

PRAKTIKUM PEMROGRAMAN BERBASIS WEB (A)



Oleh :

Muhammad Rachel Fathan Idzhany

4522210071

Dosen:

Adi Wahyu Pribadi, M.Kom.

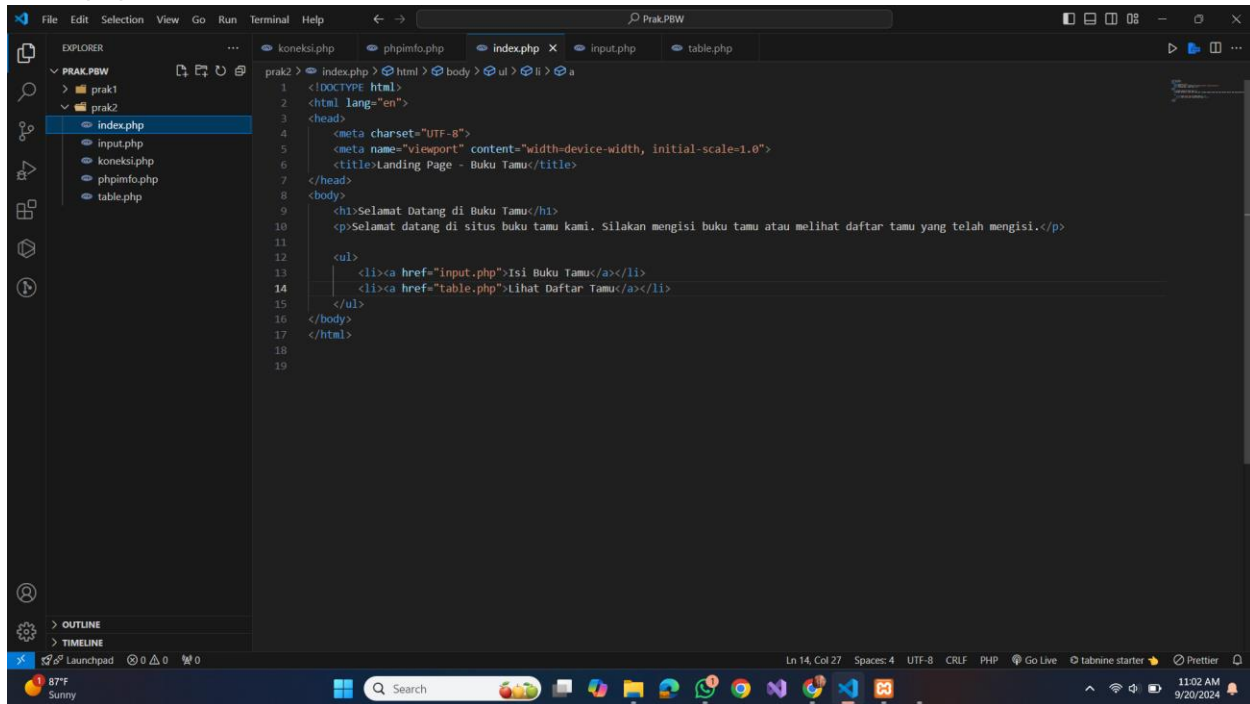
S1 – Teknik Informatika

Fakultas Teknik Universitas Pancasila

2024/2025

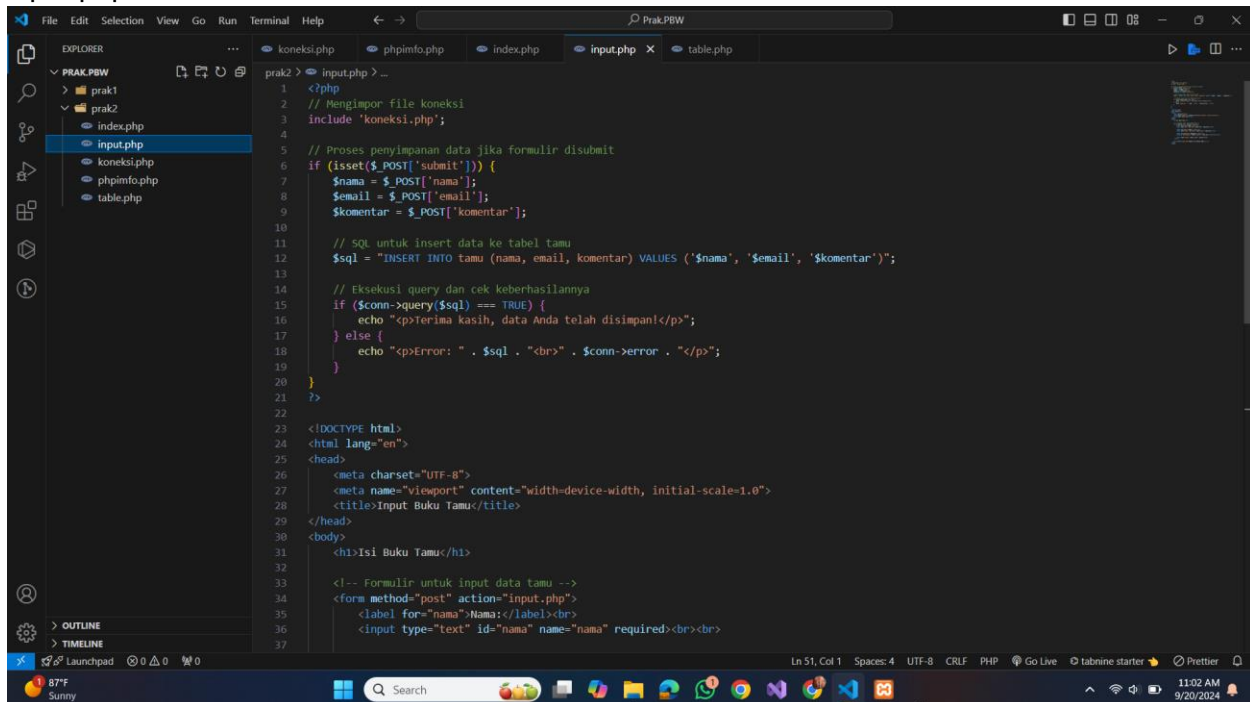
Koding:

index.php

A screenshot of a code editor window titled 'Prak.PBW'. The Explorer panel on the left shows a project structure with 'prak1' and 'prak2' folders. 'prak2' contains 'index.php', 'input.php', 'koneksi.php', 'phpinfo.php', and 'table.php'. The 'index.php' file is selected and its content is displayed in the main editor. The code is an HTML document with a title 'Landing Page - Buku Tamu' and a body containing a welcome message and two links: 'Isi Buku Tamu' (linking to 'input.php') and 'Lihat Daftar Tamu' (linking to 'table.php').

