

PHP MYSQL

(koneksi, tampil data, tambah data, ubah data, hapus data)

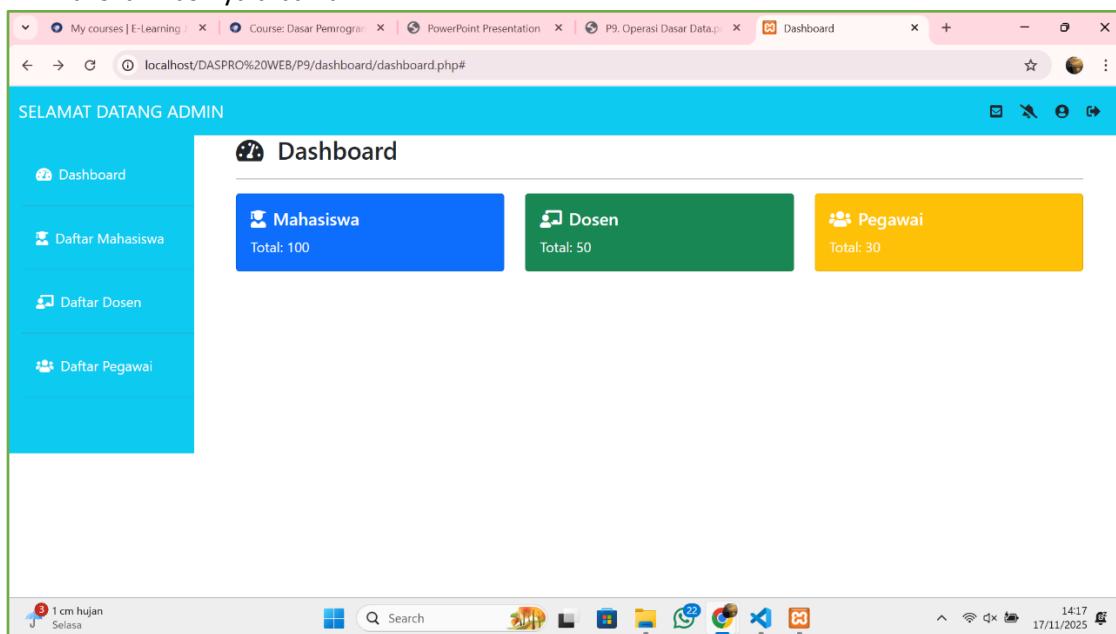
1. Buat database dan tabel

Buatlah database dan tabel dari PHPMyadmin (localhost/phpmyadmin) dengan struktur database sebagai berikut:

- Nama Database : akademik
- Nama Tabel : **mahasiswa**
- Struktur tabel : nim Char(10)
 nama Varchar(30)
 jurusan Varchar(30)
 angkatan Varchar(30)
- Nama tabel : **dosen**
- Struktur tabel: nidn char (10)
 nama Varchar(30)
 alamat Varchar(30)
 jabatan Varchar(10)
- Nama tabel : **pegawai**
 nik char(10)
 nama Varchar(30)
 bagian Varchar(20)
- Isi data mahasiswa sebanyak 2 baris data

2. Download folder dashboard yang tersedia dilearning kemudian extract kedalam folder **xampp/htdocs** atau **laragon/www**

- Jalankan di browser url: **localhost/dashboard**
- Tuliskan hasinya dibawah ini :



3. Koneksi

- Buat file baru ketikkan kode berikut simpan di dalam folder admin yang sudah di download dengan nama **koneksi.php**

```
<?php
$host = "localhost";
$user = "root";
$pass = "";
$db = "akademik"; //Nama Database
// melakukan koneksi ke db
$koneksi = mysqli_connect($host, $user, $pass, $db);
if(!$koneksi){
    echo "Gagal koneksi: " . die(mysqli_error($koneksi));
}
```

- Buat file baru dengan nama mahasiswa.php, ketikkan kode berikut:

```
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="admin.css">
<link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
<title>ADMINISTRATOR</title>
<style>
.nav-link:hover {
background-color: gold;
color: white !important;
}
</style>
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-light bg-info fixed-top">
<div class="container-fluid">
<a class="navbar-brand text-white" href="#">SELAMAT DATANG ADMIN</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<div class="ms-auto d-flex align-items-center">
<div class="icon">
<i class="fas fa-envelope-square me-3"></i>
<i class="fas fa-bell-slash me-3"></i>
<i class="fas fa-user-circle me-3"></i> <!-- Profil User Icon -->
<i class="fas fa-sign-out-alt me-3"></i>
</div>
</div>
</div>
</div>
</nav>
<div class="row g-0 mt-5">
<!-- Sidebar -->
<div class="col-md-2 bg-info mt-2 pt-4">
<ul class="nav flex-column ms-3 mb-5">
<li class="nav-item">
<a class="nav-link active text-white" href="dashboard.php"><i class="fas fa-tachometer-alt me-2"></i>Dashboard</a><hr class="bg-secondary"> </li>
<li class="nav-item">
<a class="nav-link text-white" href="mahasiswa.php"><i class="fas fa-user-graduate me-2"></i>Daftar Mahasiswa</a><hr class="bg-secondary"> </li>
<li class="nav-item">
<a class="nav-link text-white" href="#"><i class="fas fa-chalkboard-teacher me-2"></i>Daftar Dosen</a><hr class="bg-secondary"> </li>
<li class="nav-item">
<a class="nav-link text-white" href="#"><i class="fas fa-users me-2"></i>Daftar Pegawai</a><hr class="bg-secondary"> </li>
</ul>
</div>
</div>
```

```
<div class="col-md-10 p-5 pt-2">
    <h3><i class="fas fa-user-graduate me-2"></i> Daftar Mahasiswa</h3><hr>
    <button type="button" class="btn btn-primary mb-2" data-bs-toggle="modal" data-bs-target="#tambahDataModal">
        <i class="fas fa-plus-circle me-2"></i> TAMBAH DATA MAHASISWA
    </button>
    <table class="table table-striped table-bordered">
        <thead>
            <tr>
                <th scope="col">NO</th>
                <th scope="col">NIM</th>
                <th scope="col">NAMA MAHASISWA</th>
                <th scope="col">JURUSAN</th>
                <th scope="col">ANGKATAN</th>
                <th scope="col">AKSI</th>
            </tr>
        </thead>
        <tbody>
            <?php
                include 'koneksi.php';
                $query = mysqli_query($koneksi, "SELECT * FROM mahasiswa");
                $no = 1;
                while ($data = mysqli_fetch_assoc($query)) {
            ?>
            <tr>
                <td><?php echo $no++; ?></td>
                <td><?php echo $data['nim']; ?></td>
                <td><?php echo $data['nama']; ?></td>
                <td><?php echo $data['jurusan']; ?></td>
                <td><?php echo $data['angkatan']; ?></td>
                <td>
                    </td>
                </td>
            </tr>
            <?php
                }
            ?>
        </tbody>
    </table>
</div>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

- Jalankan di web browser tuliskan hasilnya dibawah ini

NO	NIM	NAMA MAHASISWA	JURUSAN	ANGKATAN	AKSI
1	3312501005	Rizka Nur Azizah	Teknik Informatika	2024	
2	3312501005	Rizka Nur Azizah	Teknik Informatika	2024	

- Menambah data, buka kembali file mahasiswa.php tambahkan kode berikut:

