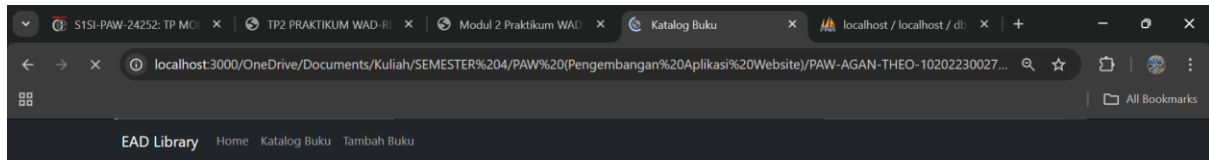


Nama : Joshua Theo Pasqualito

NIM : 102022300278

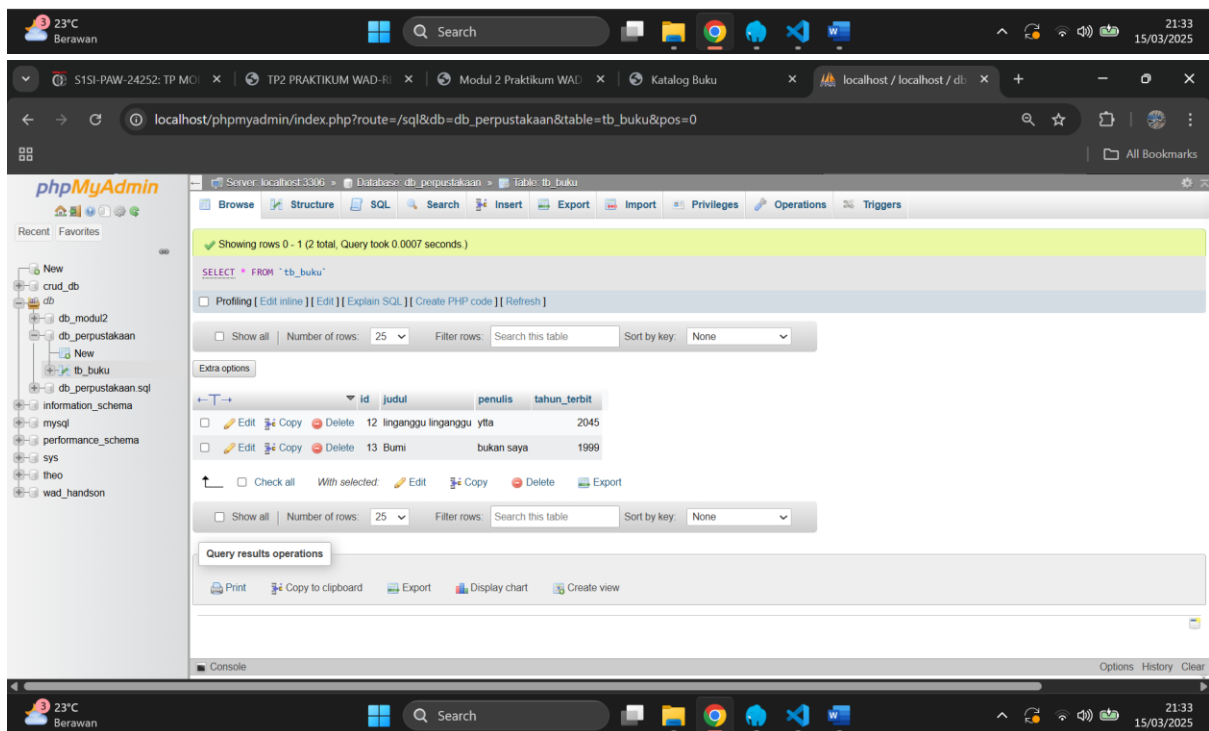
Kelas : SI4702

## DATABASE

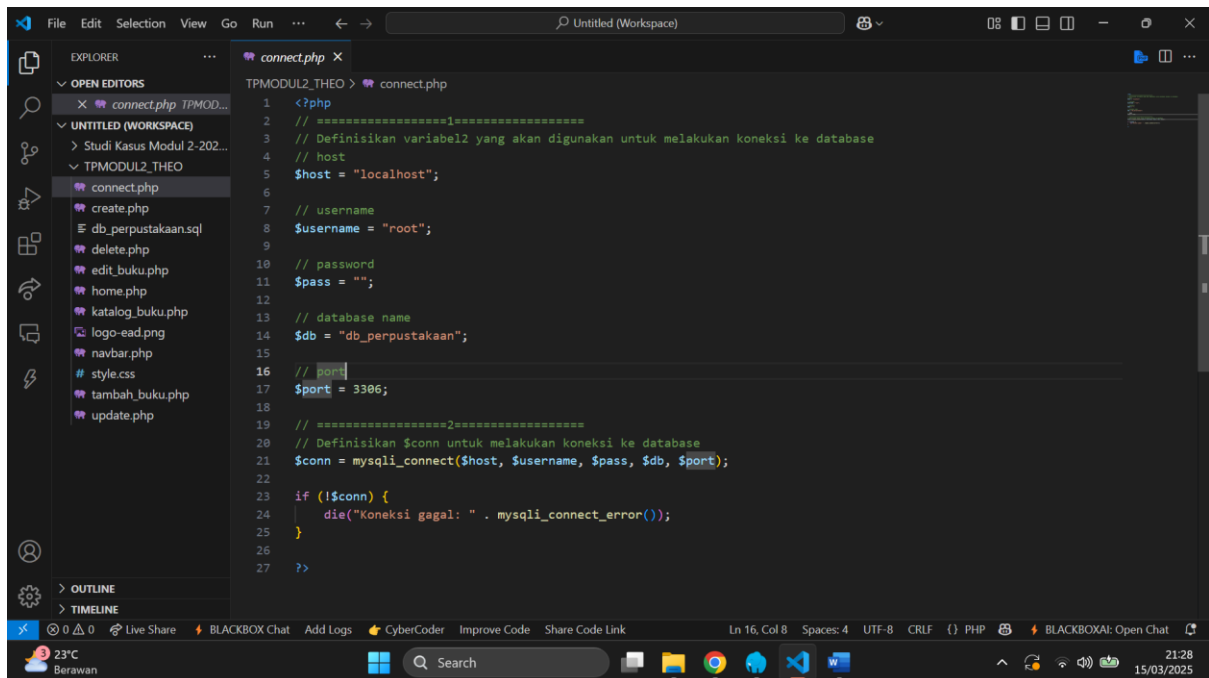