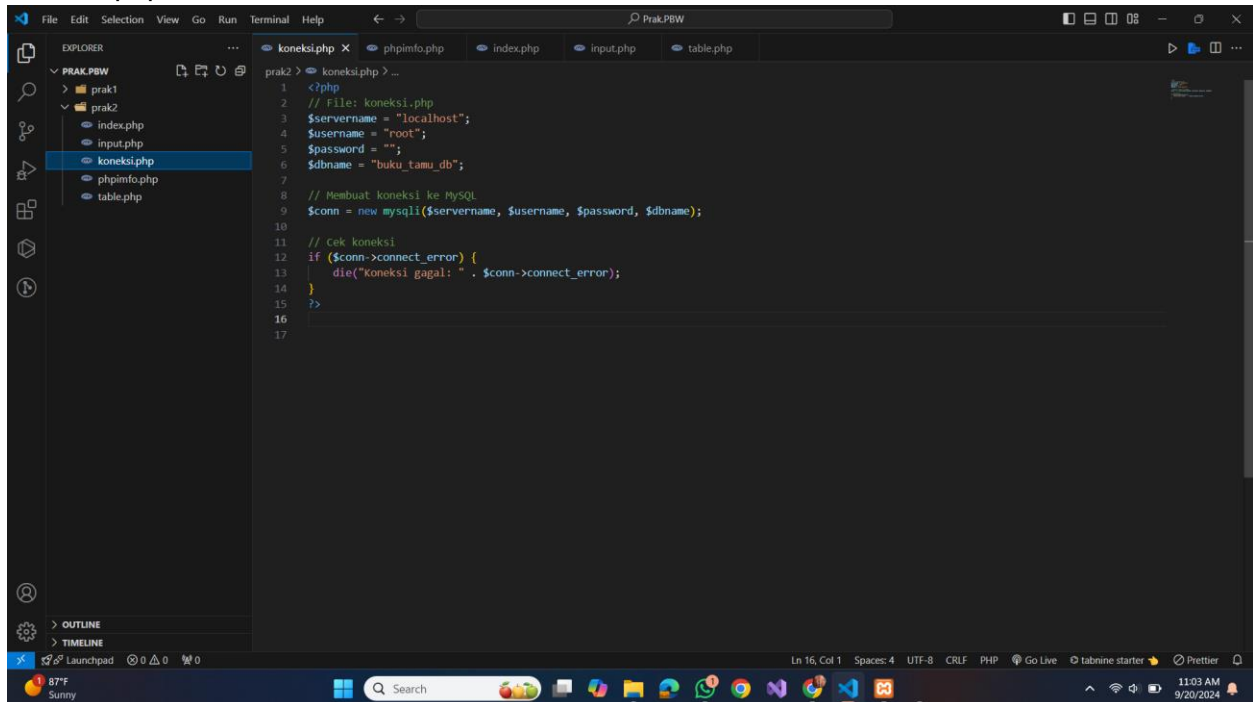
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Landing Page - Buku Tamu</title>
7 </head>
8 <body>
9   <h1>Selamat Datang di Buku Tamu</h1>
10  <p>Selamat datang di situs buku tamu kami. Silakan mengisi buku tamu atau melihat daftar tamu yang telah mengisi.</p>
11
12  <ul>
13    <li><a href="input.php">Isi Buku Tamu</a></li>
14    <li><a href="table.php">Lihat Daftar Tamu</a></li>
15  </ul>
16 </body>
17 </html>
18
19
```

input.php

A screenshot of a code editor window titled 'Prak.PBW'. The Explorer panel on the left shows the same project structure as the previous screenshot. The 'input.php' file is selected and its content is displayed in the main editor. The code is a PHP script that includes 'koneksi.php', checks if the 'submit' button was pressed, and inserts the submitted data (nama, email, komentar) into a database table named 'tamu'. It also includes an HTML form for inputting the data.

