



## PRAKTIKUM 13

### Mengelola File (Gambar, dokumen)


1. Buat tabel baru dengan nama **calon\_mhs**, dengan struktur tabel berikut:




Browse



Structure



SQL



Search





Table structure



Relation view

	#	Name	Type	Collation
<input type="checkbox"/>	1	nis	varchar(20)	utf8mb4_general_ci
<input type="checkbox"/>	2	nama	varchar(100)	utf8mb4_general_ci
<input type="checkbox"/>	3	jk	varchar(30)	utf8mb4_general_ci
<input type="checkbox"/>	4	telepon	varchar(20)	utf8mb4_general_ci
<input type="checkbox"/>	5	alamat	varchar(150)	utf8mb4_general_ci
<input type="checkbox"/>	6	foto	varchar(255)	utf8mb4_general_ci
<input type="checkbox"/>	7	file_pendukung	varchar(255)	utf8mb4_general_ci

2. Buat folder baru dengan nama P12\_NIM, tambahkan file baru dengan nama index.php ketikkan kode berikut:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Data Calon Mahasiswa</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
  <div class="container mt-5">
    <h2 class="text-center">Data Calon Mahasiswa</h2>
    <button class="btn btn-success mb-3" data-bs-toggle="modal" data-bs-target="#addModal">Tambah Data</button>

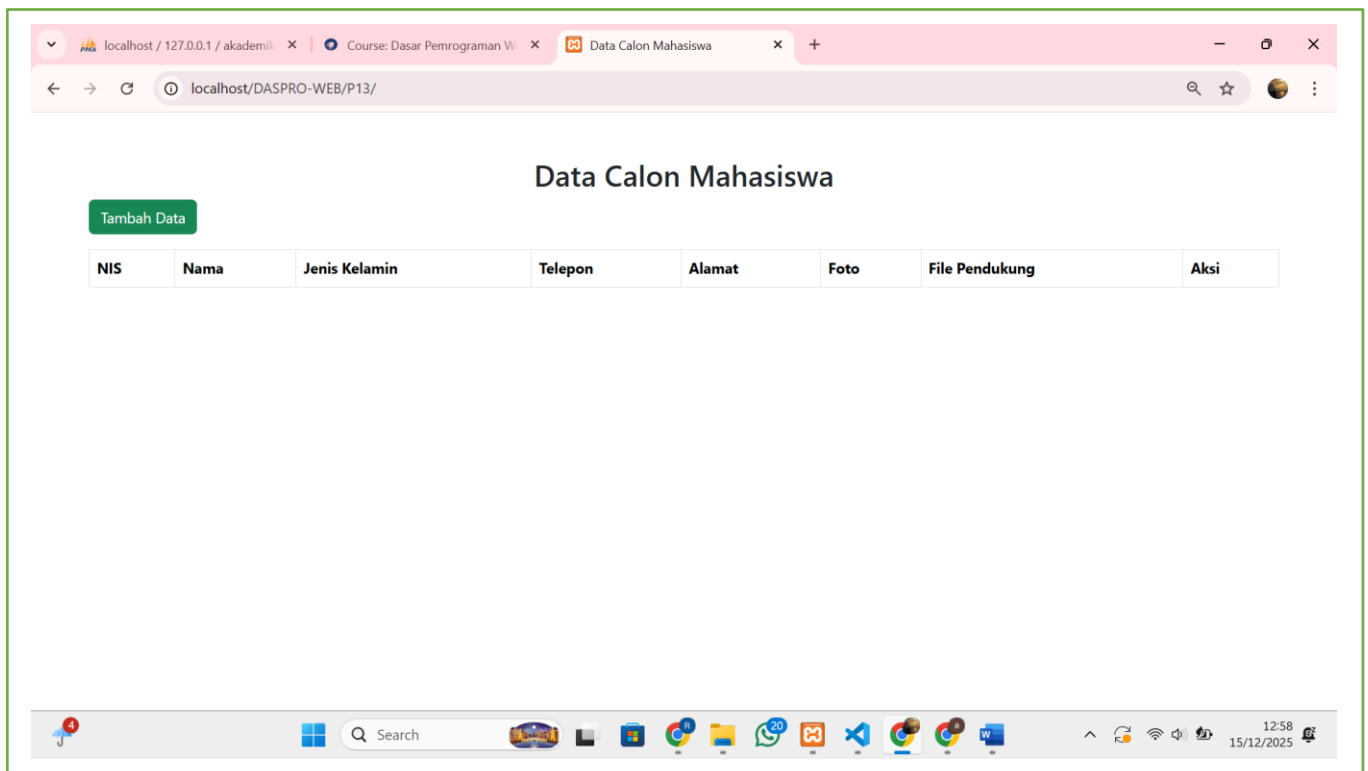
    <table class="table table-bordered">
      <thead>
        <tr>
          <th>NIS</th>
          <th>Nama</th>
          <th>Jenis Kelamin</th>
          <th>Telepon</th>
          <th>Alamat</th>
          <th>Foto</th>
          <th>File Pendukung</th>
          <th>Aksi</th>
        </tr>
      </thead>
      <tbody>
```