### Katalog Buku

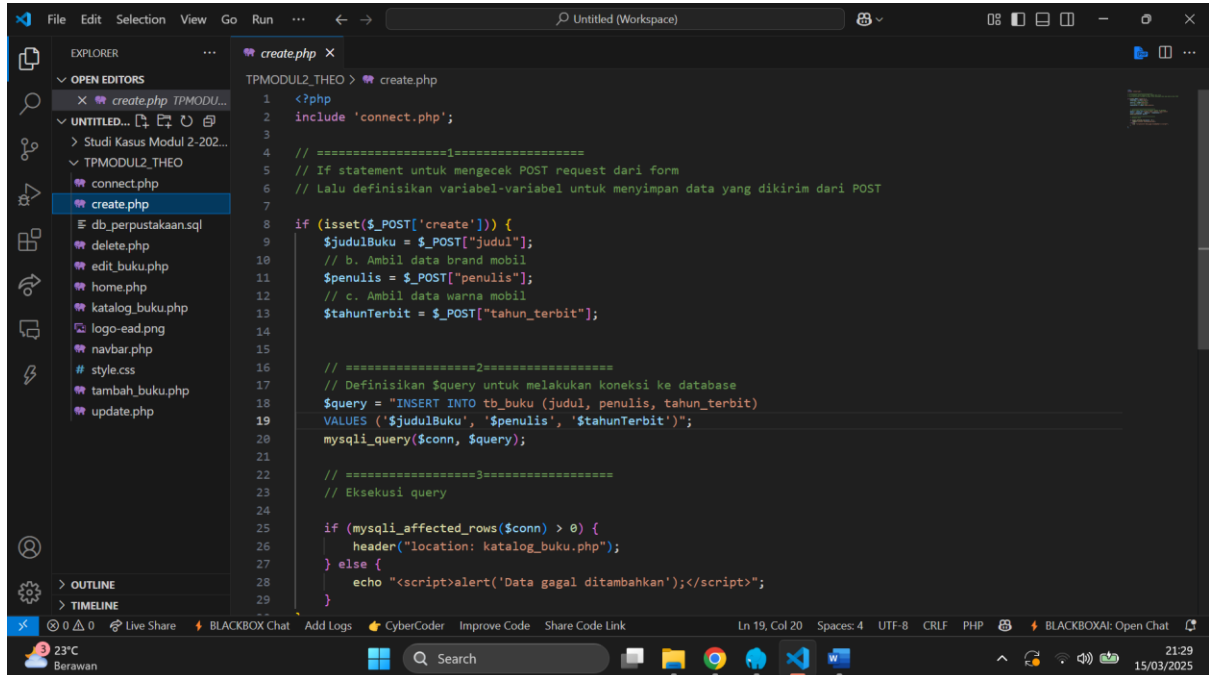
No	Judul	Penulis	Tahun	Aksi
12	linganggu linganggu	ytta	2045	<a href="#">Edit</a> <a href="#">Delete</a>
13	Bumi	bukan saya	1999	<a href="#">Edit</a> <a href="#">Delete</a>



