

Laporan Tugas
Praktikum Pemrograman Berbasis Website



Oleh:

Nama: Antonius Valentino Dharma Kusuma

NPM: 4522210109

Dosen:

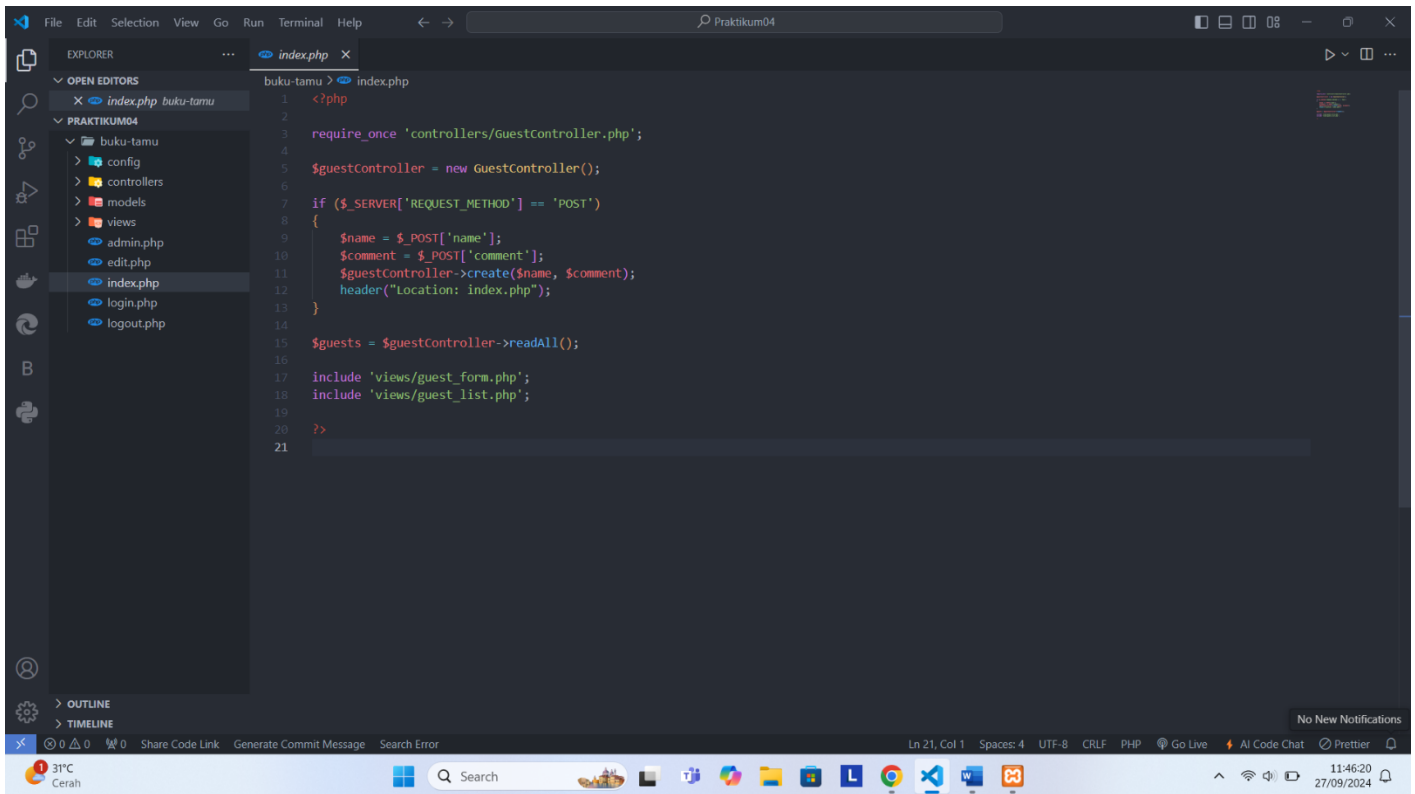
Adi Wahyu Pribadi, S.Si., M.Kom

S1-Teknik Informatika

Fakultas Teknik Universitas Pancasila

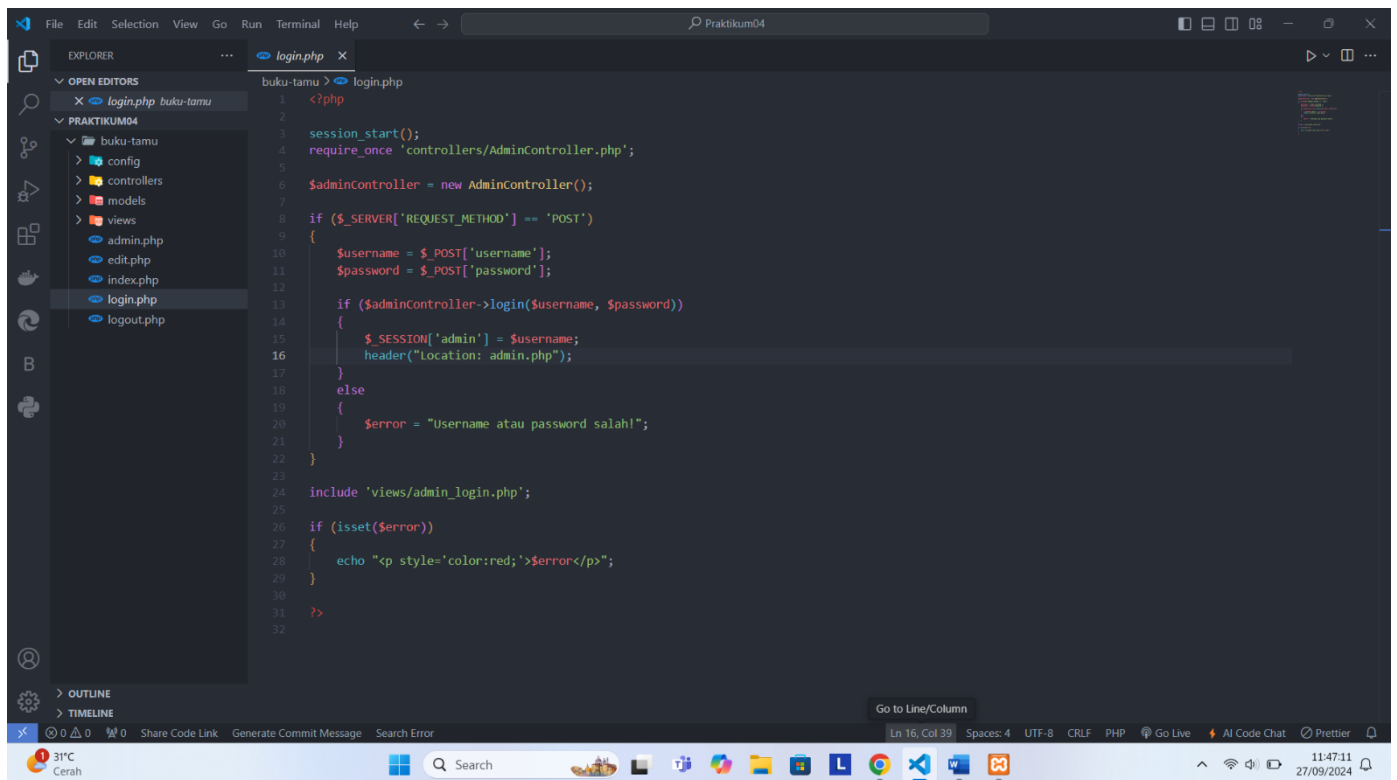
2024/2025

Source Code Index.php



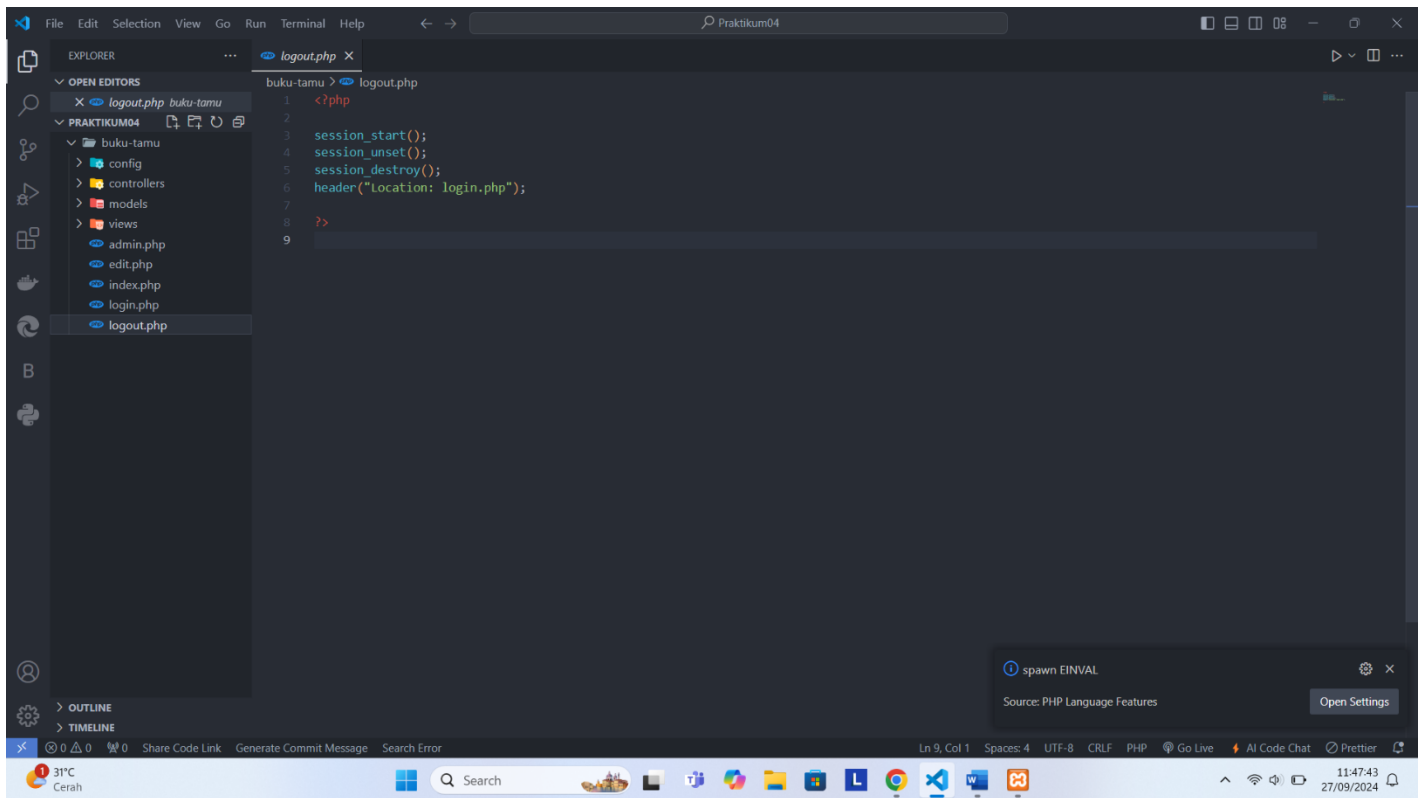
```
1 <?php
2
3 require_once 'controllers/GuestController.php';
4
5 $guestController = new GuestController();
6
7 if ($_SERVER['REQUEST_METHOD'] == 'POST')
8 {
9     $name = $_POST['name'];
10    $comment = $_POST['comment'];
11    $guestController->create($name, $comment);
12    header("Location: index.php");
13 }
14
15 $guests = $guestController->readAll();
16
17 include 'views/guest_form.php';
18 include 'views/guest_list.php';
19
20 ?>
21
```

