

UJIAN TENGAH SEMESTER
PRAKTIKUM SISTEM ADMINISTRASI DAN INFORMASI



Disusun oleh:

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PROGRAM STUDI D-IV TEKNOLOGI REKAYASA PERANGKAT LUNAK
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SEKOLAH VOKASI
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YOGYAKARTA
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- Buatlah tiga buah table (mahasiswa, matakuliah, perkuliahan). Struktur table bisa dilihat dibawah ini. Untuk mempercepat pengerjaan bisa menggunakan SQL client software yang sudah tersedia (dbeaver, phpmyadmin, sqlyog, dll). Nama database : sait_db_uts.

a. Table mahasiswa

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 nim	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2 nama	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 alamat	varchar(40)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 tanggal_lahir	date			No	None			Change Drop More

b. Table matakuliah

				kode_mk	nama_mk	sks
<input type="checkbox"/>	Edit	Copy	Delete	svpl_001	database	2
<input type="checkbox"/>	Edit	Copy	Delete	svpl_002	kecerdasan artifisia	2
<input type="checkbox"/>	Edit	Copy	Delete	svpl_003	interoperabilitas	2

c. Table perkuliahan

<div><div><div><div></div><div></div><div></div></div><div></div></div></div>				id_perkuliahan	nim	kode_mk	nilai
<div><div><div></div></div></div>	<div><div></div><div>Edit</div></div>	<div><div></div><div>Copy</div></div>	<div><div></div><div>Delete</div></div>	21	sv_002	svpl_002	77
<div><div><div></div></div></div>	<div><div></div><div>Edit</div></div>	<div><div></div><div>Copy</div></div>	<div><div></div><div>Delete</div></div>	29	sv_001	svpl_002	87
<div><div><div></div></div></div>	<div><div></div><div>Edit</div></div>	<div><div></div><div>Copy</div></div>	<div><div></div><div>Delete</div></div>	31	sv_001	svpl_001	90
<div><div><div></div></div></div>	<div><div></div><div>Edit</div></div>	<div><div></div><div>Copy</div></div>	<div><div></div><div>Delete</div></div>	79	sv_001	svpl_003	88
<div><div><div></div></div></div>	<div><div></div><div>Edit</div></div>	<div><div></div><div>Copy</div></div>	<div><div></div><div>Delete</div></div>	91	sv_002	svpl_001	90

- Silahkan mengisi data di dalam table yang sudah dibuat sesuai contoh dibawah ini. Nilai dari kolom id_perkuliahan tidak harus sama seperti contoh karena Auto Increment.

a. Table mahasiswa

				nim	nama	alamat	tanggal_lahir
<input type="checkbox"/>	Edit	Copy	Delete	sv_001	joko	bantul	1999-12-07
<input type="checkbox"/>	Edit	Copy	Delete	sv_002	paul	sleman	2000-10-07
<input type="checkbox"/>	Edit	Copy	Delete	sv_003	andy	surabaya	2000-02-09

b. Table matakuliah

				kode_mk	nama_mk	sks
<input type="checkbox"/>	Edit	Copy	Delete	svpl_001	database	2
<input type="checkbox"/>	Edit	Copy	Delete	svpl_002	kecerdasan artifisia	2
<input type="checkbox"/>	Edit	Copy	Delete	svpl_003	interoperabilitas	2

c. Table perkuliahan

				id_perkuliahan	nim	kode_mk	nilai
<input type="checkbox"/>	Edit	Copy	Delete	21	sv_002	svpl_002	77
<input type="checkbox"/>	Edit	Copy	Delete	29	sv_001	svpl_002	87
<input type="checkbox"/>	Edit	Copy	Delete	31	sv_001	svpl_001	90
<input type="checkbox"/>	Edit	Copy	Delete	79	sv_001	svpl_003	88
<input type="checkbox"/>	Edit	Copy	Delete	91	sv_002	svpl_001	90