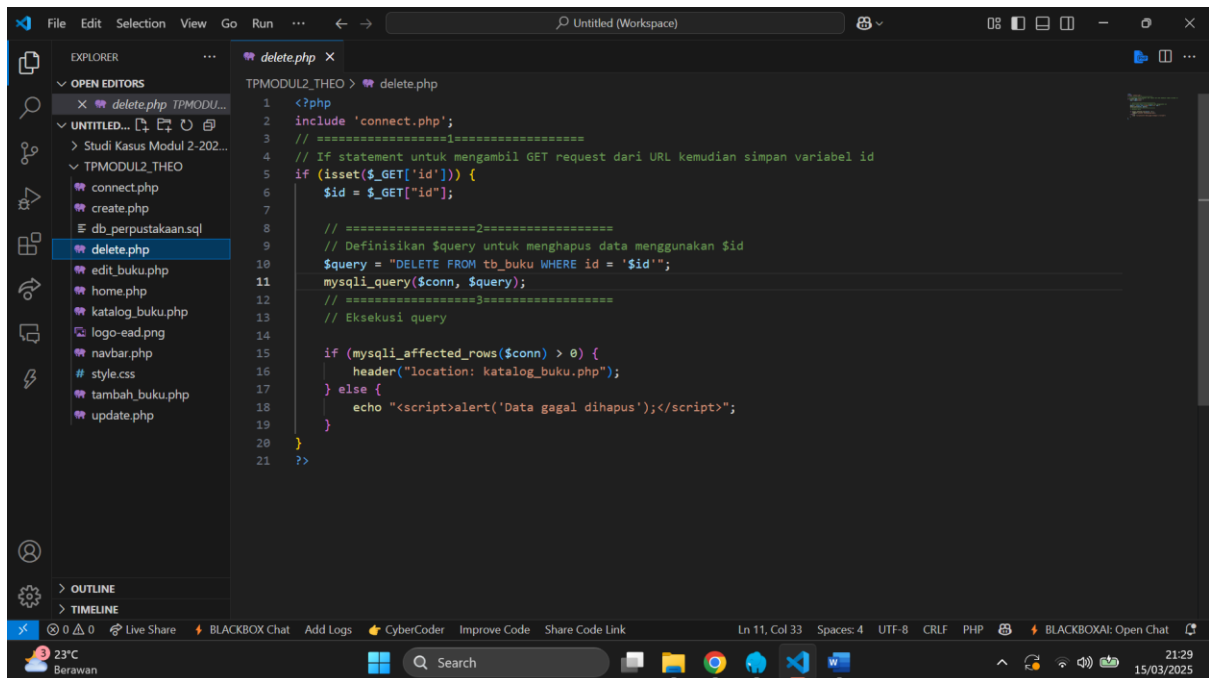
## CODE



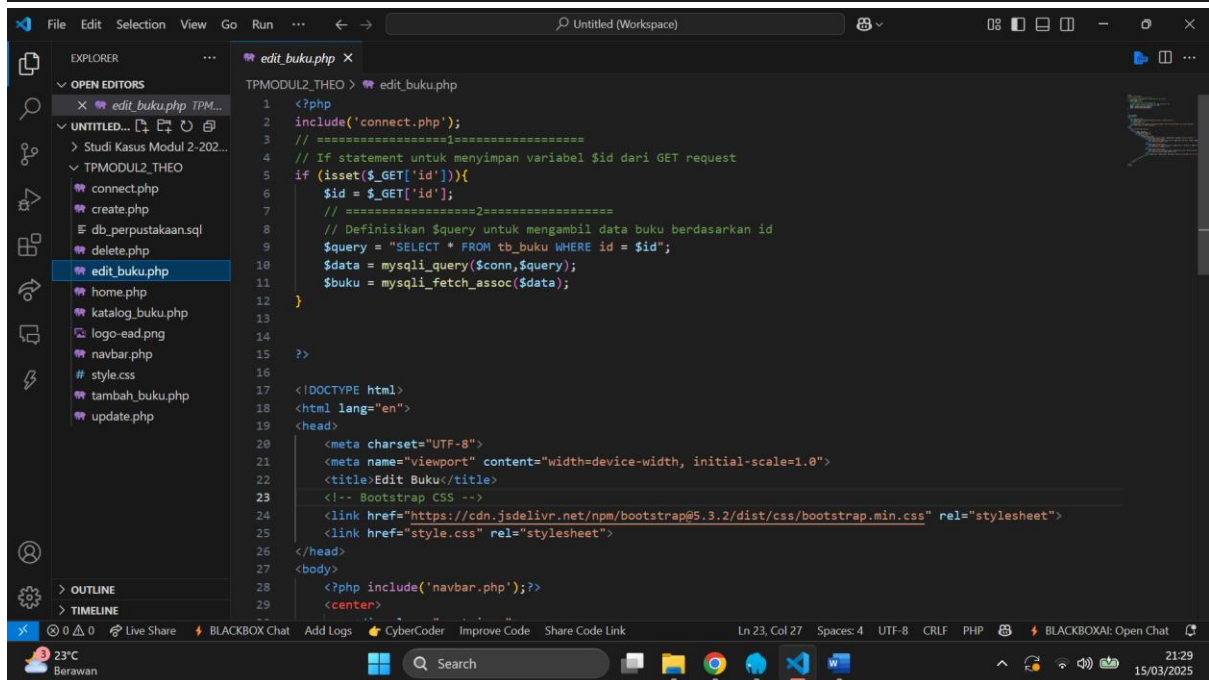
```
1 <?php
2 // =====1=====
3 // Definisikan variabel2 yang akan digunakan untuk melakukan koneksi ke database
4 // host
5 $host = "localhost";
6
7 // username
8 $username = "root";
9
10 // password
11 $pass = "";
12
13 // database name
14 $db = "db_perpustakaan";
15
16 // port
17 $port = 3306;
18
19 // =====2=====
20 // Definisikan $conn untuk melakukan koneksi ke database
21 $conn = mysqli_connect($host, $username, $pass, $db, $port);
22
23 if (!$conn) {
24     die("Koneksi gagal: " . mysqli_connect_error());
25 }
26
27 ?>
```