Source Code login.php



```
1 <?php
2
3 session_start();
4 require_once 'controllers/AdminController.php';
5
6 $adminController = new AdminController();
7
8 if ($_SERVER['REQUEST_METHOD'] == 'POST')
9 {
10     $username = $_POST['username'];
11     $password = $_POST['password'];
12
13     if ($adminController->login($username, $password))
14     {
15         $_SESSION['admin'] = $username;
16         header("Location: admin.php");
17     }
18     else
19     {
20         $error = "Username atau password salah!";
21     }
22 }
23
24 include 'views/admin_login.php';
25
26 if (isset($error))
27 {
28     echo "<p style='color:red;'>$error</p>";
29 }
30
31 ?>
32
```

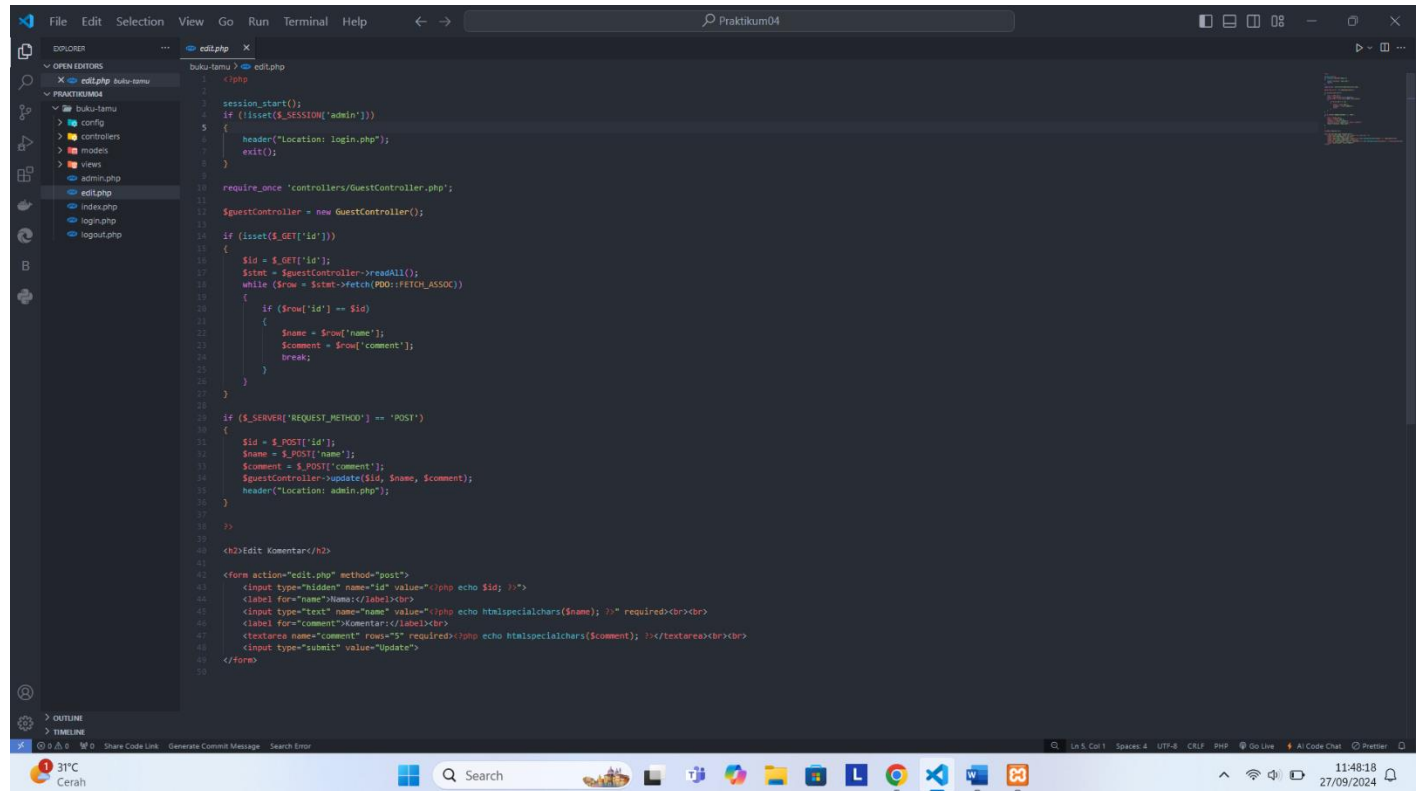
Source Code logout.php



```
1 <?php
2
3 session_start();
4 session_unset();
5 session_destroy();
6 header("Location: login.php");
7
8 ?>
```

