

PRAKTIKUM 10

Operasi Dasar Update dan Delete

1. Buka kembali file mahasiswa.php, selanjutnya tambahkan kode berikut

```
<?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>
<button class="btn btn-success btn-sm me-1 edit-button"
        data-bs-toggle="modal"
        data-bs-target="#editDataModal"
        data-nim=<?php echo $data['nim']; ?>
        data-nama=<?php echo $data['nama']; ?>
        data-jurusan=<?php echo $data['jurusan']; ?>
        data-angkatan=<?php echo $data['angkatan']; ?>">
            <i class="fas fa-edit"></i> Edit
        </button>
        <a href="hapus_mhs.php?nim=<?php echo $data['nim']; ?>" class="btn btn-danger btn-sm">
            <i class="fas fa-trash-alt"></i> Delete</a>
    </td>
</tr>
<?php
}
?>
```

Jalankan program tuliskan hasilnya dibawah ini:

NO	NIM	NAMA MAHASISWA	JURUSAN	ANGKATAN	AKSI
1	4343251101	ECHA ANA ZACHKY	TEKNIK INFORMATIKA	2025	<button>Edit</button> <button>Delete</button>
2	4343251100	TINNO	TEKNIK INFORMATIKA	2025	<button>Edit</button> <button>Delete</button>
3	4342511025	FRISHTA	TEKNIK INFORMATIKA	25	<button>Edit</button> <button>Delete</button>
4	4342511008	GREXIA ANGELINA	TEKNIK INFORMATIKA	2021	<button>Edit</button> <button>Delete</button>
5	4342511020	AYUDIA	TEKNIK INFORMATIKA	2025	<button>Edit</button> <button>Delete</button>

2. Tambahkan kode form untuk edit data berikut dibawah kode form modal tambah data:

```
<!-- Modal Edit Data -->
<div class="modal fade" id="editDataModal" tabindex="-1" aria-labelledby="editDataLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="editDataLabel">Edit Data Mahasiswa</h5>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
            </div>
            <div class="modal-body">
                <form action="ubah_mhs.php" method="POST">
                    <input type="hidden" id="edit-nim" name="nim">
                    <div class="mb-3">
                        <label for="edit-nama" class="form-label">Nama Mahasiswa</label>
                        <input type="text" class="form-control" id="edit-nama" name="nama" required>
                    </div>
                    <div class="mb-3">
                        <label for="edit-jurusan" class="form-label">Jurusan</label>
                        <input type="text" class="form-control" id="edit-jurusan" name="jurusan" required>
                    </div>
                    <div class="mb-3">
                        <label for="edit-angkatan" class="form-label">Angkatan</label>
                        <input type="text" class="form-control" id="edit-angkatan" name="angkatan" required>
                    </div>
                    <button type="submit" class="btn btn-primary">Update</button>
                </form>
            </div>
        </div>
    </div>
</div>
```

- Tambahkan kode javascript untuk menampilkan data di modal seperti berikut:

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
<script>
    document.addEventListener('DOMContentLoaded', function () {
        const editButtons = document.querySelectorAll('.edit-button');
        editButtons.forEach(button => {
            button.addEventListener('click', function () {
                const nim = this.getAttribute('data-nim');
                const nama = this.getAttribute('data-nama');
                const jurusan = this.getAttribute('data-jurusan');
                const angkatan = this.getAttribute('data-angkatan');