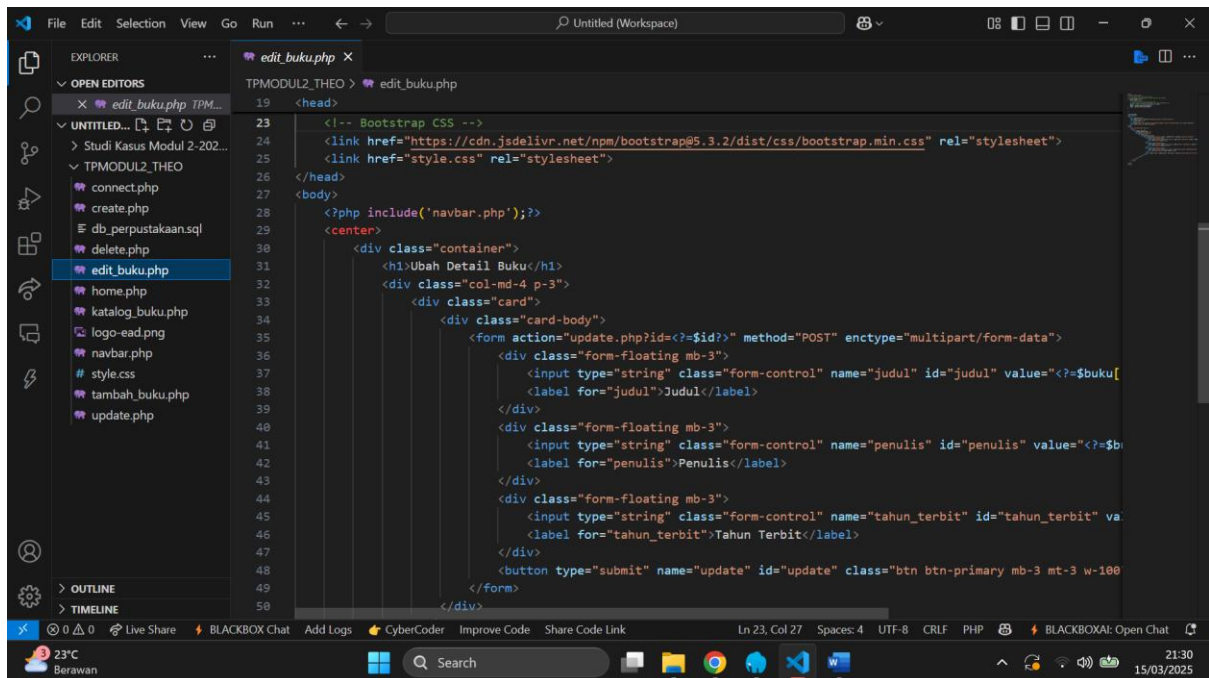
```
1 <?php
2 include 'connect.php';
3
4 // =====1=====
5 // If statement untuk mengecek POST request dari form
6 // Lalu definisikan variabel-variabel untuk menyimpan data yang dikirim dari POST
7
8 if (isset($_POST['create'])) {
9     $judulBuku = $_POST["judul"];
10    // b. Ambil data brand mobil
11    $penulis = $_POST["penulis"];
12    // c. Ambil data warna mobil
13    $tahunTerbit = $_POST["tahun_terbit"];
14
15
16    // =====2=====
17    // Definisikan $query untuk melakukan koneksi ke database
18    $query = "INSERT INTO tb_buku (judul, penulis, tahun_terbit)
19    VALUES ('$judulBuku', '$penulis', '$tahunTerbit')";
20    mysqli_query($conn, $query);
21
22    // =====3=====
23    // Eksekusi query
24
25    if (mysqli_affected_rows($conn) > 0) {
26        header("location: katalog_buku.php");
27    } else {
28        echo "<script>alert('Data gagal ditambahkan');</script>";
29    }
30 }
```



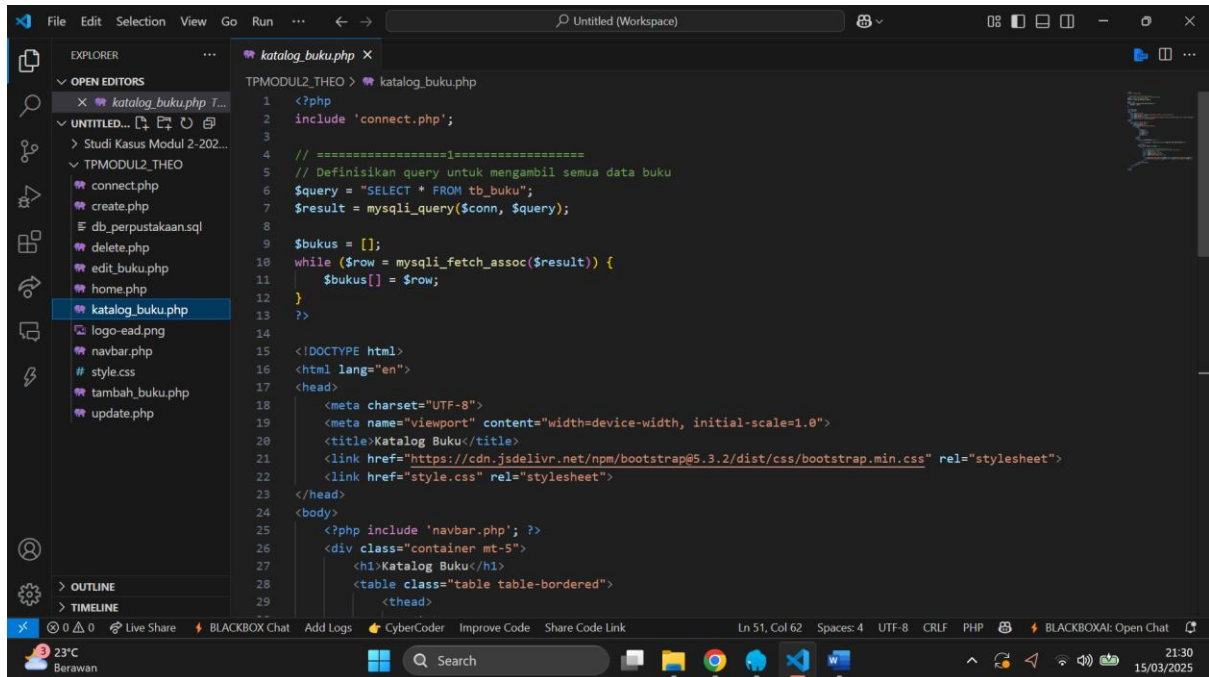
```
1 <?php
2 include 'connect.php';
3 // =====1=====
4 // If statement untuk mengambil GET request dari URL kemudian simpan variabel id
5 if (isset($_GET['id'])) {
6     $id = $_GET['id'];
7
8     // =====2=====
9     // Definisikan $query untuk menghapus data menggunakan $id
10    $query = "DELETE FROM tb_buku WHERE id = '$id'";
11    mysqli_query($conn, $query);
12    // =====3=====
13    // Eksekusi query
14
15    if (mysqli_affected_rows($conn) > 0) {
16        header("location: katalog_buku.php");
17    } else {
18        echo "<script>alert('Data gagal dihapus');</script>";
19    }
20 }
21 ?>
```



```
1 <?php
2 include('connect.php');
3 // =====1=====
4 // If statement untuk menyimpan variabel $id dari GET request
5 if (isset($_GET['id'])) {
6     $id = $_GET['id'];
7
8     // =====2=====
9     // Definisikan $query untuk mengambil data buku berdasarkan id
10    $query = "SELECT * FROM tb_buku WHERE id = '$id'";
11    $data = mysqli_query($conn, $query);
12    $buku = mysqli_fetch_assoc($data);
13
14 }
15
16
17 <!DOCTYPE html>
18 <html lang="en">
19 <head>
20     <meta charset="UTF-8">
21     <meta name="viewport" content="width=device-width, initial-scale=1.0">
22     <title>Edit Buku</title>
23     <!-- Bootstrap CSS -->
24     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
25     <link href="style.css" rel="stylesheet">
26 </head>
27 <body>
28     <?php include('navbar.php');?>
29     <center>
```