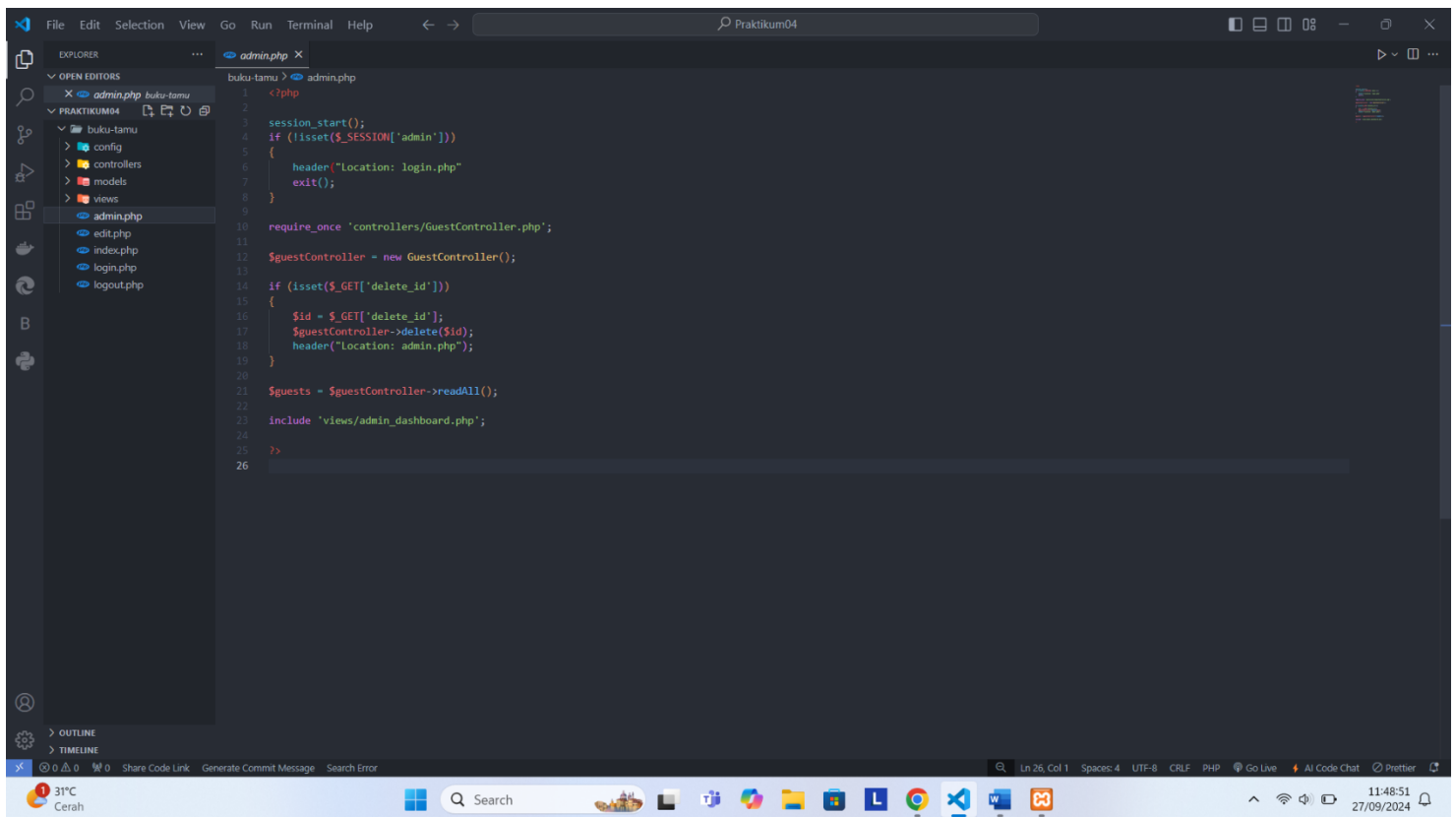
spawn EINVAL
Source: PHP Language Features
Open Settings

Source Code edit.php



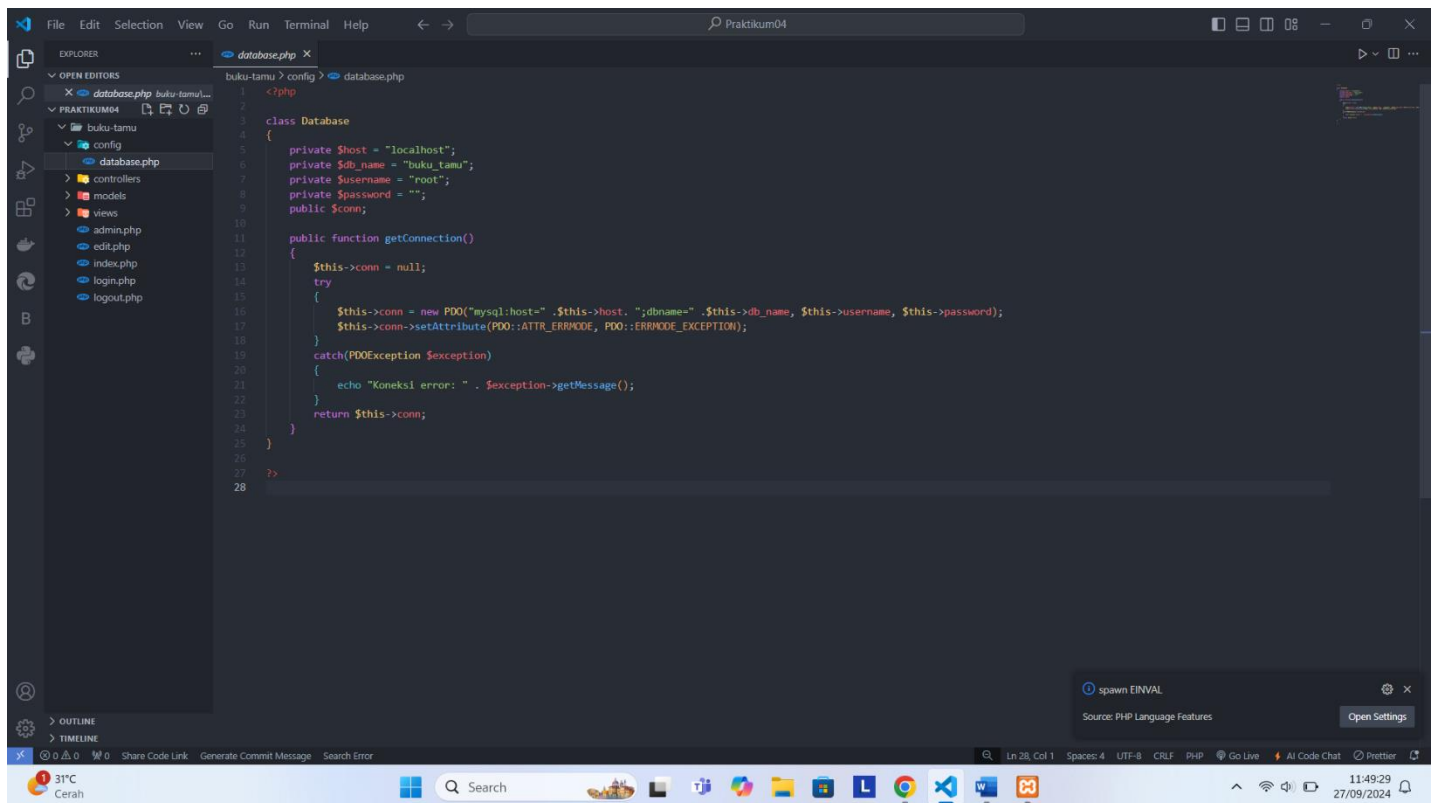
```
1 <?php
2
3 session_start();
4 if (!isset($_SESSION['admin']))
5 {
6     header("Location: login.php");
7     exit();
8 }
9
10 require_once 'controllers/GuestController.php';
11
12 $guestController = new GuestController();
13
14 if (isset($_GET['id']))
15 {
16     $id = $_GET['id'];
17     $stmt = $guestController->readAll();
18     while ($row = $stmt->fetch(PDO::FETCH_ASSOC))
19     {
20         if ($row['id'] == $id)
21         {
22             $name = $row['name'];
23             $comment = $row['comment'];
24             break;
25         }
26     }
27 }
28
29 if ($_SERVER['REQUEST_METHOD'] == 'POST')
30 {
31     $id = $_POST['id'];
32     $name = $_POST['name'];
33     $comment = $_POST['comment'];
34     $guestController->update($id, $name, $comment);
35     header("Location: admin.php");
36 }
37
38 ?>
39
40 <h2>Edit Komentar</h2>
41
42 <form action="edit.php" method="post">
43     <input type="hidden" name="id" value="{php echo $id; }"/>
44     <label for="name">Nama:</label><br>
45     <input type="text" name="name" value="{php echo htmlspecialchars($name); }" required/><br>
46     <label for="comment">Komentar:</label><br>
47     <textarea name="comment" rows="7" required/>{php echo htmlspecialchars($comment); }</textarea><br>
48     <input type="submit" value="Update">
49 </form>
```

