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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";

$conn = mysqli_connect($servername, $username, $password, $dbname);

function query ($query){
    global $conn;
    $result = mysqli_query($conn, $query);
    $rows = [];
    while( $row = mysqli_fetch_assoc($result)) {
        $rows[] = $row;
    }
    return $rows;
}

function tambahData ($data){
    global $conn;

    // ambil data dari tiap elemen dalam form
    $nrp = htmlspecialchars($data['nrp']);
    $nama = htmlspecialchars($data['nama']);
    $jenis_kelamin = htmlspecialchars($data['jenis_kelamin']);
    $agama = htmlspecialchars($data['agama']);
    $umur = htmlspecialchars($data['umur']);
    $alamat = htmlspecialchars($data['alamat']);

    $query = "INSERT INTO siswa
        VALUES
        ('$nrp', '$nama', '$jenis_kelamin', '$agama', '$umur', '$alamat')
        ";
    mysqli_query($conn, $query);

    return mysqli_affected_rows($conn);
}

function hapusData ($nrp){
    global $conn;
    mysqli_query($conn, "DELETE FROM siswa WHERE nrp = $nrp");
    return mysqli_affected_rows($conn);
}

function updateData ($data){
    global $conn;

    $nrp = htmlspecialchars($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',
```

```

        umur = '$umur',
        alamat = '$alamat'
    WHERE nrp = $nrp
    ";
    mysqli_query($connect, $query);

    return mysqli_affected_rows($connect);
}
?>

```

2. index.php

```

<?php
require "database.php";

$daftarSiswa = query("SELECT * FROM siswa");

?>

<!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">
    <title>DATA MAHASISWA</title>
</head>
<style>
    table {
        border-collapse: collapse;
        width: 70%;
    }
    th, td {
        padding: 8px;
        text-align: left;
        border-bottom: 1px solid #ddd;
    }
    tr:hover {background-color:#f5f5f5;}
    th {
        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>
<body>
    <form action="">
        <table align="center" border="1" cellpadding="10" cellspacing="0">
            <tr>
                <th>No</th>
                <th>Aksi</th>
                <th>NRP</th>
                <th>Nama</th>
                <th>Jenis Kelamin</th>
                <th>Agama</th>
                <th>Umur</th>
                <th>Alamat</th>
            </tr>
            <?php $no = 1; ?>
            <?php foreach ($daftarSiswa as $row):?>
                <tr>
                    <td><? $no; ?></td>
                    <td>
                        <a id="edit" href="update.php?nrp=<? $row['nrp']; ?>">Edit</a>
                        <a id="delete" href="delete.php?nrp=<? $row['nrp']; ?>">Delete</a>
                    </td>
                    <td><? $row['nrp']; ?></td>
                    <td><? $row['nama']; ?></td>
                    <td><? $row['jenis_kelamin']; ?></td>
                    <td><? $row['agama']; ?></td>
                    <td><? $row['umur']; ?></td>
                    <td><? $row['alamat']; ?></td>
                </tr>
                <?php $no++; ?>
            <?php endforeach;?>
        </table>
    </form>
    <div class="add">
        <a id="add" href="insert.php">Tambah Data</a>
    </div>
</body>
</html>

```

3. insert.php

```
<?php
```

```

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">
<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">
    <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;
        /* border:none; */
    }
}
#close {

```