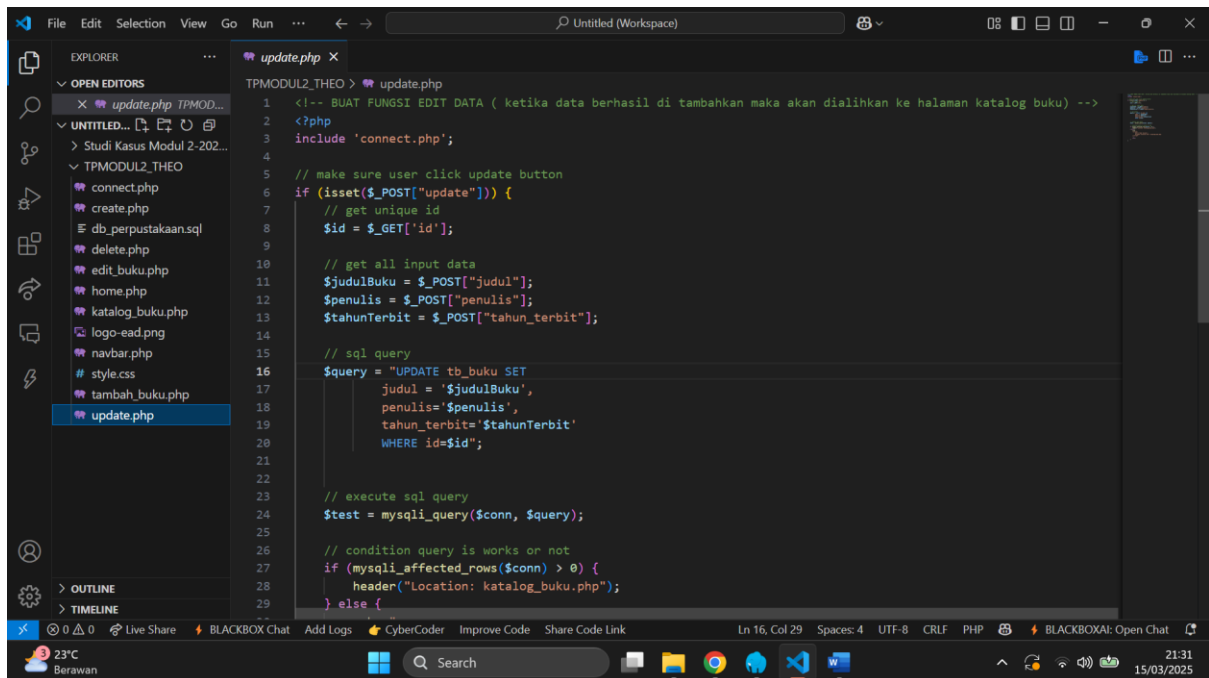
```
19 <head>
20 <!-- Bootstrap CSS -->
21 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
22 <link href="style.css" rel="stylesheet">
23 </head>
24 <body>
25 <?php include('navbar.php');?>
26 <div class="container">
27 <div class="col-md-4 p-3">
28 <div class="card">
29 <div class="card-body">
30 <form action="update.php?id=<?=$id?" method="POST" enctype="multipart/form-data">
31 <div class="form-floating mb-3">
32 <input type="string" class="form-control" name="judul" id="judul" value="<?=$buku[0]>" />
33 <label for="judul">Judul</label>
34 </div>
35 <div class="form-floating mb-3">
36 <input type="string" class="form-control" name="penulis" id="penulis" value="<?=$buku[1]>" />
37 <label for="penulis">Penulis</label>
38 </div>
39 <div class="form-floating mb-3">
40 <input type="string" class="form-control" name="tahun_terbit" id="tahun_terbit" value="<?=$buku[2]>" />
41 <label for="tahun_terbit">Tahun Terbit</label>
42 </div>
43 <button type="submit" name="update" id="update" class="btn btn-primary mb-3 mt-3 w-100">Update</button>
44 </div>
45 </div>
46 </div>
47 </div>
48 </div>
49 </div>
50 </body>
51 </html>
```