Source Code admin.php



```
1 <?php
2
3 session_start();
4 if (!isset($_SESSION['admin']))
5 {
6     header("Location: login.php");
7     exit();
8 }
9
10 require_once 'controllers/GuestController.php';
11
12 $guestController = new GuestController();
13
14 if (isset($_GET['delete_id']))
15 {
16     $id = $_GET['delete_id'];
17     $guestController->delete($id);
18     header("Location: admin.php");
19 }
20
21 $guests = $guestController->readAll();
22
23 include 'views/admin_dashboard.php';
24
25 ?>
```

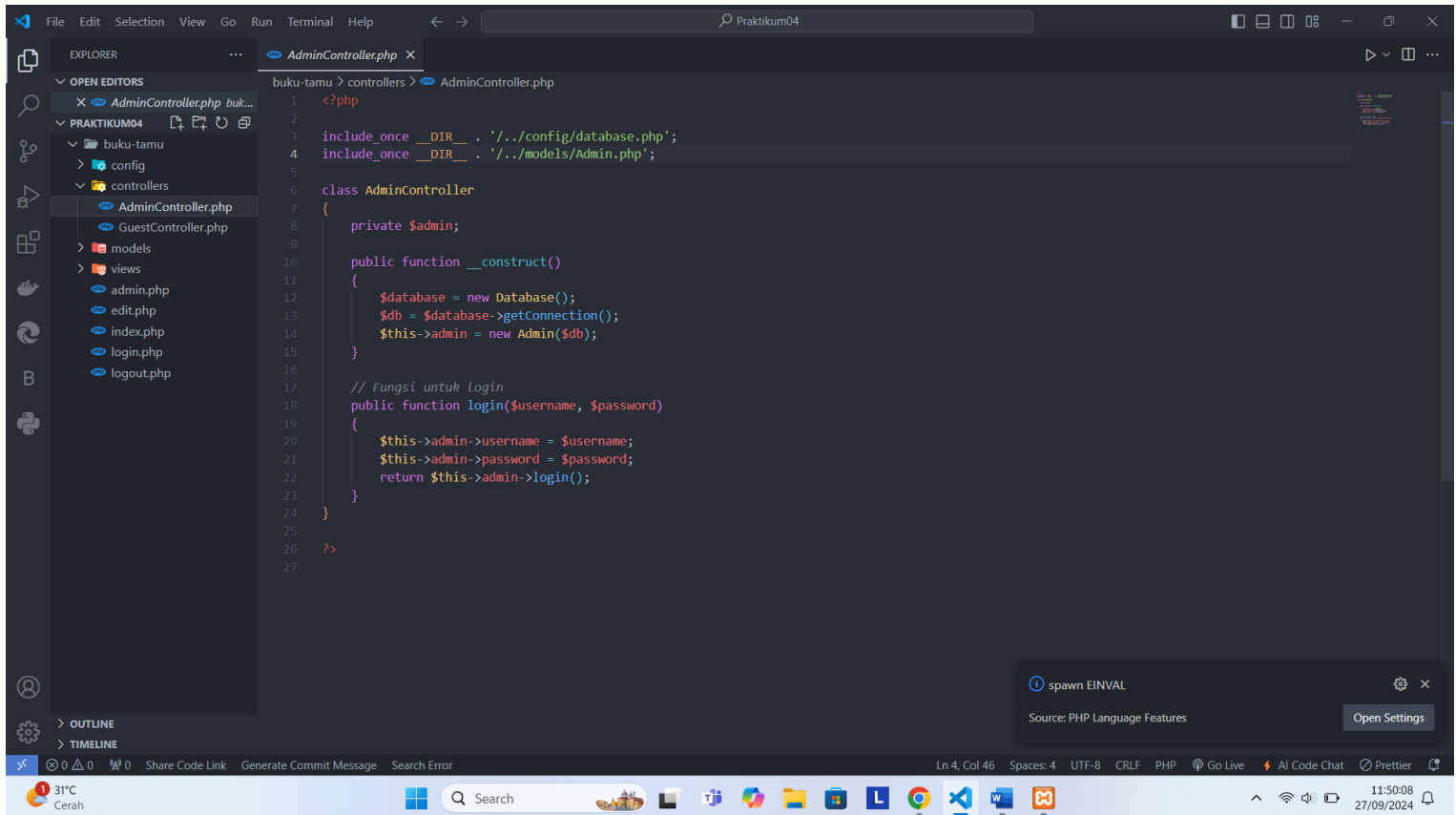
Source Code dari folder config, database.php



```
1 <?php
2
3 class Database
4 {
5     private $host = "localhost";
6     private $db_name = "buku_tamu";
7     private $username = "root";
8     private $password = "";
9     public $conn;
10
11     public function getConnection()
12     {
13         $this->conn = null;
14         try
15         {
16             $this->conn = new PDO("mysql:host=" . $this->host . ";dbname=" . $this->db_name, $this->username, $this->password);
17             $this->conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
18         }
19         catch(PDOException $exception)
20         {
21             echo "Koneksi error: " . $exception->getMessage();
22         }
23         return $this->conn;
24     }
25 }
26
27 ?>
```

spawn EINVAL
Source: PHP Language Features
Open Settings

Source Code dari folder controllers, AdminController.php

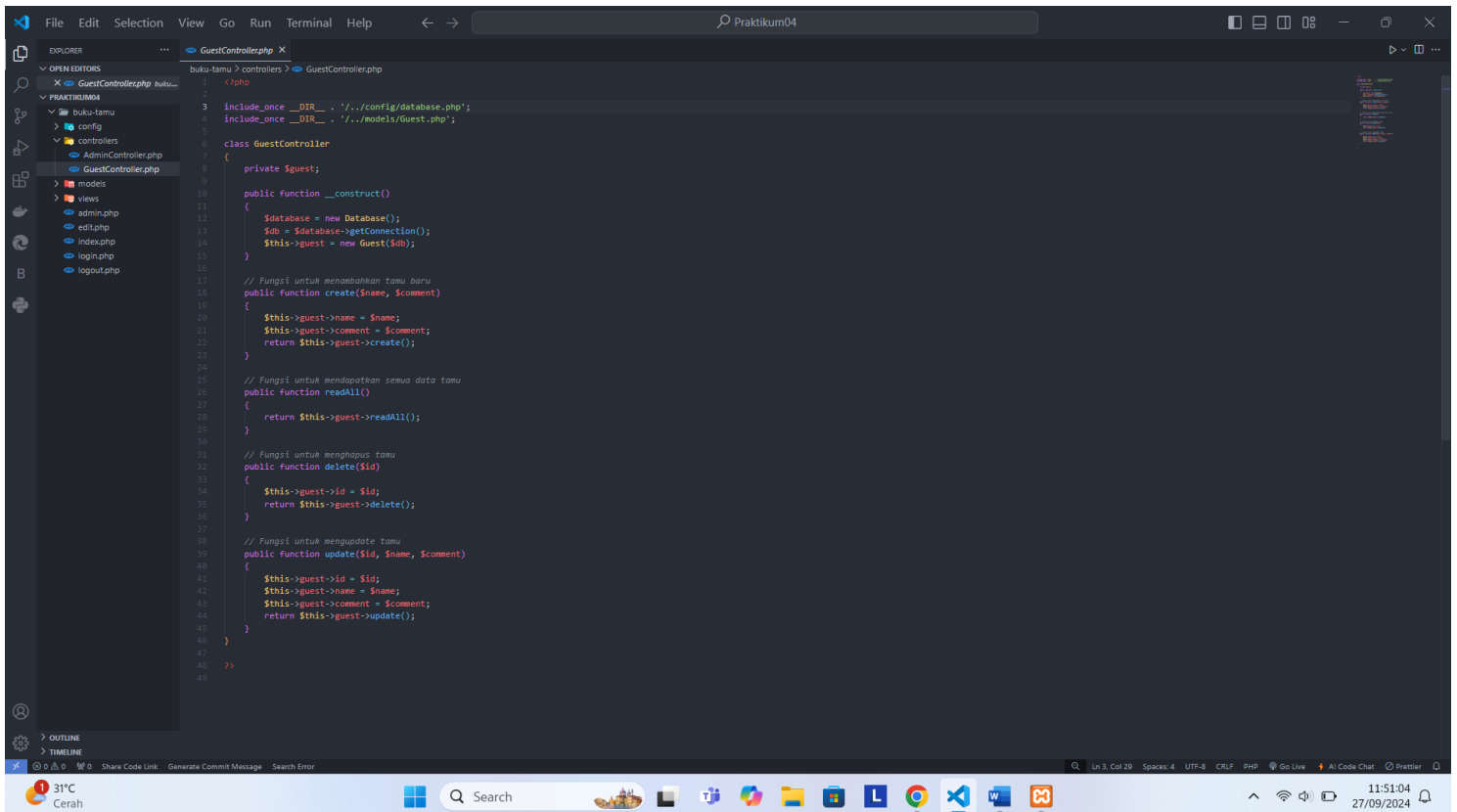


The screenshot shows the Visual Studio Code editor with the file `AdminController.php` open. The Explorer sidebar on the left shows the project structure: `buku-tamu` > `controllers` > `AdminController.php`. The code in the editor is as follows:

```
1 <?php
2
3 include_once __DIR__ . '/../config/database.php';
4 include_once __DIR__ . '/../models/Admin.php';
5
6 class AdminController
7 {
8     private $admin;
9
10    public function __construct()
11    {
12        $database = new Database();
13        $db = $database->getConnection();
14        $this->admin = new Admin($db);
15    }
16
17    // Fungsi untuk Login
18    public function login($username, $password)
19    {
20        $this->admin->username = $username;
21        $this->admin->password = $password;
22        return $this->admin->login();
23    }
24 }
25
26 ?>
```