```

<div class="col-md-10 p-5 pt-2">
    <h3><i class="fas fa-user-graduate me-2"></i> Daftar Mahasiswa</h3><hr>
    <button type="button" class="btn btn-primary mb-2" data-bs-toggle="modal" data-bs-target="#tambahDataModal">
        <i class="fas fa-plus-circle me-2"></i> TAMBAH DATA MAHASISWA
    </button>
<!-- Modal Tambah Data -->
<div class="modal fade" id="tambahDataModal" tabindex="-1" aria-labelledby="tambahDataLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="tambahDataLabel">Tambah Data Mahasiswa</h5>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
            </div>
            <div class="modal-body">
                <form action="tambah_mhs.php" method="POST">
                    <div class="mb-3">
                        <label for="nim" class="form-label">NIM</label>
                        <input type="text" class="form-control" id="nim" name="nim" required>
                    </div>
                    <div class="mb-3">
                        <label for="nama" class="form-label">Nama Mahasiswa</label>
                        <input type="text" class="form-control" id="nama" name="nama" required>
                    </div>
                    <div class="mb-3">
                        <label for="jurusan" class="form-label">Jurusan</label>
                        <input type="text" class="form-control" id="jurusan" name="jurusan" required>
                    </div>
                    <div class="mb-3">
                        <label for="angkatan" class="form-label">Angkatan</label>
                        <input type="text" class="form-control" id="angkatan" name="angkatan" required>
                    </div>
                    <button type="submit" class="btn btn-primary">Simpan</button>
                </form>
            </div>
        </div>
    </div>
</div>

```

- Jalankan di web browser tuliskan hasilnya dibawah ini

The screenshot shows a Windows desktop environment with two browser windows open. The top browser window is titled 'localhost/DASPRO%20WEB/P9/dashboard/mahasiswa.php' and displays a modal dialog titled 'Tambah Data Mahasiswa'. The dialog contains fields for 'NIM' (with value '331250'), 'Nama Mahasiswa' (with value 'Ara'), 'Jurusan' (empty), and 'Angkatan' (with value '2024'). A 'Simpan' button is at the bottom. The background shows a sidebar with 'Daftar Mahasiswa' selected. The bottom browser window is titled 'localhost/DASPRO%20WEB/P9/dashboard/tambah_mhs.php' and displays a confirmation message: 'localhost says Data Berhasil Disimpan' with an 'OK' button. The taskbar at the bottom shows various pinned icons and the date/time as 17/11/2025 15:49.

- Buat file baru simpan dengan nama file **tambah_mhs.php** ketikkan kode berikut:

```
<?php
include 'koneksi.php';
$nim = $_POST['nim'];
$nama = $_POST['nama'];
$jurusan = $_POST['jurusan'];
$angkatan = $_POST['angkatan'];
$input = mysqli_query($koneksi, "INSERT INTO mahasiswa (nim, nama, jurusan, angkatan) VALUES('$nim', '$nama',
, '$jurusan', '$angkatan')") or die(mysqli_error($koneksi));

if($input){
    echo "<script>
        alert('Data Berhasil Disimpan');
        window.location.href = 'mahasiswa.php';
    </script>";
} else {
    echo "<script>
        alert('Gagal Menyimpan Data');
        window.location.href = 'mahasiswa.php';
    </script>";
}
?>
```

- Jalankan di web browser tuliskan hasilnya dibawah ini

SELAMAT DATANG ADMIN

Daftar Mahasiswa

TAMBAH DATA MAHASISWA					
NO	NIM	NAMA MAHASISWA	JURUSAN	ANGKATAN	AKSI
1	3312501005	Rizka Nur Azizah	Teknik Informatika	2024	
2	3312501005	Rizka Nur Azizah	Teknik Informatika	2024	
3	3312250113	Ririn Anisa	Teknik Informatika	2025	

30°C
Berawan

Search

15:49
17/11/2025

Kegiatan Praktikum

Buatlah program untuk menampilkan dan menambah data untuk tabel dosen dan pegawai, selanjutnya upload hasil praktikum dalam bentuk zip.