- d. Buatlah SQL JOIN di SQL client software yang dipakai, sehingga jika dieksekusi hasilnya seperti dibawah ini. SQL ini nantinya akan dipakai oleh REST API (soal nomer 3) untuk menampilkan semua nilai mahasiswa

Kode SQL:

```
SELECT m.nim, m.nama, m.alamat, m.tanggal_lahir, mk.kode_mk, mk.nama_mk,
mk.sks, p.nilai FROM mahasiswa m INNER JOIN perkuliahan p ON m.nim = p.nim
INNER JOIN matakuliah mk ON p.kode_mk = mk.kode_mk;
```

v	sait_db_uts	matakuliah
		kode_mk : varchar(10)
		nama_mk : varchar(20)
		sks : int(2)

v	sait_db_uts	perkuliahan
		id_perkuliahan : int(5)
		nim : varchar(10)
		kode_mk : varchar(10)
		nilai : double

v	sait_db_uts	mahasiswa
		nim : varchar(10)
		nama : varchar(20)
		alamat : varchar(40)
		tanggal_lahir : date

Hasil output kode SQL JOIN:

Showing rows 0 - 4 (5 total, Query took 0.0003 seconds.)

SELECT m.nim, m.nama, m.alamat, m.tanggal_lahir, mk.kode_mk, mk.nama_mk, mk.sks, p.nilai FROM mahasiswa m INNER JOIN perkuliahan p ON m.nim = p.nim INNER JOIN matakuliah mk ON p.kode_mk = mk.kode_mk;

☐

Profiling

[\[Edit inline \]](#)

[\[Edit \]](#)

[\[Explain SQL \]](#)

[\[Create PHP code \]](#)

[\[Refresh \]](#)

☐

Show all

Number of rows:

25

Filter rows:

Search this table

Extra options

nim	nama	alamat	tanggal_lahir	kode_mk	nama_mk	sks	nilai
sv_002 paul	sleman		2000-10-07	svpl_002	kecerdasan artifisia	2	77
sv_001 joko	bantul		1999-12-07	svpl_002	kecerdasan artifisia	2	87
sv_001 joko	bantul		1999-12-07	svpl_001	database	2	90
sv_001 joko	bantul		1999-12-07	svpl_003	interoperabilitas	2	88
sv_002 paul	sleman		2000-10-07	svpl_001	database	2	90

3. Dengan menggunakan tiga table diatas, buatlah REST API dengan format JSON untuk mengelola data nilai mahasiswa, detail fungsinya seperti di bawah ini (poin a sampai dengan e). REST API dibuat menggunakan bahasa pemrograman PHP dan boleh jika menggunakan framework. Untuk setiap fungsi, silahkan melakukan test akses dengan Software Postman. Proses eksekusi melalui Software Postman, mohon untuk juga dipresentasikan di dalam video demonstrasi.

config.php

```
api_mahasiswa > config.php > ...
1  <?php
2  /* Database credentials. Assuming you are running MySQL
3  server with default setting (user 'root' with no password) */
4  define('DB_SERVER', 'localhost');
5  define('DB_USERNAME', 'root');
6  define('DB_PASSWORD', '');
7  define('DB_NAME', 'sait_db_uts');
8
9  /* Attempt to connect to MySQL database */
10 $mysqli = mysqli_connect(DB_SERVER, DB_USERNAME, DB_PASSWORD, DB_NAME);
11
12 // Check connection
13 if($mysqli === false){
14     die("ERROR: Could not connect. " . mysqli_connect_error());
15 }
16 >>
```

a. Menampilkan semua nilai mahasiswa.

```
1 reference
function get_all_mahasiswa()
{
    global $mysqli;
    $query = "SELECT m.nim, m.nama, m.alamat, m.tanggal_lahir, p.kode_mk, mk.nama_mk, mk.sks, p.nilai
    FROM mahasiswa m
    INNER JOIN perkuliahan p ON m.nim = p.nim
    INNER JOIN matakuliah mk ON p.kode_mk = mk.kode_mk";
    $data = array();
    $result = $mysqli->query($query);
    while ($row = mysqli_fetch_assoc($result)) {
        $data[] = $row;
    }
    $response = array(
        'status' => 1,
        'message' => 'Get List Mahasiswa Successfully.',
        'data' => $data
    );
    header('Content-Type: application/json');
    echo json_encode($response);
}
```

