

LAPORAN PRAKTIKUM 3
PEMROGRAMAN BERBASIS WEB - A



Mahasiswa:

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Dosen:

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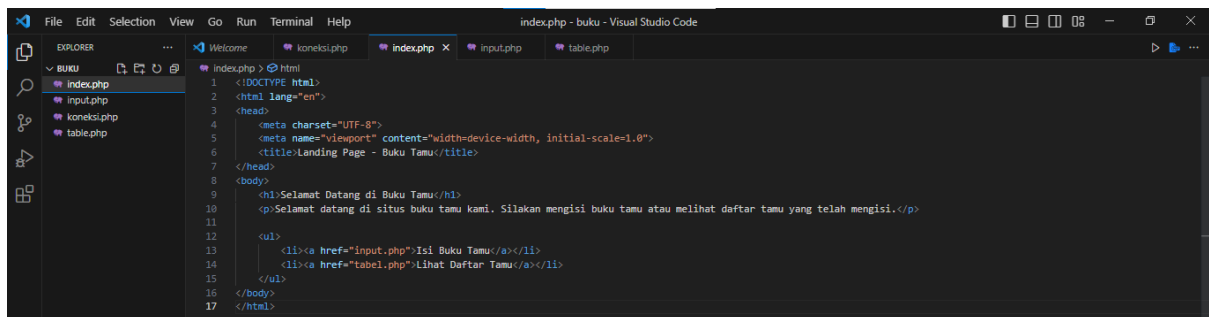
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Penjelasan Kode

1. Index.php
 - Halaman utama berisi tautan ke halaman input dan daftar tamu
2. Input.php
 - Menyediakan formulir untuk pengguna memasukkan nama, email, dan komentar
 - Saat data disubmit/dikirim, akan disimpan ke database buku_tamu_db
3. Table.php
 - Menampilkan daftar tamu yang telah mengisi buku tamu

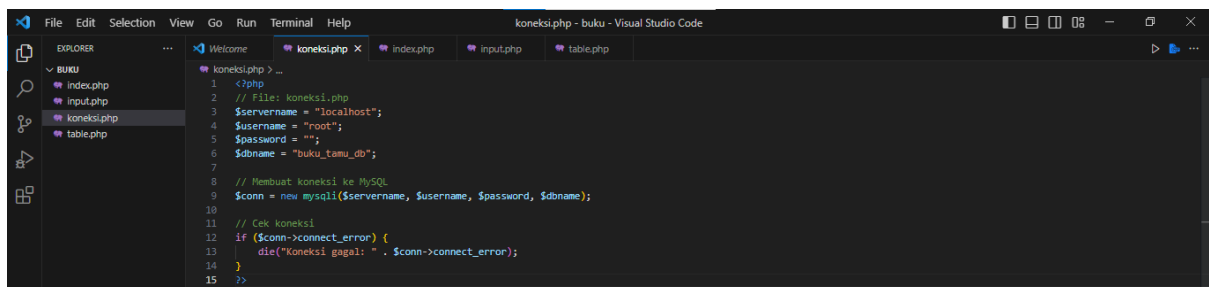
Hasil SS

index.php

A screenshot of the Visual Studio Code editor showing the index.php file. The Explorer sidebar on the left shows a folder named 'BUKU' containing index.php, input.php, koneksi.php, and table.php. The main editor area displays the HTML code for index.php, which includes a header with a title 'Landing Page - Buku Tamu' and a body with a welcome message and two links: 'Isi Buku Tamu' (linking to input.php) and 'Lihat Daftar Tamu' (linking to tabel.php).

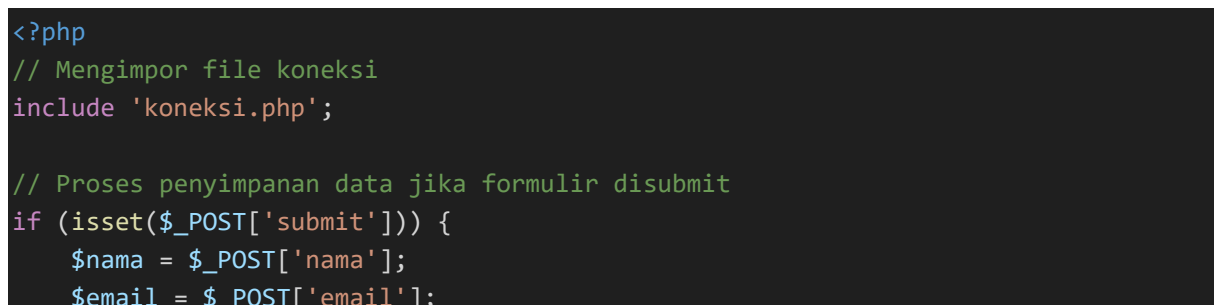
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Landing Page - Buku Tamu</title>
7 </head>
8 <body>
9   <h1>Selamat Datang di Buku Tamu</h1>
10  <p>Selamat datang di situs buku tamu kami. 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="tabel.php">Lihat Daftar Tamu</a></li>
15  </ul>
16 </body>
17 </html>
```

koneksi.php

A screenshot of the Visual Studio Code editor showing the koneksi.php file. The Explorer sidebar on the left shows the same 'BUKU' folder. The main editor area displays the PHP code for koneksi.php, which defines database connection variables (\$servername, \$username, \$password, \$dbname) and uses the mysqli_connect function to establish a connection to a MySQL database named 'buku_tamu_db'. It also includes an error handling block using die() if the connection fails.