```
1 <?php
2 // Mengimpor file koneksi
3 include "koneksi.php";
4
5 // Proses penyimpanan data jika formulir disubmit
6 if (isset($_POST['submit'])) {
7   $nama = $_POST['nama'];
8   $email = $_POST['email'];
9   $komentar = $_POST['komentar'];
10
11   // SQL untuk insert data ke tabel tamu
12   $sql = "INSERT INTO tamu (nama, email, komentar) VALUES ('$nama', '$email', '$komentar')";
13
14   // Eksekusi query dan cek keberhasilannya
15   if ($conn->query($sql) === TRUE) {
16     echo "<p>Terima kasih, data Anda telah disimpan</p>";
17   } else {
18     echo "<p>Error: " . $sql . "<br>" . $conn->error . "</p>";
19   }
20 }
21 ?>
22
23 <!DOCTYPE html>
24 <html lang="en">
25 <head>
26   <meta charset="UTF-8">
27   <meta name="viewport" content="width=device-width, initial-scale=1.0">
28   <title>Input Buku Tamu</title>
29 </head>
30 <body>
31   <h1>Isi Buku Tamu</h1>
32
33   <!-- Formulir untuk input data tamu -->
34   <form method="post" action="input.php">
35     <label for="nama">Nama:</label><br>
36     <input type="text" id="nama" name="nama" required><br><br>
37
```

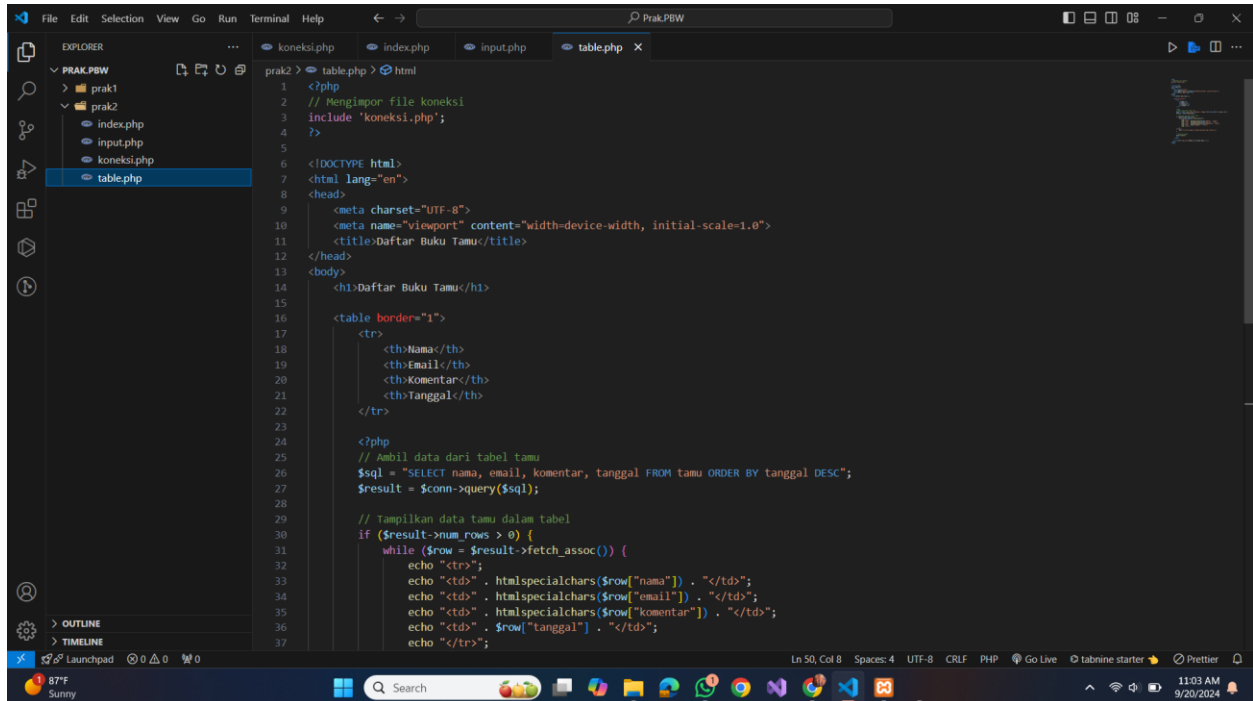
koneksi.php



The screenshot shows the Visual Studio Code editor with the file explorer on the left. The 'PRAK.PBW' project is expanded, showing 'prak1' and 'prak2' folders. Inside 'prak2', the files 'index.php', 'input.php', 'koneksi.php', 'phpinfo.php', and 'table.php' are listed. The 'koneksi.php' file is selected and its code is displayed in the editor. The code is a PHP script that establishes a MySQL connection using the mysqli extension. It sets the servername to 'localhost', username to 'root', password to an empty string, and dbname to 'buku_tamu_db'. It then creates a new mysqli object and checks for connection errors. The status bar at the bottom indicates the cursor is at line 16, column 1, with 4 spaces, UTF-8 encoding, CRLF line endings, and PHP language mode. The system tray shows a temperature of 87°F and the date 9/20/2024.

