# LAPORAN RESMI PRAKTIKUM KONSEP PEMOGRAMAN



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## Tugas 7 PHP MySQL Dasar

#### 1. database.php

```
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "dbsiswa";
    $connect = mysqli_connect($servername, $username, $password, $dbname);
    function query ($query){
        global $connect;
        $result = mysqli_query($connect, $query);
        $rows = [];
        while( $row = mysqli_fetch_assoc($result)) {
            $rows[] = $row;
        return $rows;
    function tambahData ($data){
        global $connect;
        $nrp = htmlspecialchars($data['nrp']);
        $nama = htmlspecialchars($data['nama']);
        $jenis_kelamin = htmlspecialchars($data['jenis_kelamin']);
        $agama = htmlspecialchars($data['agama']);
        $umur = htmlspecialchars($data['umur']);
        $alamat = htmlspecialchars($data['alamat']);
        $query = "INSERT INTO siswa
                ('$nrp', '$nama', '$jenis_kelamin', '$agama', '$umur', '$alamat')
        mysqli_query($connect, $query);
        return mysqli_affected_rows($connect);
    function hapusData ($nrp){
        global $connect;
       mysqli_query($connect, "DELETE FROM siswa WHERE nrp = $nrp");
        return mysqli_affected_rows($connect);
    function updateData ($data){
        global $connect;
        $nrp = htmlspecialchars($data['nrp']);
        $nama = htmlspecialchars($data['nama']);
        $jenis_kelamin = htmlspecialchars($data['jenis_kelamin']);
        $agama = htmlspecialchars($data['agama']);
        $umur = htmlspecialchars($data['umur']);
        $alamat = htmlspecialchars($data['alamat']);
        $query = "UPDATE siswa SET
                nama = '$nama',
                jenis_kelamin = '$jenis_kelamin',
                agama = '$agama',
```

#### 2. index.php

```
<?php
require "database.php";
    $daftarSiswa = query("SELECT * FROM siswa");
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>DATA MAHASISWA</title>
<style>
    table {
        border-collapse: collapse;
       width: 70%;
    th, td {
        padding: 8px;
        text-align: left;
        border-bottom: 1px solid #ddd;
    tr:hover {background-color:#f5f5f5;}
        background-color: orange;
        color: white;
    table a {
        text-decoration: none;
    #edit {
        width: 50%;
        background-color:green;
        float: left;
        color: white;
    #edit:hover {
        background-color: #00ff00;
    #delete {
        width: 50%;
        background-color: #890F0D;
        float: right;
        color: white;
    #delete:hover{
        background-color: #E83A14;
```

```
#add {
      background-color: orange;
      text-decoration: none;
      color: white;
      padding: 10px;
      text-align: center;
      border-radius: 5px;
   .add{
      text-align: center;
      margin-top: 20px;
   #add:hover {
      background-color: #ffc107;
      color: white;
</style>
  <form action="">
      No
            Aksi
            NRP
            Nama
            >Jenis Kelamin
            Agama
            Umur
            Alamat
         <?php $no = 1; ?>
         <?php foreach ($daftarSiswa as $row):?>
            <?= $no; ?>
               <a id="edit" href="update.php?nrp=<?= $row['nrp']; ?>">Edit</a>
               <a id="delete" href="delete.php?nrp=<?= $row['nrp']; ?>">Delete</a>
            <?= $row['nrp']; ?>
            <?= $row['nama']; ?>
            <?= $row['jenis_kelamin']; ?>
            <; = $row['agama']; ?>
            <?= $row['umur']; ?>
            <?= $row['alamat']; ?>
         <?php $no++; ?>
         <?php endforeach;?>
      <div class="add">
      <a id="add" href="insert.php">Tambah Data</a>
</body>
</html>
```

```
require "database.php";
if(isset($_POST["submit"])) {
    if(tambahData($_POST) > 0) {
        echo "
            <script>
                alert('Data Berhasil Ditambahkan!');
                document.location.href = 'index.php';
            </script>
    } else {
        echo "
            <script>
                alert('Data Gagal Ditambahkan!');
                document.location.href = 'index.php';
            </script>
        mysqli_error($connect);
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Tambah Data</title>
</head>
    table {
        border: 3px solid #ddd;
        border-radius: 5px;
        padding: 8px;
        border-bottom: 1px solid #ddd;
    .title {
        border: 3px solid orange;
        background-color: orange;
    .item {background-color:#f5f5f5;}
    .item button {
       width: 100%;
        background-color: orange;
        text-decoration: none;
        color: white;
        padding: 10px;
        text-align: center;
        border-radius: 5px;
        border: none;
    .item button:hover {
        background-color: #ffc107;
    .close {
       margin-top: 10px;
    #close {
```

```
font-size:0.8rem;
     background-color: orange;
     text-decoration: none;
     color: white;
     padding: 5px;
     border-radius: 3px;
  #close:hover {
     background-color: #ffc107;
</style>
  <form action="" method="POST">
     TAMBAHKAN DATA
        <label for="nrp">NRP : </label>
           <input type="text" name="nrp" id="nrp" required>
        <label for="nama">Nama : </label>
           <input type="text" name="nama" id="nama" required>
        <input type="radio" name="jenis_kelamin"</pre>
id="jenis kelamin" value="laki-laki">Laki Laki
           <input type="radio" name="jenis_kelamin" id="jenis_kelamin"</pre>
value="perempuan">Perempuan
        <label for="agama">Agama : </label>
           <input type="text" name="agama" id="agama" required>
        <label for="umur">Umur : </label>
           <input type="text" name="umur" id="umur" required>
        <label for="alamat">Alamat : </label>
           <input type="text" name="alamat" id="alamat" required>
        <button type="submit"
name="submit">Simpan</button>
        <div class="close" align="center"><a id="close"</pre>
href="index.php">Kembali</a></div>
  </form>
</body>
</html>
```