Mahasiswa / all_mahasiswa

GET http://localhost/UTS_PSAIT/api_mahasiswa/mahasiswa_api.php

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
-----	-------	-------------	-----	-----------

Body Cookies Headers (7) Test Results Status: 200 OK Time: 13 ms Size: 1.04 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": 1,
3   "message": "Get List Mahasiswa Successfully.",
4   "data": [
5     {
6       "nim": "sv_002",
7       "nama": "paul",
8       "alamat": "sleman",
9       "tanggal_lahir": "2000-10-07",
10      "kode_mk": "svpl_002",
11      "nama_mk": "kecerdasan artifisia",
12      "sks": "2",
13      "nilai": "77"
14    },
15    {
16      "nim": "sv_001",
17      "nama": "joko",
18      "alamat": "bantul",
19      "tanggal_lahir": "1999-12-07",
20      "kode_mk": "svpl_002",
21      "nama_mk": "kecerdasan artifisia",
22      "sks": "2",
23      "nilai": "87"
```

b. Menampilkan nilai mahasiswa tertentu (berdasarkan parameter nim).

```
1 reference
function get_mahasiswa_by_nim($nim = '')
{
    global $mysqli;
    $query = "SELECT m.nim, m.nama, m.alamat, m.tanggal_lahir, p.kode_mk, mk.nama_mk, mk.sks, p.nilai
        FROM mahasiswa m
        INNER JOIN perkuliahan p ON m.nim = p.nim
        INNER JOIN matakuliah mk ON p.kode_mk = mk.kode_mk";
    if (!empty($nim)) {
        $query .= " WHERE m.nim = '" . $nim . "'";
    } else {
        // Jika nim tidak disediakan, kembalikan pesan kesalahan
        $response = array(
            'status' => 0,
            'message' => 'Parameter nim is required.'
        );
        http_response_code(400); // Bad Request
        header('Content-Type: application/json');
        echo json_encode($response);
        return;
    }
    $data = array();
    $result = $mysqli->query($query);
    if ($result->num_rows > 0) {
        while ($row = mysqli_fetch_assoc($result)) {
            $data[] = $row;
        }
        $response = array(
            'status' => 1,
            'message' => 'Get Mahasiswa Successfully.',
            'data' => $data
        );
    } else {
        // Jika tidak ada hasil untuk nim yang diberikan, kembalikan pesan
        $response = array(
            'status' => 0,
            'message' => 'Mahasiswa with nim ' . $nim . ' not found.'
        );
    }
    header('Content-Type: application/json');
    echo json_encode($response);
}
```

Mahasiswa / **get_mahasiswa_by_nim** Save Send

GET ▼ http://localhost/UTS_PSAIT/api_mahasiswa/mahasiswa_api.php?nim=sv_001 Send

Params • Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	nim	sv_001			
	Key	Value	Description		

Body Cookies Headers (7) Test Results Status: 200 OK Time: 11 ms Size: 469 B Save as example

Pretty Raw Preview Visualize **JSON** ▼ 🔍

```
1 {
2   "status": 1,
3   "message": "Get Mahasiswa Successfully.",
4   "data": [
5     {
6       "nim": "sv_001",
7       "nama_mahasiswa": "joko",
8       "alamat": "bantul",
9       "tanggal_lahir": "1999-12-07",
10      "kode_mk": "svpl_003",
11      "nama_mk": "interoperabilitas",
12      "sks": "2",
13      "nilai": "88"
14    }
15  ]
16 }
```

- c. Memasukkan nilai baru untuk mahasiswa tertentu.