                document.getElementById('edit-nim').value = nim;
                document.getElementById('edit-nama').value = nama;
                document.getElementById('edit-jurusan').value = jurusan;
                document.getElementById('edit-angkatan').value = angkatan;
            });
        });
    });
</script>
```

- Jalankan program tuliskan hasilnya dibawah ini:

The screenshot shows a web-based administration interface. On the left is a sidebar with links: Dashboard, Daftar Mahasiswa (selected), Daftar Dosen, and Daftar Pegawai. The main area has a title "SELAMAT DATANG ADMIN". A modal window titled "Edit Data Mahasiswa" is open, containing fields for "Nama Mahasiswa" (ECHA ANA ZACHKY), "Jurusan" (TEKNIK INFORMATIKA), and "Angkatan" (2025). Below the modal is a table with columns "NO", "NIM", "ANGKATAN", and "AKSI". The table data is as follows:

NO	NIM	ANGKATAN	AKSI
1	43432511	2025	<button>Edit</button> <button>Delete</button>
2	43432511	2025	<button>Edit</button> <button>Delete</button>
3	43425110	25	<button>Edit</button> <button>Delete</button>
4	43425110	2021	<button>Edit</button> <button>Delete</button>
5	43425110	2025	<button>Edit</button> <button>Delete</button>

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

```
<?php
// include database connection file
include 'koneksi.php';
$nim= $_POST['nim'];
$nama=$_POST['nama'];
$jurusan=$_POST['jurusan'];
$angkatan=$_POST['angkatan'];
$result = mysqli_query($koneksi, "UPDATE mahasiswa SET nama='$nama',jurusan='$jurusan'
,angkatan='$angkatan' WHERE nim='$nim'");
// Redirect to homepage to display updated user in list
header("Location: mahasiswa.php");
?>
```

- Jalankan program klik tombol **edit** untuk baris data tertentu dan ubah data sesuai keinginan selanjutnya klik tombol update, tuliskan hasilnya dibawah ini:

The screenshot shows the same web application after the update. The modal window now displays the updated name "ECHA ANA ZACHKYY009". The table below shows the updated data:

NO	NIM	ANGKATAN	AKSI
1	43432511	2025	<button>Edit</button> <button>Delete</button>
2	43425110	2021	<button>Edit</button> <button>Delete</button>
3	43425110	2025	<button>Edit</button> <button>Delete</button>
4	43425110	2021	<button>Edit</button> <button>Delete</button>

localhost/dashboard_P910/mahasiswa.php

SELAMAT DATANG ADMIN

Daftar Mahasiswa

[+ TAMBAH DATA MAHASISWA](#)

NO	NIM	NAMA MAHASISWA	JURUSAN	ANGKATAN	AKSI
1	4343251101	ECHA ANA ZACHKY009	TEKNIK INFORMATIKA	2025	Edit Delete
2	4342511008	GREXIA ANGELINA	TEKNIK INFORMATIKA	2021	Edit Delete
3	4342511020	AYUDIA	TEKNIK INFORMATIKA	2025	Edit Delete
4	4342511021	AYUDIA	TEKNIK INFORMATIKA	2021	Edit Delete

4. Menghapus data, tambahkan file baru simpan dengan nama hapus_mhs.php ketikkan kode berikut:

```
<?php
// include database connection file
include 'koneksi.php';
$nim = $_GET['nim'];
$result = mysqli_query($koneksi, "DELETE FROM mahasiswa WHERE nim='$nim'");
header("Location:mahasiswa.php");
?>
```

- Jalankan program klik tombol delete untuk baris data tertentu, tuliskan hasilnya dibawah ini:

The screenshot shows a web-based administration interface. On the left is a sidebar with yellow buttons for 'Dashboard', 'Daftar Mahasiswa' (which is currently selected), 'Daftar Dosen', and 'Daftar Pegawai'. The main area has a black header with the text 'SELAMAT DATANG ADMIN' and a sub-header 'Daftar Mahasiswa'. Below this is a button labeled '+ TAMBAH DATA MAHASISWA'. A table lists three students:

NO	NIM	NAMA MAHASISWA	JURUSAN	ANGKATAN	AKSI
1	434251101	ECHA ANA ZACHKYY009	TEKNIK INFORMATIKA	2025	<button>Edit</button> <button>Delete</button>
2	4342511008	GREXIA ANGELINA	TEKNIK INFORMATIKA	2021	<button>Edit</button> <button>Delete</button>
3	4342511020	AYUDIA	TEKNIK INFORMATIKA	2025	<button>Edit</button> <button>Delete</button>