```

<?php
include 'koneksi.php';
$query = mysqli_query($koneksi, "SELECT * FROM calon_mhs");
while ($data = mysqli_fetch_assoc($query)) { ?>
    <tr>
        <td><?= $data['nis']; ?></td>
        <td><?= $data['nama']; ?></td>
        <td><?= $data['jk']; ?></td>
        <td><?= $data['telepon']; ?></td>
        <td><?= $data['alamat']; ?></td>
        <td></td>
        <td><a href="uploads/<?= $data['file_pendukung']; ?>" target="_blank">Download</a></td>
        <td>
            <button class="btn btn-warning btn-edit"
                data-nis="<?= $data['nis']; ?>"
                data-nama="<?= $data['nama']; ?>"
                data-jk="<?= $data['jk']; ?>"
                data-telepon="<?= $data['telepon']; ?>"
                data-alamat="<?= $data['alamat']; ?>"
                data-foto="<?= $data['foto']; ?>"
                data-file_pendukung="<?= $data['file_pendukung']; ?>">
                Edit
            </button>
            <a href="hapus.php?nis=<?= $data['nis']; ?>" class="btn btn-danger btn-sm" onclick="return
                confirm('Yakin ingin menghapus data ini?')>Hapus</a>
        </td>
    </tr>
<?php } ?>
</tbody>
</table>
</div>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>

```

- Jalankan program tuliskan hasilnya dibawah ini:



3. Buat folder baru dengan nama **uploads** didalam folder P12\_NIM
4. Buka kembali file **index.php**, tambahkan modal tambah data berikut diatas kode javascript:

```
<!-- Modal Tambah Data -->
<div class="modal fade" id="addModal" tabindex="-1" aria-labelledby="addModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <form method="POST" action="tambah.php" enctype="multipart/form-data">
      <div class="modal-content">
        <div class="modal-header">
          <h5 class="modal-title" id="addModalLabel">Tambah Data</h5>
          <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
        </div>
        <div class="modal-body">
          <div class="mb-3">
            <label for="nis" class="form-label">NIS</label>
            <input type="text" class="form-control" id="nis" name="nis" required>
          </div>
          <div class="mb-3">
            <label for="nama" class="form-label">Nama</label>
            <input type="text" class="form-control" id="nama" name="nama" required>
          </div>
          <div class="mb-3">
            <label for="jk" class="form-label">Jenis Kelamin</label>
            <select class="form-select" id="jk" name="jk" required>
              <option value="Laki-laki">Laki-laki</option>
              <option value="Perempuan">Perempuan</option>
            </select>
          </div>
          <div class="mb-3">
            <label for="telepon" class="form-label">Telepon</label>
            <input type="text" class="form-control" id="telepon" name="telepon" required>
          </div>
          <div class="mb-3">
            <label for="alamat" class="form-label">Alamat</label>
            <textarea class="form-control" id="alamat" name="alamat" required></textarea>
          </div>
          <div class="mb-3">
            <label for="foto" class="form-label">Foto</label>
            <input type="file" class="form-control" id="foto" name="foto" required>
          </div>
          <div class="mb-3">
            <label for="file_pendukung" class="form-label">File Pendukung</label>
            <input type="file" class="form-control" id="file_pendukung" name="file_pendukung" required>
          </div>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Tutup</button>
          <button type="submit" class="btn btn-primary">Simpan</button>
        </div>
      </div>
    </form>
  </div>
</div>
```

### Penjelasan:

Properti Server untuk Mendukung Upload:

- a. **enctype="multipart/form-data"**
  - Diperlukan saat formulir HTML mengandung input file.
  - Memberitahu browser untuk mengirim data file sebagai bagian dari body request dengan format multipart.
- b. **<input type="file">**
  - Menentukan bahwa input ini digunakan untuk memilih file dari perangkat pengguna.


5. Buat file baru dengan nama **tambah.php**, ketikkan kode berikut:

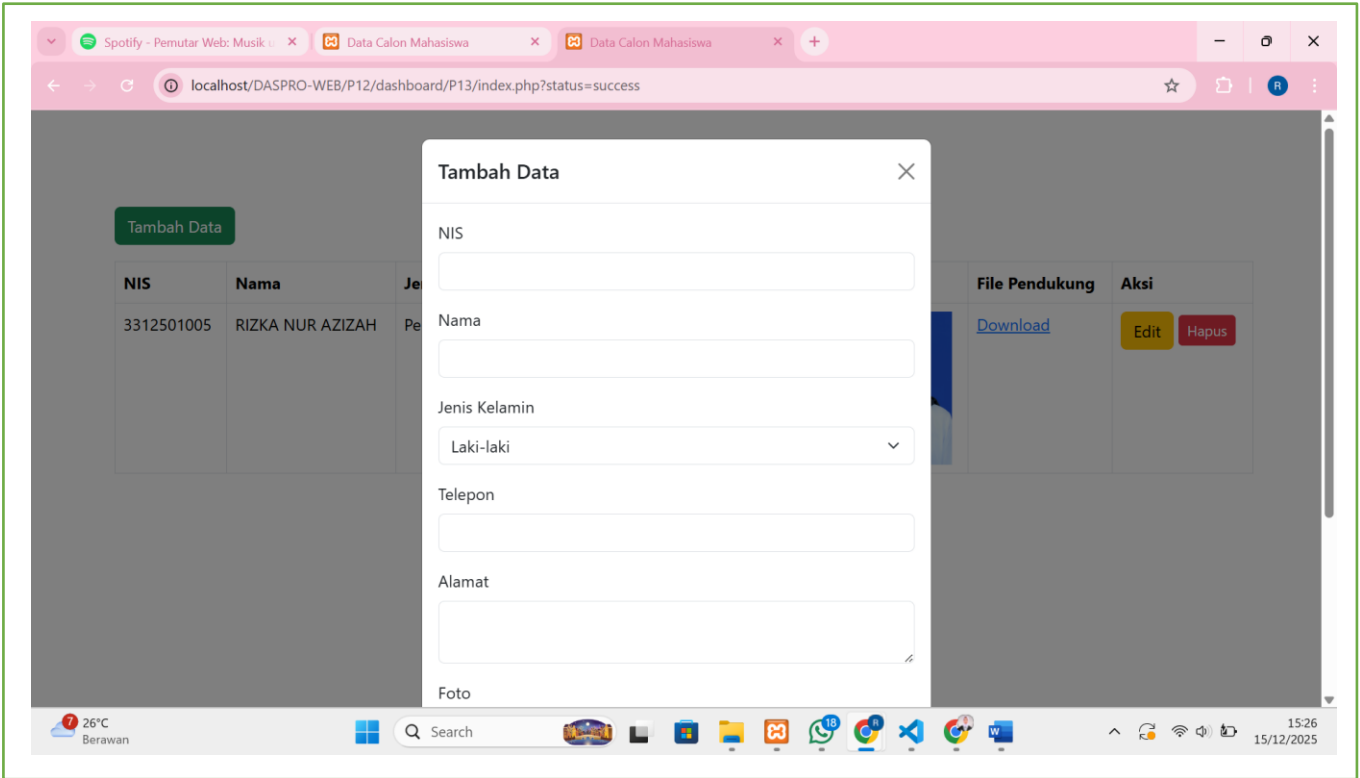
```
<?php
include '../koneksi.php';
$nis = $_POST['nis'];
$nama = $_POST['nama'];
$jkk = $_POST['jkk'];
$telepon = $_POST['telepon'];
$alamat = $_POST['alamat'];
// Validasi file gambar (foto)
$foto = $_FILES['foto']['name'];
$ukuran_foto = $_FILES['foto']['size'];
$tmp_foto = $_FILES['foto']['tmp_name'];
$ekstensi_foto_diperbolehkan = array('jpg', 'jpeg', 'png');
$x_foto = explode('.', $foto);
$ekstensi_foto = strtolower(end($x_foto));
$path_foto = "uploads/" . $foto;
// Validasi file dokumen (file pendukung)
$file_pendukung = $_FILES['file_pendukung']['name'];
$ukuran_file_pendukung = $_FILES['file_pendukung']['size'];
$tmp_file_pendukung = $_FILES['file_pendukung']['tmp_name'];
$ekstensi_file_diperbolehkan = array('pdf', 'docx');
$x_file_pendukung = explode('.', $file_pendukung);
$ekstensi_file_pendukung = strtolower(end($x_file_pendukung));
$path_file_pendukung = "uploads/" . $file_pendukung;
// Validasi ekstensi dan ukuran file
if (in_array($ekstensi_foto, $ekstensi_foto_diperbolehkan) && $ukuran_foto <= 2000000) {
    if (in_array($ekstensi_file_pendukung, $ekstensi_file_diperbolehkan) && $ukuran_file_pendukung <= 1000000) {
        // Pindahkan file ke folder tujuan
        if (move_uploaded_file($tmp_foto, $path_foto) && move_uploaded_file($tmp_file_pendukung, $path_file_pendukung)) {
            // Simpan data ke database
            $query = "INSERT INTO calon_mhs (nis, nama, jkk, telepon, alamat, foto, file_pendukung)
            VALUES ('$nis', '$nama', '$jkk', '$telepon', '$alamat', '$foto', '$file_pendukung')";