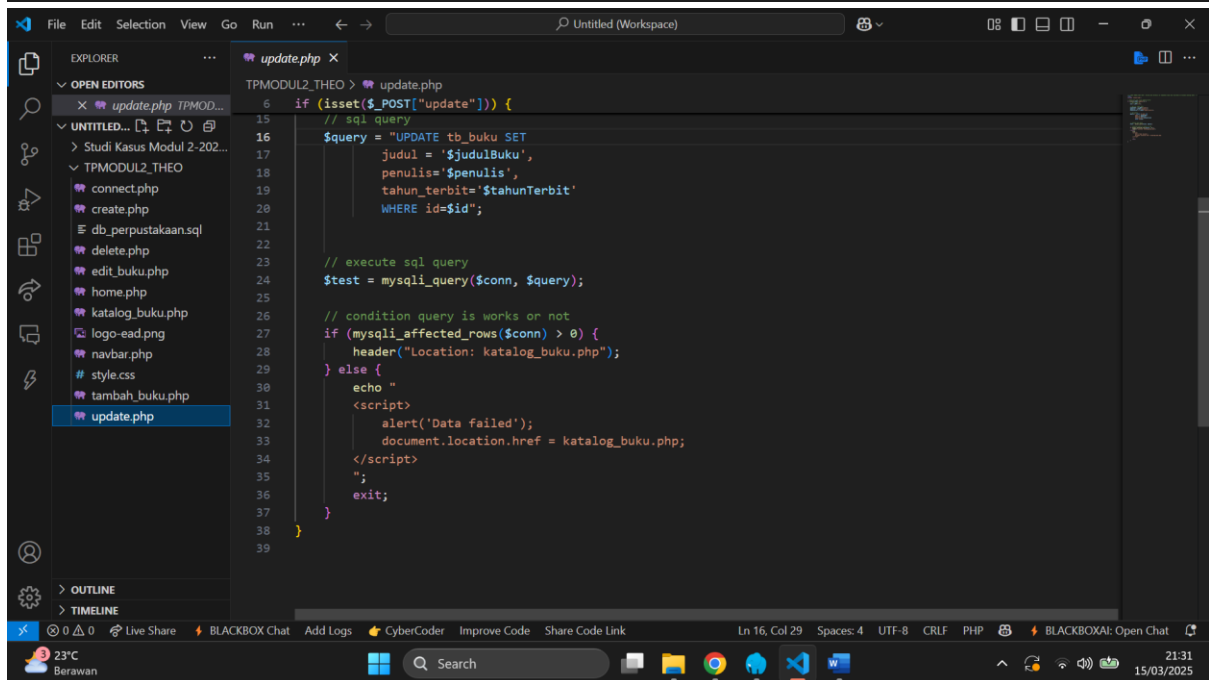
```
1 <?php
2 include 'connect.php';
3
4 // =====
5 // Definisikan query untuk mengambil semua data buku
6 $query = "SELECT * FROM tb_buku";
7 $result = mysqli_query($conn, $query);
8
9 $buku = [];
10 while ($row = mysqli_fetch_assoc($result)) {
11     $buku[] = $row;
12 }
13
14 <!DOCTYPE html>
15 <html lang="en">
16 <head>
17 <meta charset="UTF-8">
18 <meta name="viewport" content="width=device-width, initial-scale=1.0">
19 <title>Katalog Buku</title>
20 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
21 <link href="style.css" rel="stylesheet">
22 </head>
23 <body>
24 <?php include 'navbar.php';?>
25 <div class="container mt-5">
26 <h1>Katalog Buku</h1>
27 <table class="table table-bordered">
28 <thead>
29 <tr>
```

```
24 <body>
26 <div class="container mt-5">
28 <table class="table table-bordered">
30 <tbody>
32 <?php if (count($buku) == 0) : ?>
34 <tr>
36 <th colspan="7" class="text-center">TIDAK ADA DATA DALAM KATALOG</th>
38 </tr>
39 <?php endif;?>
40 <?php foreach ($buku as $buku) : ?>
42 <tr>
44 <td><?php echo $buku["id"] ?></td>
46 <td><?php echo $buku["judul"] ?></td>
48 <td><?php echo $buku["penulis"] ?></td>
50 <td><?php echo $buku["tahun_terbit"] ?></td>
52 <td>
54 <a href="edit_buku.php?id=<?php echo $buku["id"] ?>" class="btn btn-primary">Edit</a>
56 <a href="delete.php?id=<?php echo $buku["id"] ?>" class="btn btn-danger">Delete</a>
58 </td>
59 </tr>
60 <?php endforeach;?>
61 </tbody>
62 </table>
63 </div>
64 </body>
65 </html>
```

```
11 <body>
13 <div class="container">
15 <div class="col-md-4 p-3">
17 <div class="card">
19 <form action="create.php" method="POST" enctype="multipart/form-data">
21 <div class="form-floating mb-3">
23 <input type="text" class="form-control" name="judul" id="" required>
25 <label for="judulBuku">Masukkan Judul Buku</label>
26 </div>
27 <div class="form-floating mb-3">
29 <input type="text" class="form-control" name="penulis" id="" required>
31 <label for="penulis">Masukkan Penulis Buku</label>
32 </div>
33 <div class="form-floating mb-3">
35 <input type="text" class="form-control" name="tahun_terbit" id="" required>
37 <label for="tahunTerbit">Masukkan Tahun Terbit</label>
38 </div>
39 <button type="submit" name="create" id="create" class="btn btn-primary mb-3 w-100">
41 </button>
42 </div>
43 </div>
44 </div>
45 </div>
46 </div>
47 </div>
48 </div>
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90 </div>
91 </div>
92 </div>
93 </div>
94 </div>
95 </div>
96 </div>
97 </div>
98 </div>
99 </div>
100 </div>
```

