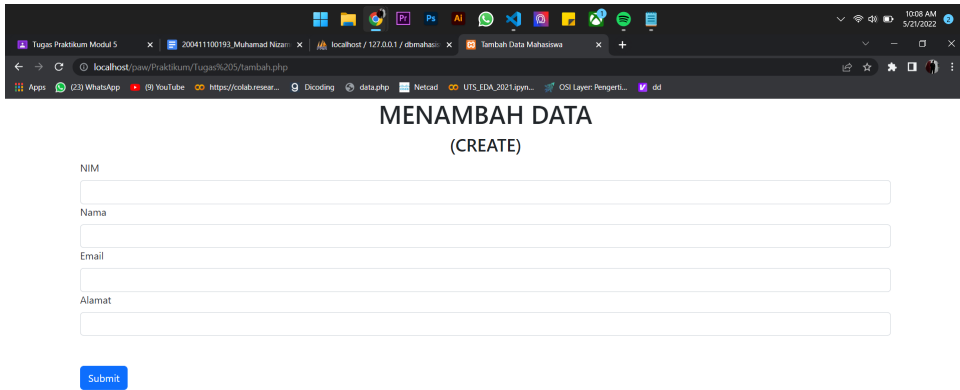
MODUL VI PHP & MySQL

Nama/NRP : Muhamad Nizamudin/200411100193

[Tambah Data](#)

ID	NIM	Nama	Email	Alamat	Action
2	200411100195	Jisoo	jisoyaa@gmail.com	Jakarta	<a href="#">Edit</a> <a href="#">Delete</a>
3	2004111000909	Fiqiy	fiqricupu123@gmail.com	Nganjuk	<a href="#">Edit</a> <a href="#">Delete</a>

## menambah data



**MENAMBAH DATA**  
(CREATE)

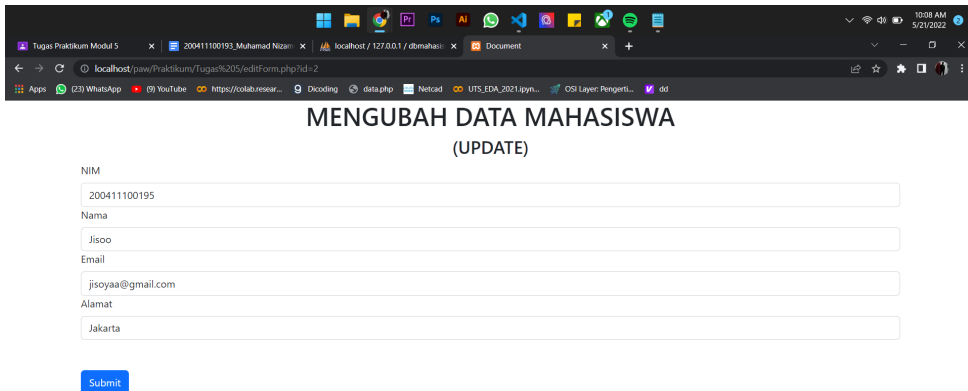
NIM

Nama

Email

Alamat

## mengedit data



**MENGUBAH DATA MAHASISWA**  
(UPDATE)

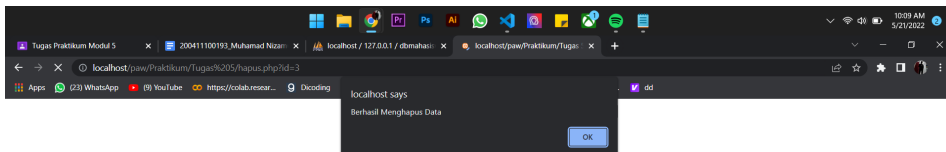
NIM

Nama

Email

Alamat

## menghapus data



localhost says:  
Berhasil Menghapus Data