            if (mysqli_query($koneksi, $query)) {
                echo "<script>alert('Data berhasil ditambahkan!'); window.location='index.php';</script>";
            } else {
                echo "<script>alert('Gagal menyimpan data ke database!'); window.history.back();</script>";
            }
        } else {
            echo "<script>alert('Gagal mengunggah file!'); window.history.back();</script>";
        }
    } else {
        echo "<script>alert('File dokumen tidak valid atau ukurannya terlalu besar!'); window.history.back();</script>";
    }
} else {
    echo "<script>alert('File gambar tidak valid atau ukurannya terlalu besar!'); window.history.back();</script>";
}
?>
```

- Jalankan program klik tambah data, tuliskan hasilnya dibawah ini:

The screenshot shows a web application interface for managing student data. At the top, there's a green button labeled 'Tambah Data'. Below it is a table with the following columns: NIS, Nama, Jenis Kelamin, Telepon, Alamat, Foto, File Pendukung, and Aksi. The table contains one entry for a student named Rizka Nur Azizah. The 'Aksi' column for this entry has two buttons: 'Edit' (yellow) and 'Hapus' (red). The browser's address bar indicates the page is running on a local server at 'localhost/DASPRO-WEB/P12/dashboard/P13/index.php'.

NIS	Nama	Jenis Kelamin	Telepon	Alamat	Foto	File Pendukung	Aksi
3312501005	RIZKA NUR AZIZAH	Perempuan	0812 7690 3211	Perum Taman Teratai		<a href="#">Download</a>	<a href="#">Edit</a> <a href="#">Hapus</a>



6. Buka kembali index.php, tambahkan modal edit data di atas kode javascript:

```
<!-- Modal Edit Data -->
<div class="modal fade" id="editModal" tabindex="-1" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">Edit Data</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
      </div>
      <div class="modal-body">
        <input type="hidden" id="editNis" name="nis">
        <div class="mb-3">
          <label for="editNama" class="form-label">Nama</label>
          <input type="text" class="form-control" id="editNama" name="nama" required>
        </div>
        <div class="mb-3">
          <label for="editJk" class="form-label">Jenis Kelamin</label>
          <select class="form-select" id="editJk" name="jk" required>
            <option value="Laki-laki">Laki-laki</option>
            <option value="Perempuan">Perempuan</option>
          </select>
        </div>
        <div class="mb-3">
          <label for="editTelepon" class="form-label">Telepon</label>
          <input type="text" class="form-control" id="editTelepon" name="telepon" required>
        </div>
        <div class="mb-3">
          <label for="editAlamat" class="form-label">Alamat</label>
          <textarea class="form-control" id="editAlamat" name="alamat" required></textarea>
        </div>
        <div class="mb-3">
          <label class="form-label">Foto Saat Ini</label><br>
          <img id="editFotoPreview" src="" alt="Foto" width="150" class="mb-3 border rounded"><br>
          <label for="editFoto" class="form-label">Ganti Foto</label>
          <input type="file" class="form-control" id="editFoto" name="foto">
        </div>
        <div class="mb-3">
          <label class="form-label">File Pendukung Saat Ini</label><br>
          <a id="editFilePreview" href="#" target="_blank" class="btn btn-primary mb-3">Lihat File</a><br>
          <label for="editFilePendukung" class="form-label">Ganti File Pendukung</label>
          <input type="file" class="form-control" id="editFilePendukung" name="file_pendukung">
        </div>
      </div>
      <div class="modal-footer">
        <button type="submit" class="btn btn-primary">Simpan</button>
        <button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Batal</button>
      </div>
    </div>
  </div>
</div>
```

7. Tambahkan kode javascript berikut dibawah modal edit data:

```
<script>
  document.querySelectorAll('.btn-edit').forEach(button => {
    button.addEventListener('click', function () {
      // Isi data ke modal
      document.getElementById('editNis').value = this.dataset.nis;
      document.getElementById('editNama').value = this.dataset.nama;
      document.getElementById('editJk').value = this.dataset.jk;
      document.getElementById('editTelepon').value = this.dataset.telepon;
      document.getElementById('editAlamat').value = this.dataset.alamat;

      // Preview Foto
      const fotoPath = this.dataset.foto ? `uploads/${this.dataset.foto}` : '';
      const fotoPreview = document.getElementById('editFotoPreview');
      fotoPreview.src = fotoPath;
      fotoPreview.style.display = fotoPath ? 'block' : 'none';