A status bar at the bottom right indicates a "spawn EINVAL" error with the source "PHP Language Features". The taskbar at the bottom shows the system clock as 11:50:08 on 27/09/2024.

Source Code dari folder controllers, GuestController.php

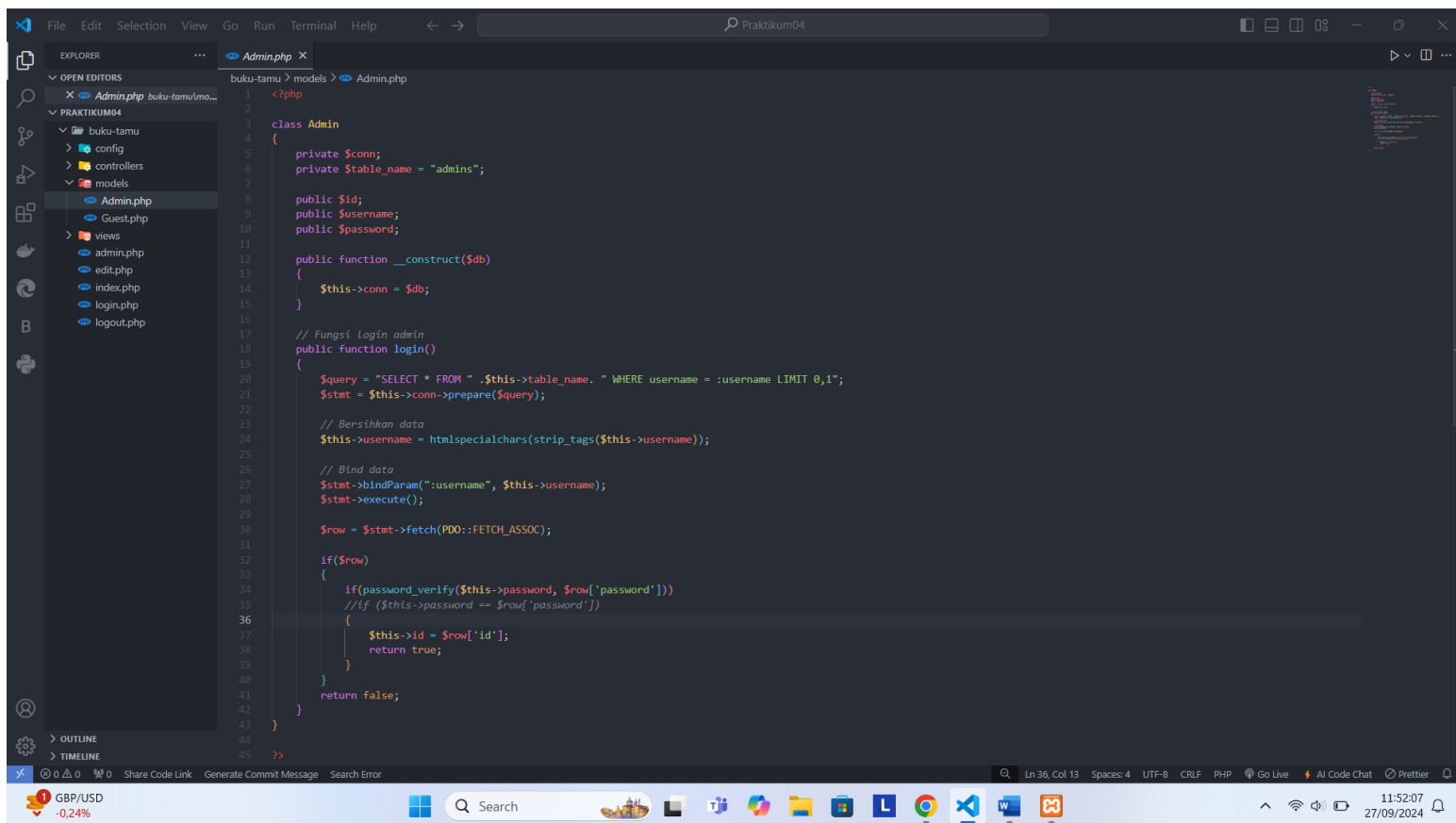


The screenshot shows the Visual Studio Code editor with the file `GuestController.php` open. The Explorer sidebar on the left shows the project structure: `buku-tamu` > `controllers` > `GuestController.php`. The code in the editor is as follows:

```
1 <?php
2
3 include_once __DIR__ . '/../config/database.php';
4 include_once __DIR__ . '/../models/Guest.php';
5
6 class GuestController
7 {
8     private $guest;
9
10    public function __construct()
11    {
12        $database = new Database();
13        $db = $database->getConnection();
14        $this->guest = new Guest($db);
15    }
16
17    // Fungsi untuk menambahkan tamu baru
18    public function create($name, $comment)
19    {
20        $this->guest->name = $name;
21        $this->guest->comment = $comment;
22        return $this->guest->create();
23    }
24
25    // Fungsi untuk mendapatkan semua data tamu
26    public function readAll()
27    {
28        return $this->guest->readAll();
29    }
30
31    // Fungsi untuk menghapus tamu
32    public function delete($id)
33    {
34        $this->guest->id = $id;
35        return $this->guest->delete();
36    }
37
38    // Fungsi untuk mengupdate tamu
39    public function update($id, $name, $comment)
40    {
41        $this->guest->id = $id;
42        $this->guest->name = $name;
43        $this->guest->comment = $comment;
44        return $this->guest->update();
45    }
46 }
47
48 ?>
```