```
function add_newscore_mahasiswa()
{
    global $mysqli;
    $content_type = $_SERVER["CONTENT_TYPE"];

    $nim = "";
    $kode_mk = "";
    $nilai = "";

    if ($content_type === "application/json") {
        $data = json_decode(file_get_contents('php://input'), true);
        if (!empty($data["nim"]) && !empty($data["kode_mk"]) && !empty($data["nilai"])) {
            $nim = $data["nim"];
            $kode_mk = $data["kode_mk"];
            $nilai = $data["nilai"];
        } else {
            $response = array(
                'status' => 0,
                'message' => 'Parameters "nim", "kode_mk", and "nilai" are required.'
            );
            header('Content-Type: application/json');
            echo json_encode($response);
            return;
        }
    } else {
        if (!empty($_POST["nim"]) && !empty($_POST["kode_mk"]) && !empty($_POST["nilai"])) {
            $nim = $_POST["nim"];
            $kode_mk = $_POST["kode_mk"];
            $nilai = $_POST["nilai"];
        } else {
            $response = array(
                'status' => 0,
                'message' => 'Parameters "nim", "kode_mk", and "nilai" are required.'
            );
            header('Content-Type: application/json');
            echo json_encode($response);
            return;
        }
    }

    $result = mysqli_query($mysqli, "INSERT INTO perkuliahan SET nim = '$nim', kode_mk = '$kode_mk', nilai = '$nilai'");

    if ($result) {
        $response = array(
            'status' => 1,
            'message' => 'Mahasiswa Added Successfully.'
        );
    } else {
        $response = array(
            'status' => 0,
            'message' => 'Mahasiswa Addition Failed.'
        );
    }

    header('Content-Type: application/json');
    echo json_encode($response);
}
```

Mahasiswa / add_mahasiswa

POST http://localhost/UTS_PSAIT/api_mahasiswa/mahasiswa_api.php

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "nim": "sv_002",
3   "kode_mk": "svpl_001",
4   "nilai": "97"
5 }
```

ody Cookies Headers (7) Test Results Status: 200 OK Time: 14 ms Size: 303 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": 1,
3   "message": "Mahasiswa Added Successfully."
4 }
```


d. Mengupdate nilai (berdasarkan parameter nim dan kode_mk).

```
function update_mhs($nim, $kode_mk)
{
    global $mysqli;
    $data = json_decode(file_get_contents('php://input'), true);
    if (!empty($data["nilai"])) {
        $nilai = $data["nilai"];
    } else {
        $response = array(
            'status' => 0,
            'message' => 'Parameter "nilai" is required.'
        );
        header('Content-Type: application/json');
        echo json_encode($response);
        return;
    }

    $result = mysqli_query($mysqli, "UPDATE perkuliahan SET nilai = '$nilai' WHERE nim='$nim' AND kode_mk='$kode_mk'");

    if ($result) {
        $response = array(
            'status' => 1,
            'message' => 'Nilai Updated Successfully for nim ' . $nim . ' and kode_mk ' . $kode_mk . ' .'
        );
    } else {
        $response = array(
            'status' => 0,
            'message' => 'Nilai Updation Failed.'
        );
    }

    header('Content-Type: application/json');
    echo json_encode($response);
}
```

Mahasiswa / update_nilai

PUT http://localhost/UTS_PSAIT/api_mahasiswa/mahasiswa_api.php Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON

```
1 {
2   ... "nim": "sv_001",
3   ... "kode_mk": "svpl_002",
4   ... "nilai": "83"
5 }
```

Body Cookies Headers (7) Test Results Status: 200 OK Time: 12 ms Size: 333 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": 1,
3   "message": "Nilai Updated Successfully for nim sv_001 and kode_mk svpl_002."
4 }
```