      // Preview File Pendukung
      const filePath = this.dataset.file_pendukung ? `uploads/${this.dataset.file_pendukung}` : '';
      const filePreview = document.getElementById('editFilePreview');
      filePreview.href = filePath;
      filePreview.style.display = filePath ? 'inline-block' : 'none';

      // Tampilkan Modal
      new bootstrap.Modal(document.getElementById('editModal')).show();
    });
  });
</script>
```

8. Buat file baru simpan dengan nama **ubah.php**, ketikkan kode berikut:

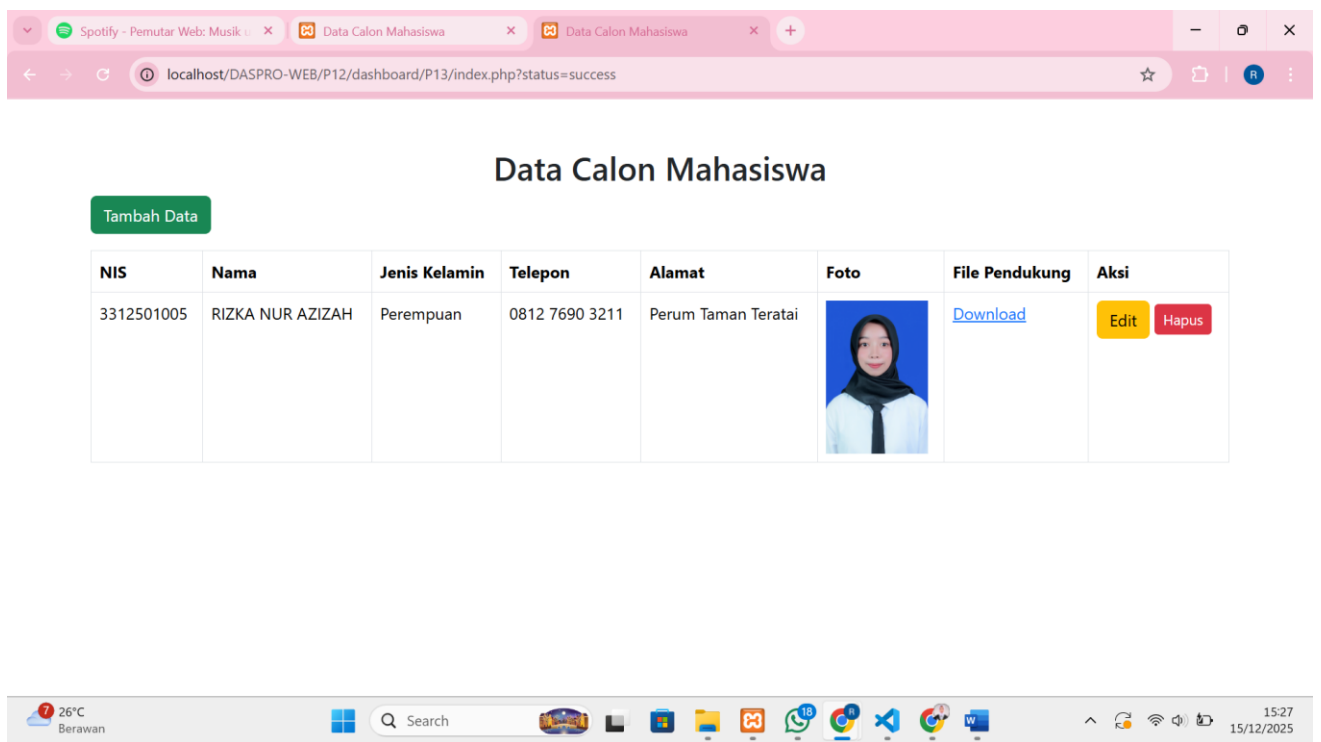
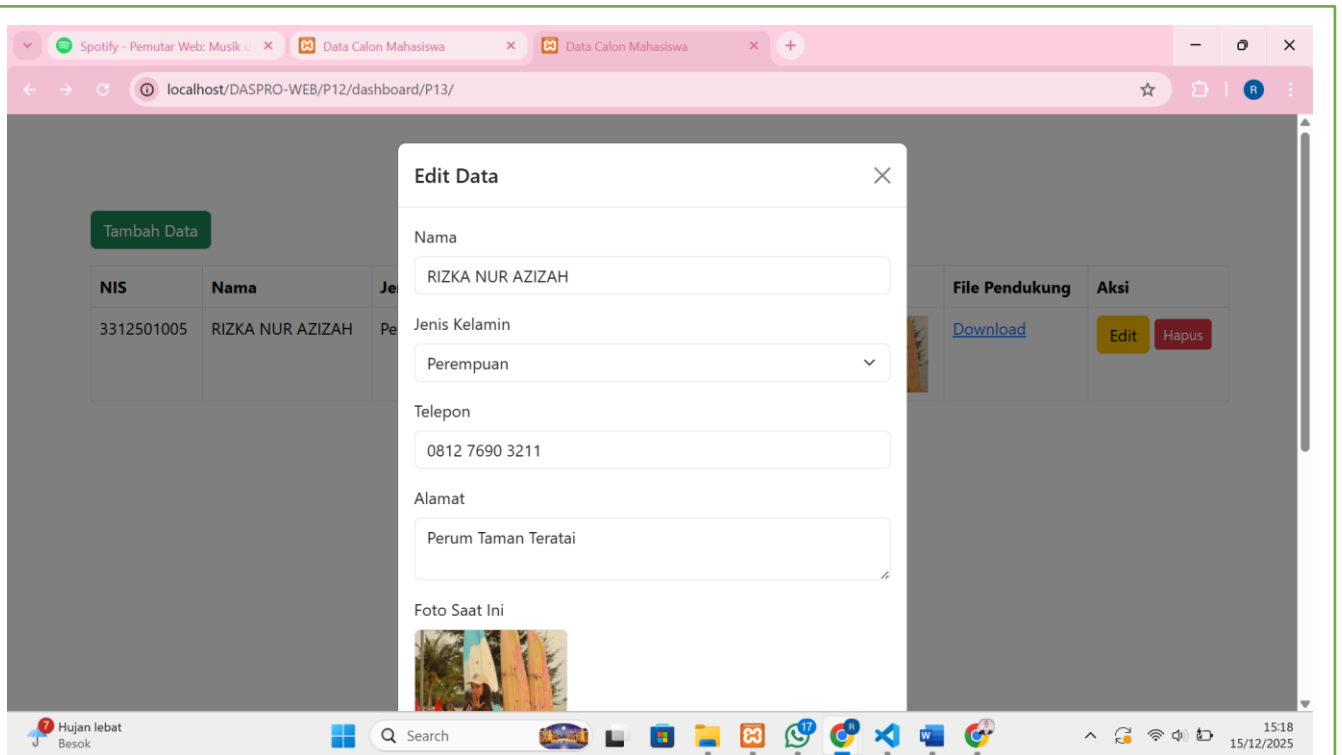
```
<?php
include 'koneksi.php'; // Pastikan koneksi database sudah tersedia
$nis = $_POST['nis'];
$nama = $_POST['nama'];
$jkk = $_POST['jkk'];
$telepon = $_POST['telepon'];
$alamat = $_POST['alamat'];