```

        font-size:0.8rem;
        background-color: orange;
        text-decoration: none;
        color: white;
        padding: 5px;
        border-radius: 3px;
    }
    #close:hover {
        background-color: #ffc107;
    }
</style>
<body>
    <form action="" method="POST">
        <table align="center" cellpadding="10" cellspacing="0">
            <tr>
                <td class="title" colspan="2" align="center">TAMBAHKAN DATA</td>
            </tr>
            <tr class="item">
                <td><label for="nrp">NRP : </label></td>
                <td><input type="text" name="nrp" id="nrp" required></td>
            </tr>
            <tr class="item">
                <td><label for="nama">Nama : </label></td>
                <td><input type="text" name="nama" id="nama" required></td>
            </tr>
            <tr class="item">
                <td colspan="2" align="center"><input type="radio" name="jenis_kelamin"
id="jenis_kelamin" value="laki-laki">Laki Laki
                <input type="radio" name="jenis_kelamin" id="jenis_kelamin"
value="perempuan">Perempuan</td>
            </tr>
            <tr class="item">
                <td><label for="agama">Agama : </label></td>
                <td><input type="text" name="agama" id="agama" required></td>
            </tr>
            <tr class="item">
                <td><label for="umur">Umur : </label></td>
                <td><input type="text" name="umur" id="umur" required></td>
            </tr>
            <tr class="item">
                <td><label for="alamat">Alamat : </label></td>
                <td><input type="text" name="alamat" id="alamat" required></td>
            </tr>
            <tr class="item">
                <td colspan="2" align="center"><button type="submit"
name="submit">Simpan</button></td>
            </tr>
        </table>
        <div class="close" align="center"><a id="close"
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">
<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">
    <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;
        /* border:none; */
    }
    #close {
        font-size:0.8rem;
        background-color: orange;
        text-decoration: none;
        color: white;
        padding: 5px;
        border-radius: 3px;
    }
    #close:hover {
        background-color: #ffc107;
    }
</style>
<body>
    <form action="" method="POST">
        <table align="center" cellpadding="10" cellspacing="0">
            <input type="hidden" name="nrp" id="nrp" value="<?= $daftarSiswa['nrp']?>">
            <tr>
                <td class="title" colspan="2" align="center">UBAH DATA</td>
            </tr>
            <tr class="item">
                <td><label for="nama">Nama : </label></td>
                <td><input type="text" name="nama" id="nama" required
                    value="<?= $daftarSiswa['nama']?>"></td>
            </tr>
            <tr class="item">
                <td colspan="2" align="center"><input type="radio" name="jenis_kelamin"
                    id="jenis_kelamin"
                    value="laki-laki">Laki Laki
                    <input type="radio" name="jenis_kelamin" id="jenis_kelamin"
                    value="perempuan">Perempuan</td>
            </tr>
            <tr class="item">
                <td><label for="agama">Agama : </label></td>

```



```

<td><input type="text" name="agama" id="agama" required
value="<?= $daftarSiswa['agama']?>"></td>
</tr>
<tr class="item">
<td><label for="umur">Umur : </label></td>
<td><input type="text" name="umur" id="umur" required
value="<?= $daftarSiswa['umur']?>"></td>
</tr>
<tr class="item">
<td><label for="alamat">Alamat : </label></td>
<td><input type="text" name="alamat" id="alamat" required
value="<?= $daftarSiswa['alamat']?>"></td>
</tr>
<tr class="item">
<td colspan="2" align="center"><button type="submit"
name="submit">Simpan</button></td>
</tr>
</table>
<div class="close" align="center"><a id="close"
href="index.php">Kembali</a></div>
</form>
</body>
</html>

```

OUTPUT

index.php

No	Aksi	NRP	Nama	Jenis Kelamin	Agama	Umur	Alamat
1	Edit Delete	3121600001	Vanessa Florentina Patricia	Perempuan	Kristen	18	Situbonto
2	Edit Delete	3121600002	Azis Zuhri Pratomo	Laki-Laki	Islam	20	Jakarta
3	Edit Delete	3121600003	Ahmad Musafir Khoirul Fattah	Laki-Laki	Islam	18	Sidoarjo
4	Edit Delete	3121600005	Dimas Fahrul Putra Arismanto	Laki-Laki	Islam	18	Sidoarjo
5	Edit Delete	3121600007	Muhammad Rizal	Laki-Laki	Islam	18	Surabaya
6	Edit Delete	3121600008	Mochammad Rizal	Laki-Laki	Islam	18	Surabaya
7	Edit Delete	3121600009	Ferdian Dio Agustian	Laki-Laki	Islam	18	Jember
8	Edit Delete	3121600010	Arga Rafi Inal Murtadho	Laki-Laki	Islam	18	Sidoarjo
9	Edit Delete	3121600014	Muhammad Ilham Adi Pratama	Laki-Laki	Islam	18	Kudus
10	Edit Delete	3121600016	Awan Abdillah Akbar Dhiya' Ulhaq	Laki-Laki	Islam	18	Sidoarjo
11	Edit Delete	3121600019	Muhammad Naufal Ikrom	Laki-Laki	Islam	18	Surabaya
12	Edit Delete	3121600023	Arianto Zaki Hamdalah	Laki-Laki	Islam	18	Kediri
13	Edit Delete	3121600025	Ahmad Shonhaji	Laki-Laki	Islam	18	Gresik
14	Edit Delete	3121600027	Daffa Ridwhan Ramadhan	Laki-Laki	Islam	18	Surabaya

[Tambah Data](#)

insert.php

Tambah Data

localhost/Pemrograman%20Web/CRUD/insert.php

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TAMBAHKAN DATA

NRP :

Nama :

Laki Laki

Perempuan

Agama :

Umur :

Alamat :

Simpan

Kembali

update.php

Update Data

localhost/Pemrograman%20Web/CRUD/update.php?nrp=3121600001

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UBAH DATA

Nama :

Vanessa Florentina Patricia

Laki Laki

Perempuan

Agama :

Kristen

Umur :

18

Alamat :

Situbonto

Simpan

Kembali