- e. Menghapus nilai (berdasarkan parameter nim dan kode_mk).

```
function delete_score_mahasiswa($nim, $kode_mk)
{
    global $mysqli;

    if (empty($nim) || empty($kode_mk)) {
        $response = array(
            'status' => 0,
            'message' => 'Parameters "nim" and "kode_mk" are required.'
        );
        header('Content-Type: application/json');
        echo json_encode($response);
        return;
    }

    $result = mysqli_query($mysqli, "DELETE FROM perkuliahan WHERE nim='$nim' AND kode_mk='$kode_mk'");

    if ($result) {
        $response = array(
            'status' => 1,
            'message' => 'Nilai Deleted Successfully for nim ' . $nim . ' and kode_mk ' . $kode_mk . ' .'
        );
    } else {
        $response = array(
            'status' => 0,
            'message' => 'Nilai Deletion Failed.'
        );
    }

    header('Content-Type: application/json');
    echo json_encode($response);
}
```

Mahasiswa / delete_nilai

DELETE http://localhost/UTS_PSAIT/api_mahasiswa/mahasiswa_api.php

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "nim" : "sv_001",
3   "kode_mk" : "svpl_002"
4 }
```

Status: 200 OK Time: 32 ms Size: 333 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": 1,
3   "message": "Nilai Deleted Successfully for nim sv_001 and kode_mk svpl_002."
4 }
```

4. Buatlah program front-end sederhana yang memanggil REST API tersebut untuk menampilkan semua nilai mahasiswa. Hasil eksekusi program, mohon untuk juga dipresentasikan di dalam video. Berikut adalah detail fungsi yang harus ada di front-end.

a. Menampilkan semua nilai mahasiswa.

← → ↻ 🌐 localhost/UTS_PSAIT/crud_mahasiswa/crudMahasiswa.php ☆ 📄 📌 ⋮

Sistem Informasi Akademik

Tambah Nilai

Nilai Mahasiswa								
NIM	Nama	Alamat	Tanggal Lahir	Kode MK	Nama MK	SKS	Nilai	Aksi
sv_002	paul	sleman	2000-10-07	svpl_002	kecerdasan artifisia	2	77	<button>Update</button> <button>Hapus</button>
sv_001	joko	bantul	1999-12-07	svpl_002	kecerdasan artifisia	2	87	<button>Update</button> <button>Hapus</button>
sv_001	joko	bantul	1999-12-07	svpl_001	database	2	90	<button>Update</button> <button>Hapus</button>
sv_001	joko	bantul	1999-12-07	svpl_003	interoperabilitas	2	88	<button>Update</button> <button>Hapus</button>
sv_002	paul	sleman	2000-10-07	svpl_001	database	2	90	<button>Update</button> <button>Hapus</button>

b. Memasukkan nilai baru untuk mahasiswa tertentu.

← → ↻ 🌐 localhost/UTS_PSAIT/crud_mahasiswa/crudMahasiswa.php ☆ 📄 📌 ⋮

Sistem Informasi Akademik

Masukkan Nilai Baru

Tambah Nilai

NIM:

Kode MK:

Nilai:

Simpan

← → ↻ 📄 localhost/UTS_PSAIT/crud_mahasiswa/crudMahasiswa.php ☆ 📄 ⬇️ 👤

Sistem Informasi Akademik

Masukkan Nilai Baru

[Tambah Nilai](#)

NIM:

Kode MK:

Nilai:

[Simpan](#)

c. Mengupdate nilai mahasiswa tertentu.