// Cek apakah file baru diunggah untuk foto
if (isset($_FILES['foto']['name']) && $_FILES['foto']['name'] != '') {
    $foto = $_FILES['foto']['name'];
    $targetFoto = "uploads/" . basename($foto);
    // Upload file baru
    if (move_uploaded_file($_FILES['foto']['tmp_name'], $targetFoto)) {
        // Hapus foto lama jika ada
        $queryFoto = mysqli_query($koneksi, "SELECT foto FROM calon_mhs WHERE nis = '$nis'");
        $oldFoto = mysqli_fetch_assoc($queryFoto)['foto'];
        if ($oldFoto && file_exists("uploads/$oldFoto")) {
            unlink("uploads/$oldFoto");
        }
    } else {
        echo "Gagal mengunggah foto.";
        exit;
    }
} else {
    // Jika tidak ada file baru, tetap gunakan foto lama
    $queryFoto = mysqli_query($koneksi, "SELECT foto FROM calon_mhs WHERE nis = '$nis'");
    $foto = mysqli_fetch_assoc($queryFoto)['foto'];
}

// Cek apakah file baru diunggah untuk file pendukung
if (isset($_FILES['file_pendukung']['name']) && $_FILES['file_pendukung']['name'] != '') {
    $filePendukung = $_FILES['file_pendukung']['name'];
    $targetFilePendukung = "uploads/" . basename($filePendukung);
    // Upload file baru
    if (move_uploaded_file($_FILES['file_pendukung']['tmp_name'], $targetFilePendukung)) {
        // Hapus file lama jika ada
        $queryFilePendukung = mysqli_query($koneksi, "SELECT file_pendukung FROM calon_mhs WHERE nis = '$nis'");
        $oldFilePendukung = mysqli_fetch_assoc($queryFilePendukung)['file_pendukung'];
        if ($oldFilePendukung && file_exists("uploads/$oldFilePendukung")) {
            unlink("uploads/$oldFilePendukung");
        }
    } else {
        echo "Gagal mengunggah file pendukung.";
        exit;
    }
} else {
    // Jika tidak ada file baru, tetap gunakan file pendukung lama
    $queryFilePendukung = mysqli_query($koneksi, "SELECT file_pendukung FROM calon_mhs WHERE nis = '$nis'");
    $filePendukung = mysqli_fetch_assoc($queryFilePendukung)['file_pendukung'];
}