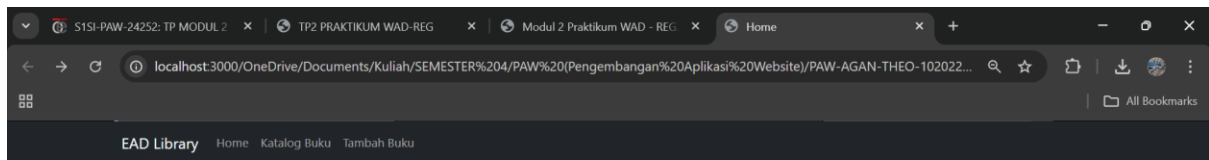


```
1 <!-- BUAT FUNGSI EDIT DATA ( ketika data berhasil di tambahkan maka akan dialihkan ke halaman katalog buku) -->
2 <?php
3 include 'connect.php';
4
5 // make sure user click update button
6 if (isset($_POST["update"])) {
7     // get unique id
8     $id = $_GET['id'];
9
10    // get all input data
11    $judulBuku = $_POST["judul"];
12    $penulis = $_POST["penulis"];
13    $tahunTerbit = $_POST["tahun_terbit"];
14
15    // sql query
16    $query = "UPDATE tb_buku SET
17        judul = '$judulBuku',
18        penulis = '$penulis',
19        tahun_terbit = '$tahunTerbit'
20        WHERE id=$id";
21
22
23    // execute sql query
24    $test = mysqli_query($conn, $query);
25
26    // condition query is works or not
27    if (mysqli_affected_rows($conn) > 0) {
28        header("Location: katalog_buku.php");
29    } else {
```



```
6 if (isset($_POST["update"])) {
15 // sql query
16 $query = "UPDATE tb_buku SET
17     judul = '$judulBuku',
18     penulis = '$penulis',
19     tahun_terbit = '$tahunTerbit'
20     WHERE id=$id";
21
22
23 // execute sql query
24 $test = mysqli_query($conn, $query);
25
26 // condition query is works or not
27 if (mysqli_affected_rows($conn) > 0) {
28     header("Location: katalog_buku.php");
29 } else {
30     echo "
31     <script>
32         alert('Data failed');
33         document.location.href = katalog_buku.php;
34     </script>
35     ";
36     exit;
37 }
38
39 }
```

HASIL

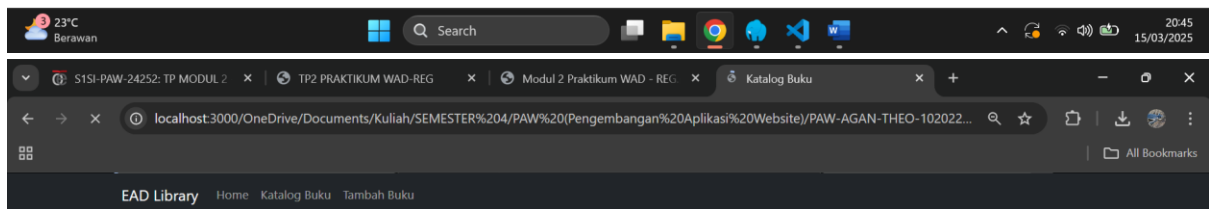


Selamat Datang di EAD Library



ENTERPRISE  
APPLICATION  
DEVELOPMENT

EAD Library adalah website manajemen perpustakaan yang menyediakan katalog buku dan informasi seputar buku.

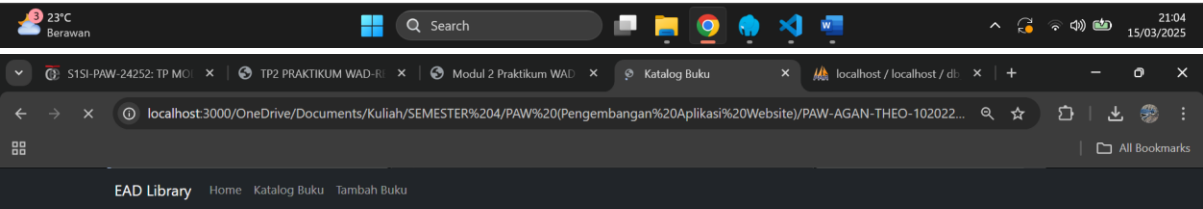
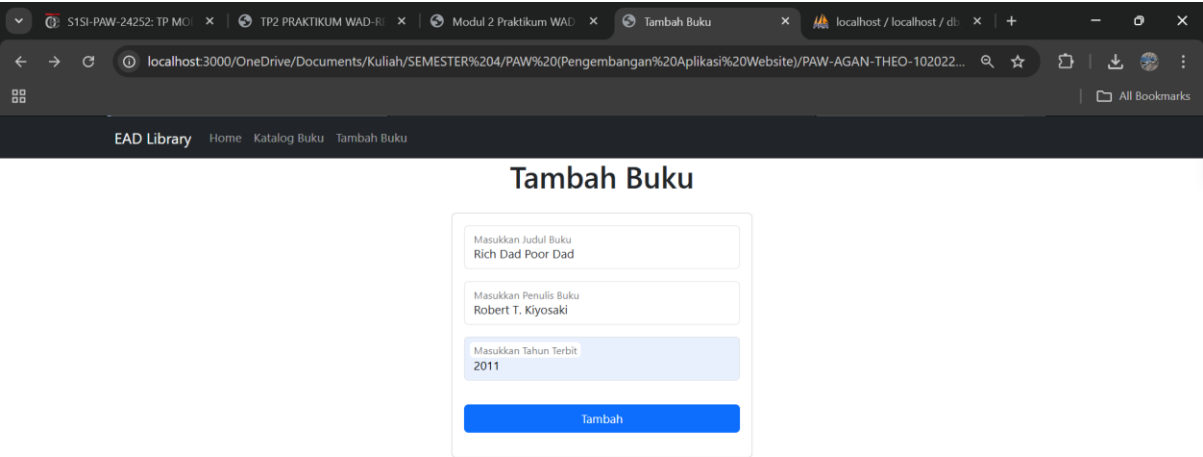