← → ↻ 📄 localhost/UTS_PSAIT/crud_mahasiswa/crudMahasiswa.php? ☆ 📄 ⬇️ 👤

localhost says

Masukkan nilai baru:

[OK](#)
[Cancel](#)

[Tambah Nilai](#)

Nilai Mahasiswa

NIM	Nama	Alamat	Tanggal Lahir	Kode MK	Nama MK	SKS	Nilai	Aksi
sv_002	paul	sleman	2000-10-07	svpl_002	kecerdasan artifisia	2	77	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_002	kecerdasan artifisia	2	87	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_001	database	2	90	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_003	interoperabilitas	2	91	Update Hapus

sv_001
joko
bantul
1999-12-07
svpl_003
interoperabilitas
2
95

[Update](#)
[Hapus](#)

d. Menghapus nilai mahasiswa tertentu

localhost/UTS_PSAIT/crud_mahasiswa/crudMahasiswa.php?

localhost says
Apakah Anda yakin ingin menghapus nilai ini?

OK Cancel

Tambah Nilai

Nilai Mahasiswa

NIM	Nama	Alamat	Tanggal Lahir	Kode MK	Nama MK	SKS	Nilai	Aksi
sv_002	paul	sleman	2000-10-07	svpl_002	kecerdasan artifisia	2	77	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_002	kecerdasan artifisia	2	87	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_001	database	2	90	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_003	interoperabilitas	2	95	Update Hapus

localhost/UTS_PSAIT/crud_mahasiswa/crudMahasiswa.php?

Sistem Informasi Akademik

Tambah Nilai

Nilai Mahasiswa

NIM	Nama	Alamat	Tanggal Lahir	Kode MK	Nama MK	SKS	Nilai	Aksi
sv_002	paul	sleman	2000-10-07	svpl_002	kecerdasan artifisia	2	77	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_002	kecerdasan artifisia	2	87	Update Hapus
sv_001	joko	bantul	1999-12-07	svpl_001	database	2	90	Update Hapus

Kode Lengkap:

https://github.com/aisaselvira/UTS_PSAIT/blob/master/crud_mahasiswa/crudMahasiswa.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mahasiswa</title>
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.cs
s" rel="stylesheet">
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
  <div class="container mt-5">
    <h1 class="text-center mb-4 judul">Sistem Informasi Akademik</h1>

    <button id="btnTambahNilai" class="btn btn-success mb-3 float-right"
onclick="toggleFormTambahNilai()">Tambah Nilai</button>

    <div id="formTambahNilai" class="mb-4 d-none">
      <h2>Masukkan Nilai Baru</h2>
      <form id="formTambahNilaiInner">
        <div class="form-group">
          <label for="nim">NIM:</label>
          <input type="text" class="form-control" id="nim"
name="nim">
        </div>
        <div class="form-group">
          <label for="kodeMK">Kode MK:</label>
          <input type="text" class="form-control" id="kodeMK"
name="kodeMK">
        </div>
        <div class="form-group">
          <label for="nilai">Nilai:</label>
          <input type="text" class="form-control" id="nilai"
name="nilai">
        </div>
        <button type="submit" class="btn btn-primary">Simpan</button>
      </form>
    </div>

    <div id="actionMessage" class="action-success"></div>

    <div>
      <br><br>
      <h3 class="judul">Nilai Mahasiswa</h3>
      <table class="table table-custom">
        <thead>
          <tr class="tabel_mhs">
            <th scope="col">NIM</th>
            <th scope="col">Nama</th>
            <th scope="col">Alamat</th>
            <th scope="col">Tanggal Lahir</th>
            <th scope="col">Kode MK</th>
            <th scope="col">Nama MK</th>
            <th scope="col">SKS</th>
            <th scope="col">Nilai</th>
            <th scope="col">Aksi</th>
          </tr>
        </thead>
        <tbody id="nilaiMahasiswaBody">
        </tbody>
      </table>
    </div>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js
"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js">
</script>
    <script src="js/script.js"></script>
  </body>
</html>
```

Link demo:

<https://drive.google.com/drive/folders/1VPjUh0hU34MR-fr807JemrZMhQOjFMFE?usp=sharing>