```
1 <?php
2 // File: koneksi.php
3 $servername = "localhost";
4 $username = "root";
5 $password = "";
6 $dbname = "buku_tamu_db";
7
8 // Membuat koneksi ke MySQL
9 $conn = new mysqli($servername, $username, $password, $dbname);
10
11 // Cek koneksi
12 if ($conn->connect_error) {
13     die("Koneksi gagal: " . $conn->connect_error);
14 }
15
16
17
```

Table.php



The screenshot shows the Visual Studio Code editor with the file explorer on the left. The 'PRAK.PBW' project is expanded, showing 'prak1' and 'prak2' folders. Inside 'prak2', the files 'index.php', 'input.php', 'koneksi.php', 'phpinfo.php', and 'table.php' are listed. The 'table.php' file is selected and its code is displayed in the editor. The code is a PHP script that includes 'koneksi.php' and outputs an HTML table. The table has a header with columns 'Nama', 'Email', 'Komentar', and 'Tanggal'. The script then queries the database for all records and displays them in the table. The status bar at the bottom indicates the cursor is at line 50, column 0, with 0 spaces, UTF-8 encoding, CRLF line endings, and PHP language mode. The system tray shows a temperature of 87°F and the date 9/20/2024.

```
1 <?php
2 // Mengimpor file koneksi
3 include 'koneksi.php';
4
5
6 <!DOCTYPE html>
7 <html lang="en">
8 <head>
9     <meta charset="UTF-8">
10     <meta name="viewport" content="width=device-width, initial-scale=1.0">
11     <title>Daftar Buku Tamu</title>
12 </head>
13 <body>
14     <h1>Daftar Buku Tamu</h1>
15
16     <table border="1">
17         <tr>
18             <th>Nama</th>
19             <th>Email</th>
20             <th>Komentar</th>
21             <th>Tanggal</th>
22         </tr>
23
24         <?php
25             // Ambil data dari tabel tamu
26             $sql = "SELECT nama, email, komentar, tanggal FROM tamu ORDER BY tanggal DESC";
27             $result = $conn->query($sql);
28
29             // Tampilkan data tamu dalam tabel
30             if ($result->num_rows > 0) {
31                 while ($row = $result->fetch_assoc()) {
32                     echo "<tr>";
33                     echo "<td>". htmlspecialchars($row["nama"]) . "</td>";
34                     echo "<td>". htmlspecialchars($row["email"]) . "</td>";
35                     echo "<td>". htmlspecialchars($row["komentar"]) . "</td>";
36                     echo "<td>". $row["tanggal"] . "</td>";
37                     echo "</tr>";
38                 }
39             }
40         </?php>
41     </table>
42
```

Kode SQL:

← Server: 127.0.0.1

Basis data

SQL

Status

Akun pengguna

Ekspor

Impor

Tampilkan kotak kueri

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0012 detik.)

```
CREATE DATABASE buku_tamu_db;
```

← Server: 127.0.0.1

Basis data

SQL

Status

Akun pengguna

Ekspor

Impor

Tampilkan kotak kueri

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0004 detik.)

```
USE buku_tamu_db;
```

← Server: 127.0.0.1 » Database: buku_tamu_db

Struktur

SQL

Cari

Kueri

Ekspor

Impor

Operasi

Hak Akses

Routine

Event

Trigger

Desainer

Tampilkan kotak kueri

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0788 detik.)

```
CREATE TABLE tamu ( id INT AUTO_INCREMENT PRIMARY KEY, nama VARCHAR(100) NOT NULL, email VARCHAR(100) NOT NULL, komentar TEXT NOT NULL, tanggal TIMESTAMP DEFAULT CURRENT_TIMESTAMP );
```

[Edit dikotak] [Ubah] [Buat kode PHP]

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

Kueri SQL Anda berhasil dieksekusi.