// Perbarui data di database
$queryUpdate = "UPDATE calon_mhs SET
    nama = '$nama',
    jkk = '$jkk',
    telepon = '$telepon',
    alamat = '$alamat',
    foto = '$foto',
    file_pendukung = '$filePendukung'
    WHERE nis = '$nis'";
if (mysqli_query($koneksi, $queryUpdate)) {
    header("Location: index.php?status=success"); // Redirect ke halaman utama dengan status berhasil
} else {
    echo "Gagal memperbarui data: " . mysqli_error($koneksi);
}
?>
```

- Jalankan program klik tombol edit, tuliskan hasilnya dibawah ini:



9. Buat file baru simpan dengan nama hapus.php, ketikkan kode berikut:

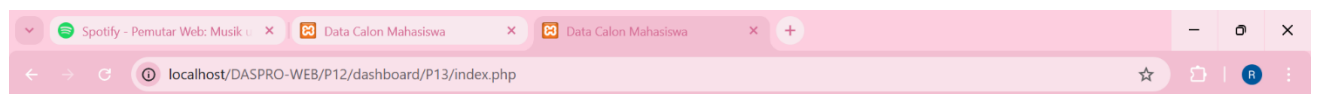
```
<?php
include 'koneksi.php';
$nis = $_GET['nis'];

$query = mysqli_query($koneksi, "SELECT * FROM calon_mhs WHERE nis = '$nis'");
$data = mysqli_fetch_assoc($query);

unlink("uploads/" . $data['foto']);
unlink("uploads/" . $data['file_pendukung']);