```
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 ?>
```

input.php

A screenshot of the input.php code in a dark-themed editor. The code starts with a PHP opening tag, includes the koneksi.php file, and then checks if the 'submit' button was pressed in the form. If so, it retrieves the 'nama' and 'email' values from the \$_POST array.

```
<?php
// Mengimpor file koneksi
include 'koneksi.php';

// Proses penyimpanan data jika formulir disubmit
if (isset($_POST['submit'])) {
    $nama = $_POST['nama'];
    $email = $_POST['email'];
```

```

    $komentar = $_POST['komentar'];

    // SQL untuk insert data ke tabel tamu
    $sql = "INSERT INTO tamu (nama, email, komentar) VALUES ('$nama', '$email', '$komentar')";

    // Eksekusi query dan cek keberhasilannya
    if ($conn->query($sql) === TRUE) {
        echo "<p>Terima kasih, data Anda telah disimpan!</p>";
    } else {
        echo "<p>Error: " . $sql . "<br>" . $conn->error . "</p>";
    }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Input Buku Tamu</title>
</head>
<body>
    <h1>Isi Buku Tamu</h1>

    <!-- Formulir untuk input data tamu -->
    <form method="post" action="input.php">
        <label for="nama">Nama:</label><br>
        <input type="text" id="nama" name="nama" required><br><br>

        <label for="email">Email:</label><br>
        <input type="email" id="email" name="email" required><br><br>

        <label for="komentar">Komentar:</label><br>
        <textarea id="komentar" name="komentar" required></textarea><br><br>

        <input type="submit" name="submit" value="Kirim">
    </form>

    <p><a href="index.php">Kembali ke Landing Page</a></p>
</body>
</html>

```

Halaman Daftar Tamu

table.php

```
<?php
```

```
// Mengimpor file koneksi
```

```
include 'koneksi.php';
```

```

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Daftar Buku Tamu</title>
</head>
<body>
    <h1>Daftar Buku Tamu</h1>

    <table border="1">
        <tr>
            <th>Nama</th>
            <th>Email</th>
            <th>Komentar</th>
            <th>Tanggal</th>
        </tr>

        <?php
            // Ambil data dari tabel tamu
            $sql = "SELECT nama, email, komentar, tanggal FROM tamu ORDER BY tanggal
DESC";
            $result = $conn->query($sql);

            // Tampilkan data tamu dalam tabel
            if ($result->num_rows > 0) {
                while ($row = $result->fetch_assoc()) {
                    echo "<tr>";
                    echo "<td>" . htmlspecialchars($row["nama"]) . "</td>";
                    echo "<td>" . htmlspecialchars($row["email"]) . "</td>";
                    echo "<td>" . htmlspecialchars($row["komentar"]) . "</td>";
                    echo "<td>" . $row["tanggal"] . "</td>";
                    echo "</tr>";
                }
            } else {
                echo "<tr><td colspan='4'>Belum ada data tamu.</td></tr>";
            }

            // Menutup koneksi
            $conn->close();
        ?>
    </table>

    <p><a href="index.php">Kembali ke Landing Page</a></p>
</body>
</html>

```

table.php

```
<?php
// Mengimpor file koneksi
include 'koneksi.php';
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Daftar Buku Tamu</title>
</head>
<body>
    <h1>Daftar Buku Tamu</h1>

    <table border="1">
        <tr>
            <th>Nama</th>
            <th>Email</th>
            <th>Komentar</th>
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                echo "<td>" . $row["tanggal"] . "</td>";
                echo "</tr>";
            }
        } else {
            echo "<tr><td colspan='4'>Belum ada data tamu.</td></tr>";
        }

        // Menutup koneksi
        $conn->close();
```

```
?>
</table>

<p><a href="index.php">Kembali ke Landing Page</a></p>
</body>
</html>
```