```
SHOW TABLES;
```

☐ Profil [Edit dikotak] [Ubah] [Buat kode PHP] [Segarkan]

Extra options

Tables_in_buku_tamu_db

tamu

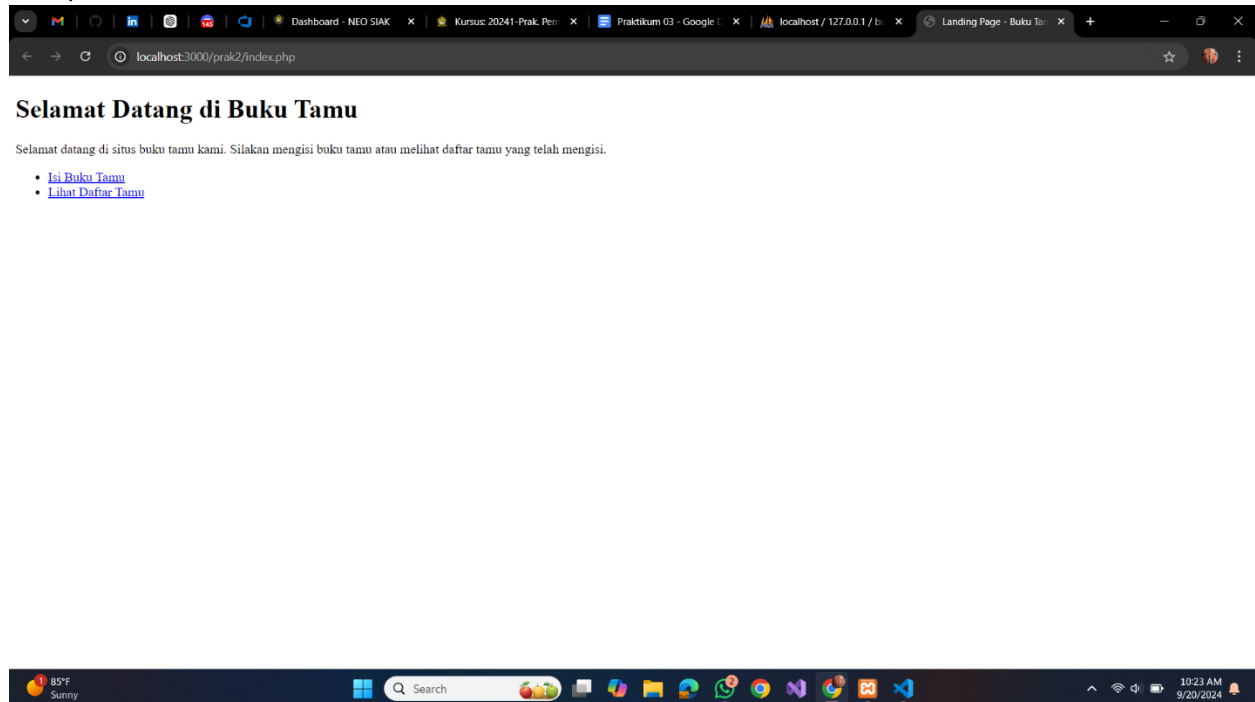
Operasi hasil kueri

Cetak

Salin ke clipboard

Buat tampilan

Tampilan Website:



87°F Sunny

Search

Dashboard - NEO SIAK x Kursus: 20241-Prak Pem x Praktikum 03 - Google x localhost / 127.0.0.1 | ph x Daftar Buku Tamu x

localhost:8080/table.php

Daftar Buku Tamu

Nama	Email	Komentar	Tanggal
Fathan	rachel.tambunan10@gmail.com	haiiii	2024-09-20 10:59:19
Fathan	rachel.tambunan10@gmail.com	capekddd	2024-09-20 10:57:20

[Kembali ke Landing Page](#)