mysqli_query($koneksi, "DELETE FROM calon_mhs WHERE nis = '$nis'");
echo "<script>alert('Data berhasil dihapus!'); window.location='index.php';</script>";
?>
```

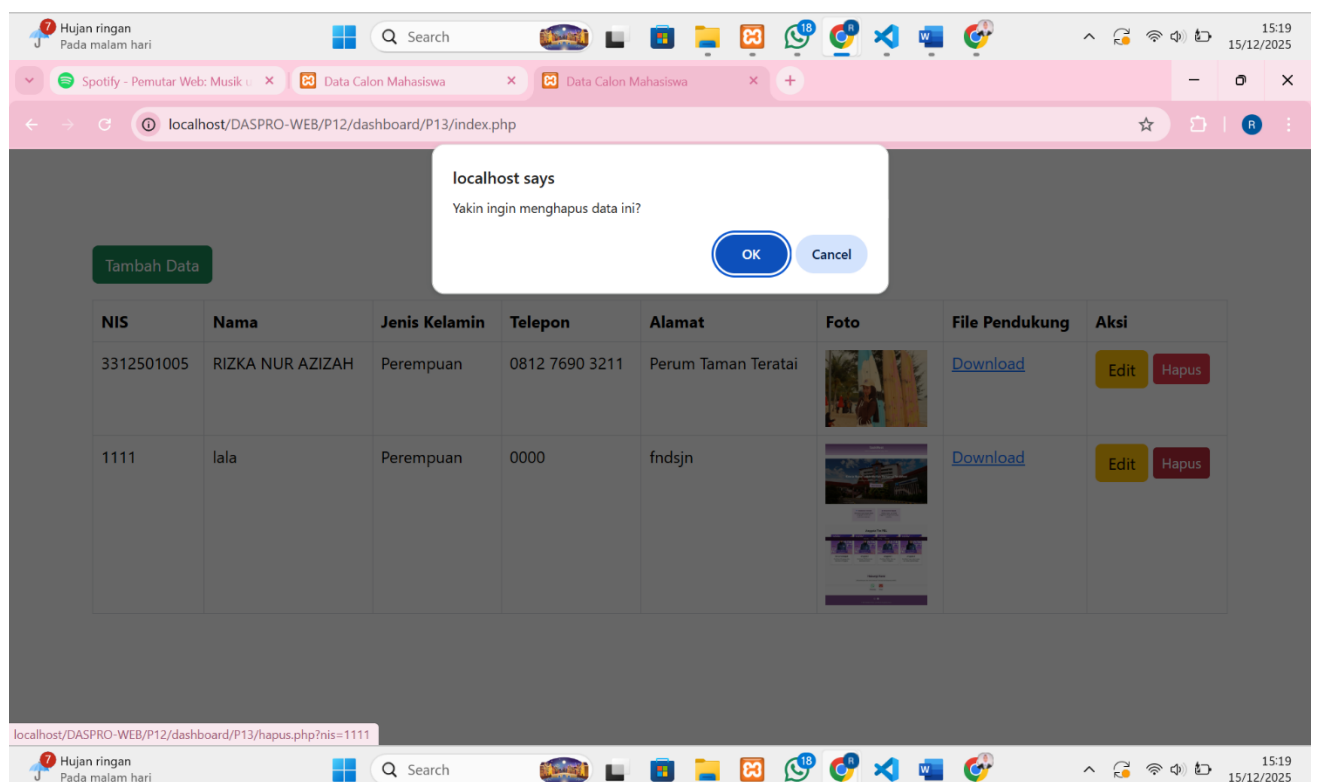
- Jalankan program klik tombol hapus, tuliskan hasilnya dibawah ini:

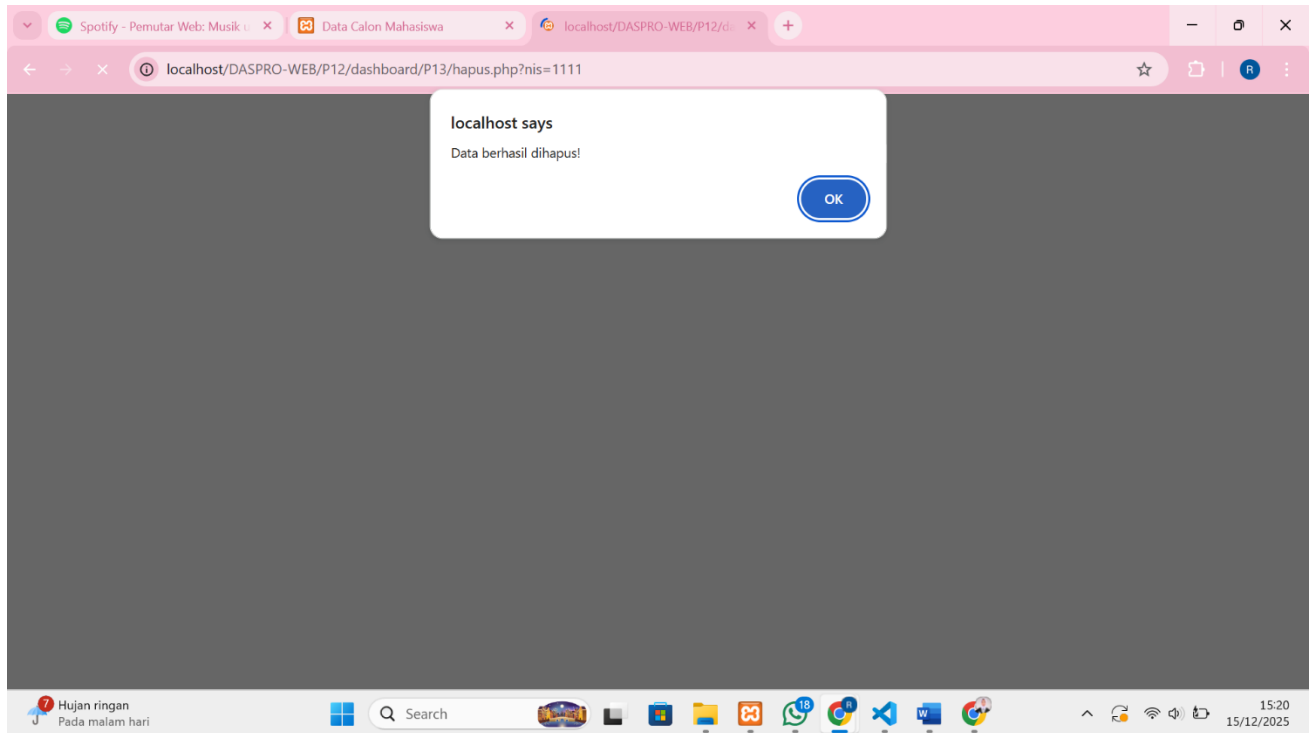


## Data Calon Mahasiswa

Tambah Data

NIS	Nama	Jenis Kelamin	Telepon	Alamat	Foto	File Pendukung	Aksi
3312501005	RIZKA NUR AZIZAH	Perempuan	0812 7690 3211	Perum Taman Teratai		<a href="#">Download</a>	<a href="#">Edit</a> <a href="#">Hapus</a>
1111	lala	Perempuan	0000	fndsjn		<a href="#">Download</a>	<a href="#">Edit</a> <a href="#">Hapus</a>





### Tampilan setelah di hapus