## Katalog Buku

No	Judul	Penulis	Tahun	Aksi
TIDAK ADA DATA DALAM KATALOG				

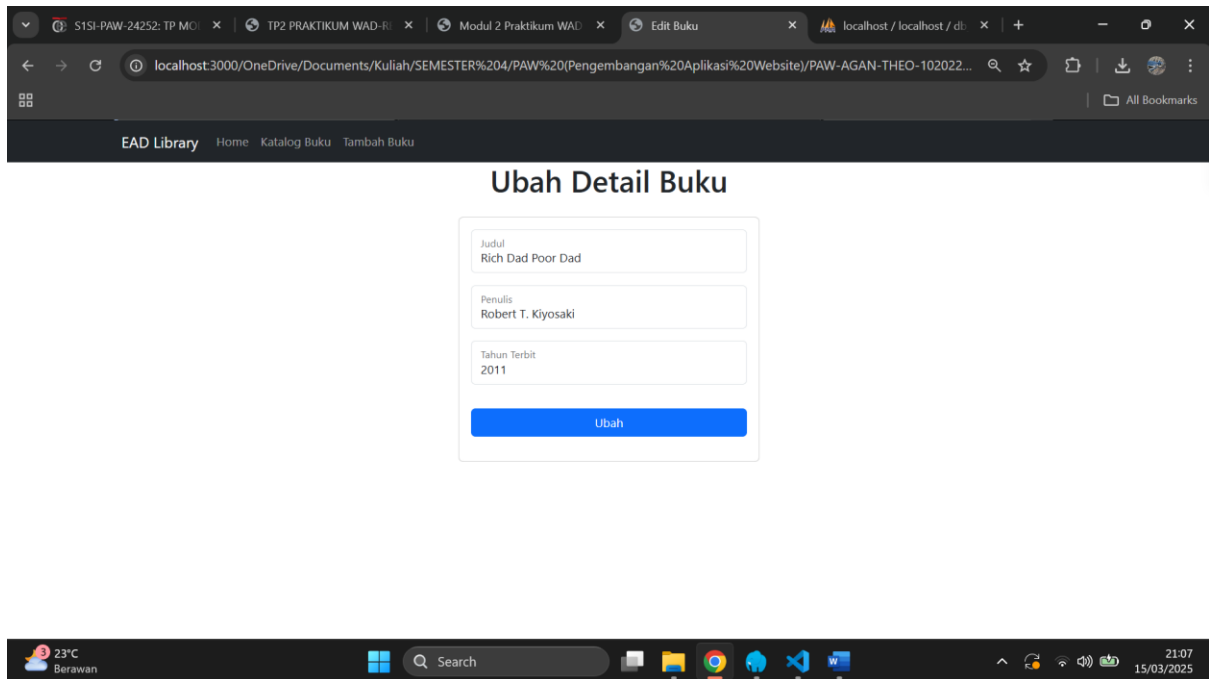


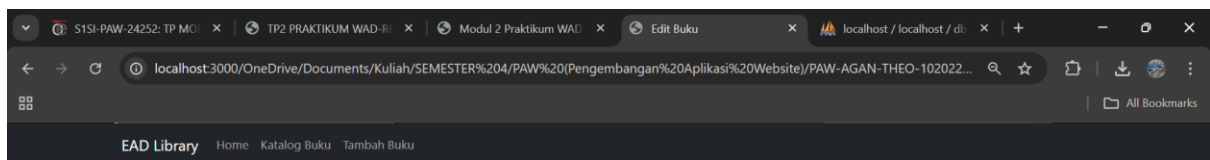
CREATE





## UPDATE





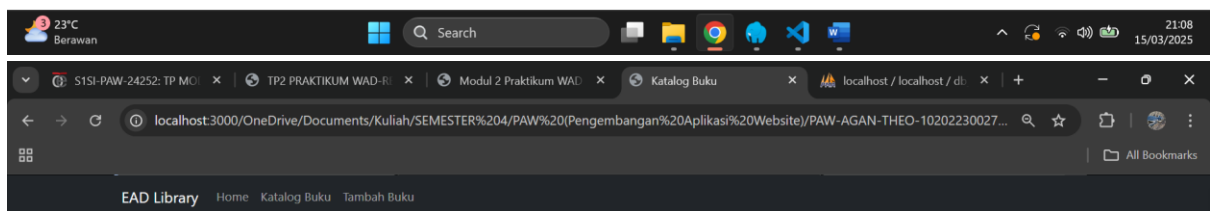
## Ubah Detail Buku

Judul  
Rich Dad Poor Dad

Penulis  
Joshua Theo P

Tahun Terbit  
2016

Ubah



## Katalog Buku

No	Judul	Penulis	Tahun	Aksi
10	Rich Dad Poor Dad	Joshua Theo P	2016	<a href="#">Edit</a> <a href="#">Delete</a>



## DELETE

Browser tabs: STSI-PAW-24252: TP MO, TP2 PRAKTIKUM WAD-B, Modul 2 Praktikum WAD, Katalog Buku, localhost / localhost / di...

Address bar: localhost:3000/OneDrive/Documents/Kuliah/SEMESTER%204/PAW%20(Pengembangan%20Aplikasi%20Website)/PAW-AGAN-THEO-10202230027...

Header: EAD Library | Home | Katalog Buku | Tambah Buku

### Katalog Buku

No	Judul	Penulis	Tahun	Aksi
TIDAK ADA DATA DALAM KATALOG				

Taskbar: 23°C Berawan, Search, 15/03/2025 21:27