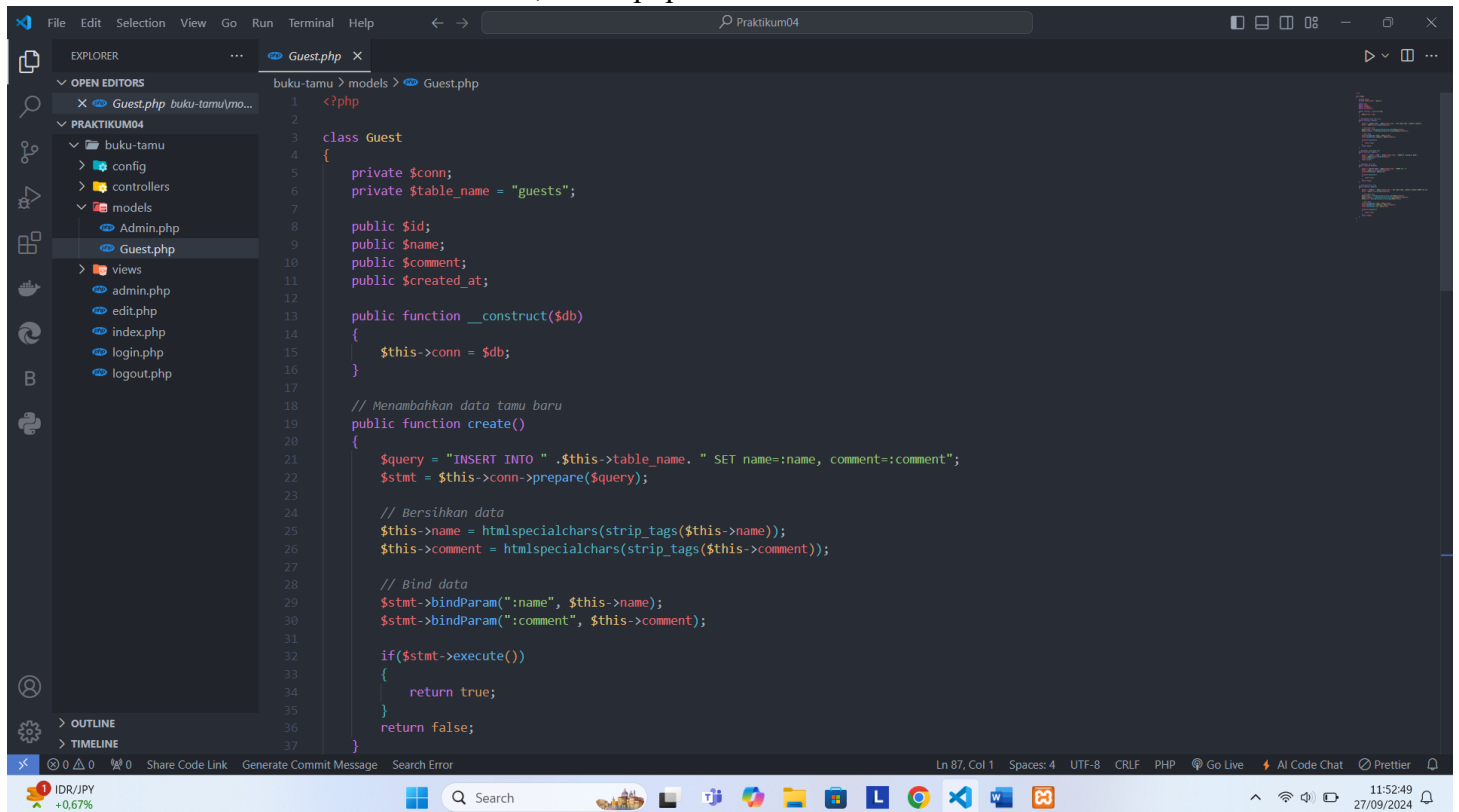
The taskbar at the bottom shows the system clock as 11:51:04 on 27/09/2024.

Source Code dari folder models, Admin.php



```
1 <?php
2
3 class Admin
4 {
5     private $conn;
6     private $table_name = "admins";
7
8     public $id;
9     public $username;
10    public $password;
11
12    public function __construct($db)
13    {
14        $this->conn = $db;
15    }
16
17    // Fungsi Login admin
18    public function login()
19    {
20        $query = "SELECT * FROM " . $this->table_name . " WHERE username = :username LIMIT 0,1";
21        $stmt = $this->conn->prepare($query);
22
23        // Bersihkan data
24        $this->username = htmlspecialchars(strip_tags($this->username));
25
26        // Bind data
27        $stmt->bindParam(":username", $this->username);
28        $stmt->execute();
29
30        $row = $stmt->fetch(PDO::FETCH_ASSOC);
31
32        if($row)
33        {
34            if(password_verify($this->password, $row["password"]))
35                //if ($this->password == $row["password"])
36            {
37                $this->id = $row['id'];
38                return true;
39            }
40        }
41        return false;
42    }
43 }
44
45 ?>
```

Source Code dari folder models, Guest.php



```
1 <?php
2
3 class Guest
4 {
5     private $conn;
6     private $table_name = "guests";
7
8     public $id;
9     public $name;
10    public $comment;
11    public $created_at;
12
13    public function __construct($db)
14    {
15        $this->conn = $db;
16    }
17
18    // Menambahkan data tamu baru
19    public function create()
20    {
21        $query = "INSERT INTO " . $this->table_name . " SET name=:name, comment=:comment";
22        $stmt = $this->conn->prepare($query);
23
24        // Bersihkan data
25        $this->name = htmlspecialchars(strip_tags($this->name));
26        $this->comment = htmlspecialchars(strip_tags($this->comment));
27
28        // Bind data
29        $stmt->bindParam(":name", $this->name);
30        $stmt->bindParam(":comment", $this->comment);
31
32        if($stmt->execute())
33        {
34            return true;
35        }
36        return false;
37    }
38 }
```

```
File Edit Selection View Go Run Terminal Help
Praktikum04

EXPLORER
buku-tamu > models > Guest.php
GUEST.php
PRAKTIKUM04
buku-tamu
config
controllers
models
Admin.php
Guest.php
views
admin.php
edit.php
index.php
login.php
logout.php

// Mengambil semua data tamu
public function readAll()
{
    $query = "SELECT * FROM " . $this->table_name . " ORDER BY created_at DESC";
    $stmt = $this->conn->prepare($query);
    $stmt->execute();
    return $stmt;
}

// Menghapus data tamu
public function delete()
{
    $query = "DELETE FROM " . $this->table_name . " WHERE id = ?";
    $stmt = $this->conn->prepare($query);
    $stmt->bindParam(1, $this->id);

    if($stmt->execute())
    {
        return true;
    }
    return false;
}

// Mengupdate data tamu
public function update()
{
    $query = "UPDATE " . $this->table_name . " SET name=name, comment=comment WHERE id=id";
    $stmt = $this->conn->prepare($query);

    // Bersihkan data
    $this->name = htmlspecialchars(strip_tags($this->name));
    $this->comment = htmlspecialchars(strip_tags($this->comment));
    $this->id = htmlspecialchars(strip_tags($this->id));

    // Bind data
    $stmt->bindParam("name", $this->name);
    $stmt->bindParam("comment", $this->comment);
    $stmt->bindParam("id", $this->id);

    if($stmt->execute())
    {
        return true;
    }
    return false;
}
}
```