4. delete.php

```
<?php
require "database.php";
$nrp = $_GET["nrp"];
if(hapusData($nrp) > 0) {
    echo "
        <script>
            alert('Data Berhasil Dihapus!');
            document.location.href = 'index.php';
        </script>
} else {
    echo "
        <script>
            alert('Data Gagal Dihapus!');
            document.location.href = 'index.php';
        </script>
    mysqli_error($connect);
endif;
```

#### 5. update.php

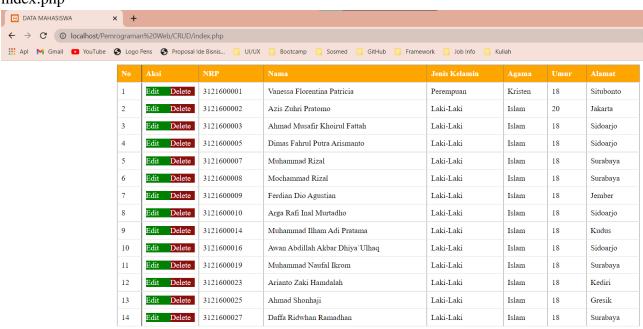
```
<?php
require "database.php";
$nrp = $_GET["nrp"];
$daftarSiswa = query("SELECT * FROM siswa WHERE nrp = $nrp")[0];
if(isset($_POST['submit'])){
    if(updateData($_POST) > 0){
        echo "<script>
                alert ('data berhasil diubah!');
                document.location.href = 'index.php';
            </script>";
    }else {
        echo "<script>
                alert ('data gagal diubah!');
                document.location.href = 'index.php';
            </script>";
        echo "<br>";
        echo mysqli_error($connect);
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Tambah Data</title>
</head>
<style>
    table {
        border: 3px solid #ddd;
```

```
border-radius: 5px;
   th, td {
      padding: 8px;
      border-bottom: 1px solid #ddd;
   .title {
      border: 3px solid orange;
      background-color: orange;
   .item {background-color:#f5f5f5;}
   .item button {
      width: 100%;
      background-color: orange;
      text-decoration: none;
      color: white;
      padding: 10px;
      text-align: center;
      border-radius: 5px;
      border: none;
   .item button:hover {
      background-color: #ffc107;
   .close {
      margin-top: 10px;
   #close {
      font-size:0.8rem;
      background-color: orange;
      text-decoration: none;
      color: white;
      padding: 5px;
      border-radius: 3px;
   #close:hover {
      background-color: #ffc107;
</style>
   <form action="" method="POST">
      <input type="hidden" name="nrp" id="nrp" value="<?= $daftarSiswa['nrp']?>">
             UBAH DATA
         <label for="nama">Nama : </label>
             <input type="text" name="nama" id="nama" required
             value="<?= $daftarSiswa['nama']?>">
         <input type="radio" name="jenis_kelamin"
id="jenis_kelamin"
             value="laki-laki">Laki Laki
             <input type="radio" name="jenis_kelamin" id="jenis_kelamin"</pre>
value="perempuan">Perempuan
         <label for="agama">Agama : </label>
```

```
<input type="text" name="agama" id="agama" required
            value="<?= $daftarSiswa['agama']?>">
         <label for="umur">Umur : </label>
            <input type="text" name="umur" id="umur" required
            value="<?= $daftarSiswa['umur']?>">
         <label for="alamat">Alamat : </label>
            <input type="text" name="alamat" id="alamat" required
            value="<?= $daftarSiswa['alamat']?>">
         <button type="submit"
name="submit">Simpan</button>
         <div class="close" align="center"><a id="close"</pre>
href="index.php">Kembali</a></div>
  </form>
</body>
</html>
```

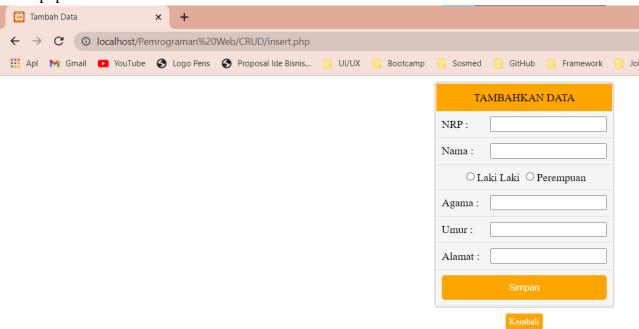
#### **OUTPUT**

#### index.php



Tambah Data

### insert.php



## update.php