Source Code dari folder views, admin_dashboard.php

```
File Edit Selection View Go Run Terminal Help
Praktikum04

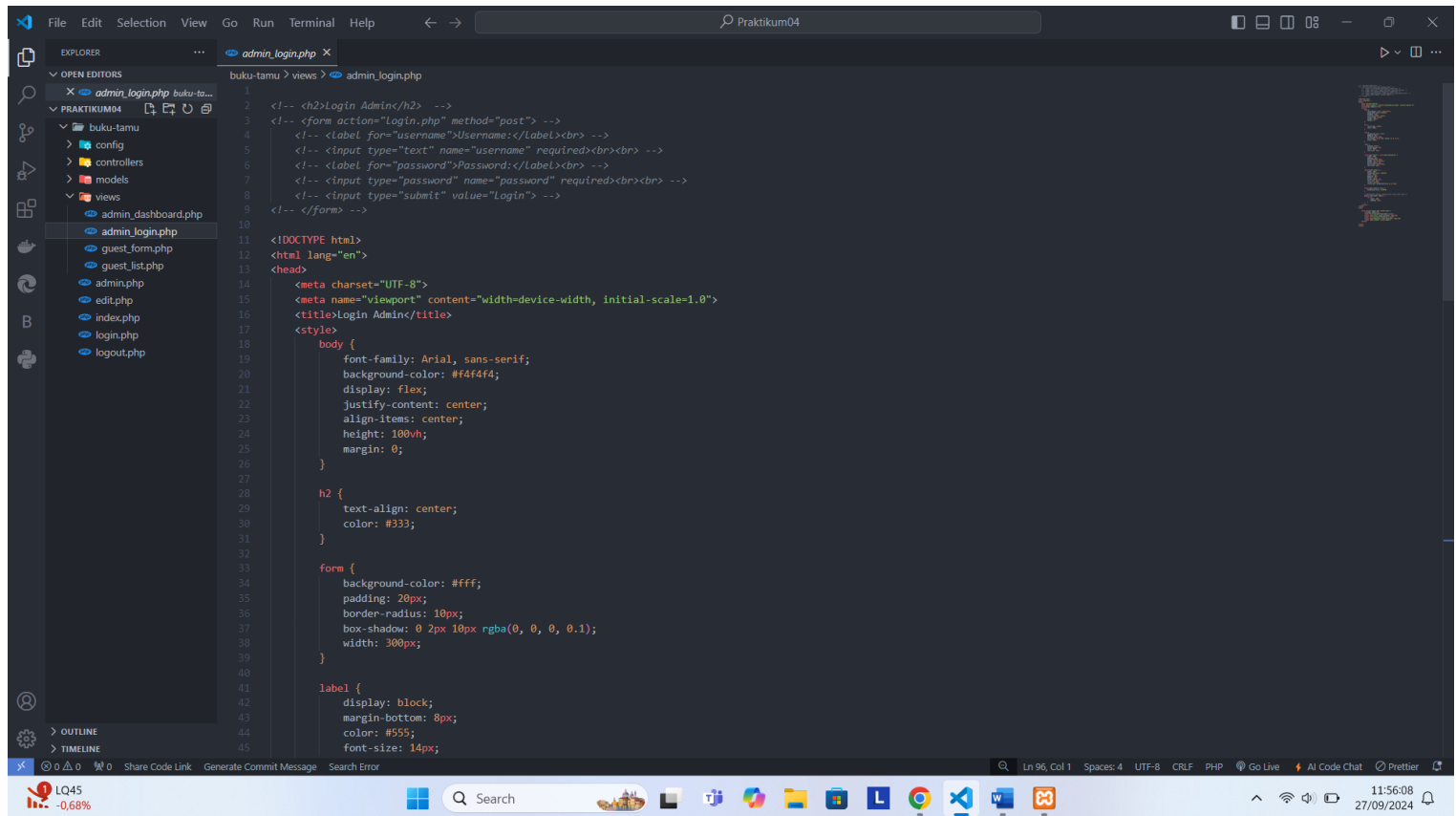
EXPLORER
buku-tamu > views > admin_dashboard.php
admin_dashboard.php
PRAKTIKUM04
buku-tamu
config
controllers
models
views
admin_dashboard.php
admin_login.php
guest_form.php
guest_list.php
admin.php
edit.php
index.php
login.php
logout.php

<h2>Dashboard Admin</h2>
<p>Selamat datang, Admin!</p>
<a href="logout.php">Logout</a>

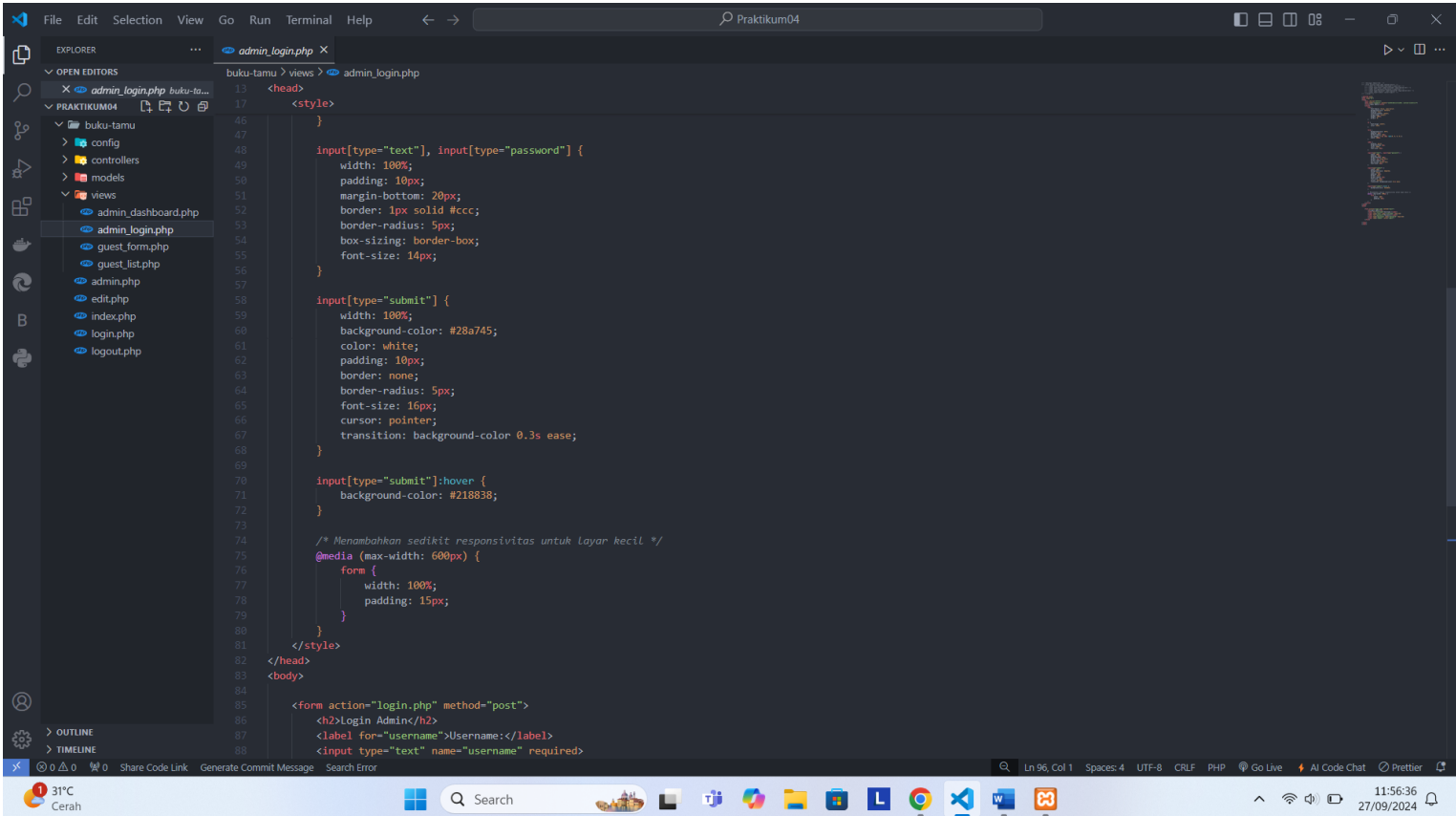
<table border="1" cellpadding="5" cellspacing="0">
<tr>
<th>Nama</th>
<th>Komentar</th>
<th>Waktu</th>
<th>Aksi</th>
</tr>

<?php while ($row = $guests->fetch(PDO::FETCH_ASSOC)) { ?>
<tr>
<td><?php echo htmlspecialchars($row['name']); ?></td>
<td><?php echo htmlspecialchars($row['comment']); ?></td>
<td><?php echo $row['created_at']; ?></td>
<td>
<a href="edit.php?id=<?php echo $row['id']; ?>">Edit</a> |
<a href="admin.php?delete_id=<?php echo $row['id']; ?>" onclick="return confirm('Yakin ingin menghapus?')">Hapus</a>
</td>
</tr>
<?php } ?>
</table>
```

Source Code dari folder views, admin_login.php



```
1 <!-- <h2>Login Admin</h2> -->
2
3 <!-- <form action="Login.php" method="post"> -->
4
5 <!-- <label for="username">Username:</label><br> -->
6
7 <!-- <label for="password">Password:</label><br> -->
8
9 <!-- <input type="password" name="password" required><br><br> -->
10
11 <!-- <input type="submit" value="Login"> -->
12
13 </form> -->
14
15 <doctype html>
16 <html lang="en">
17 <head>
18 <meta charset="UTF-8">
19 <meta name="viewport" content="width=device-width, initial-scale=1.0">
20 <title>Login Admin</title>
21 <style>
22
23 body {
24     font-family: Arial, sans-serif;
25     background-color: #f4f4f4;
26     display: flex;
27     justify-content: center;
28     align-items: center;
29     height: 100vh;
30     margin: 0;
31 }
32
33 h2 {
34     text-align: center;
35     color: #333;
36 }
37
38 form {
39     background-color: #fff;
40     padding: 20px;
41     border-radius: 10px;
42     box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
43     width: 300px;
44 }
45
46 label {
47     display: block;
48     margin-bottom: 8px;
49     color: #555;
50     font-size: 14px;
51 }
```



```
13 <head>
14
15 <style>
16
17 }
18
19 input[type="text"], input[type="password"] {
20     width: 100%;
21     padding: 10px;
22     margin-bottom: 20px;
23     border: 1px solid #ccc;
24     border-radius: 5px;
25     box-sizing: border-box;
26     font-size: 14px;
27 }
28
29 input[type="submit"] {
30     width: 100%;
31     background-color: #28a745;
32     color: white;
33     padding: 10px;
34     border: none;
35     border-radius: 5px;
36     font-size: 16px;
37     cursor: pointer;
38     transition: background-color 0.3s ease;
39 }
40
41 input[type="submit"]:hover {
42     background-color: #218838;
43 }
44
45 /* Menambahkan sedikit responsivitas untuk layar kecil */
46 @media (max-width: 600px) {
47     form {
48         width: 100%;
49         padding: 15px;
50     }
51 }
52
53 </style>
54 </head>
55 <body>
56
57 <form action="login.php" method="post">
58 <h2>Login Admin</h2>
59 <label for="username">Username:</label>
60 <input type="text" name="username" required>
61 }
```



```
File Edit Selection View Go Run Terminal Help
Praktikum04

EXPLORER
OPEN EDITORS
admin_login.php buku-ta...
PRAKTIKUM04
buku-tamu
  config
  controllers
  models
  views
    admin_dashboard.php
    admin_login.php
    guest_form.php
    guest_list.php
    admin.php
    edit.php
    index.php
    login.php
    logout.php

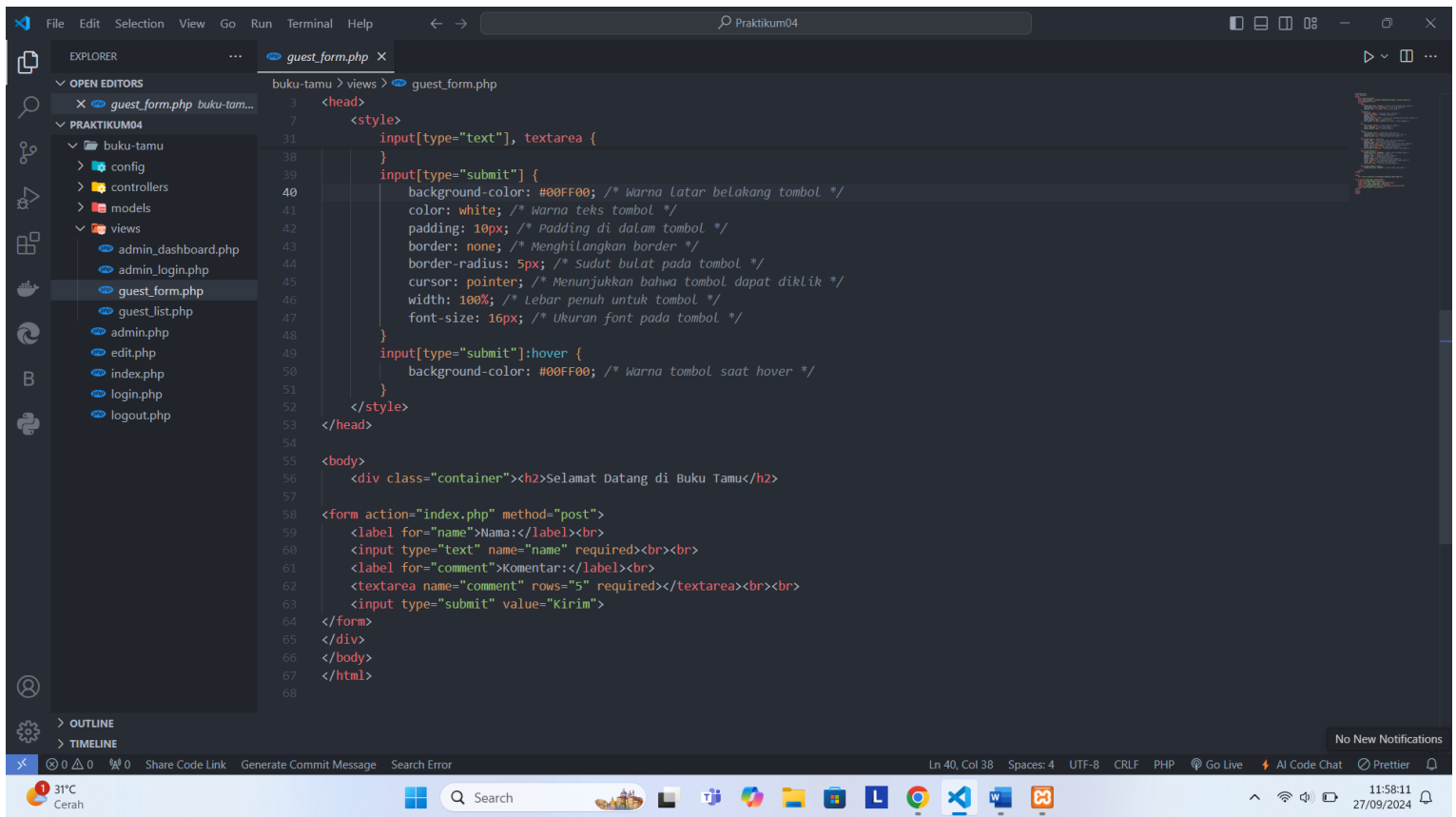
admin_login.php
83 <body>
84 <form action="login.php" method="post">
85   <label for="password">Password:</label>
86   <input type="password" name="password" required>
87   <input type="submit" value="Login">
88 </form>
89 </body>
90 </html>
91
92
93
94
95
96
```

Source Code dari folder views, guest_form.php

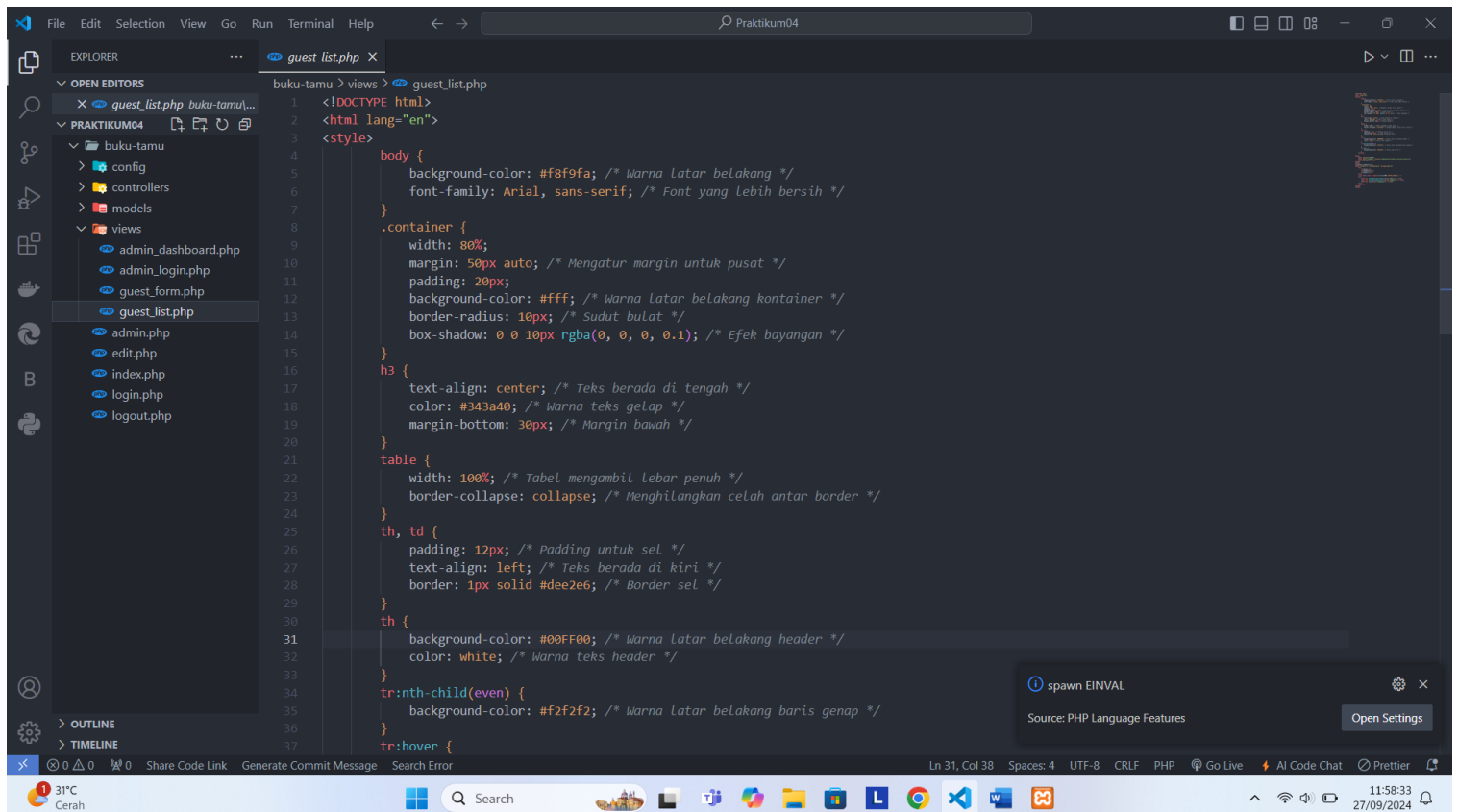
```
File Edit Selection View Go Run Terminal Help
Praktikum04

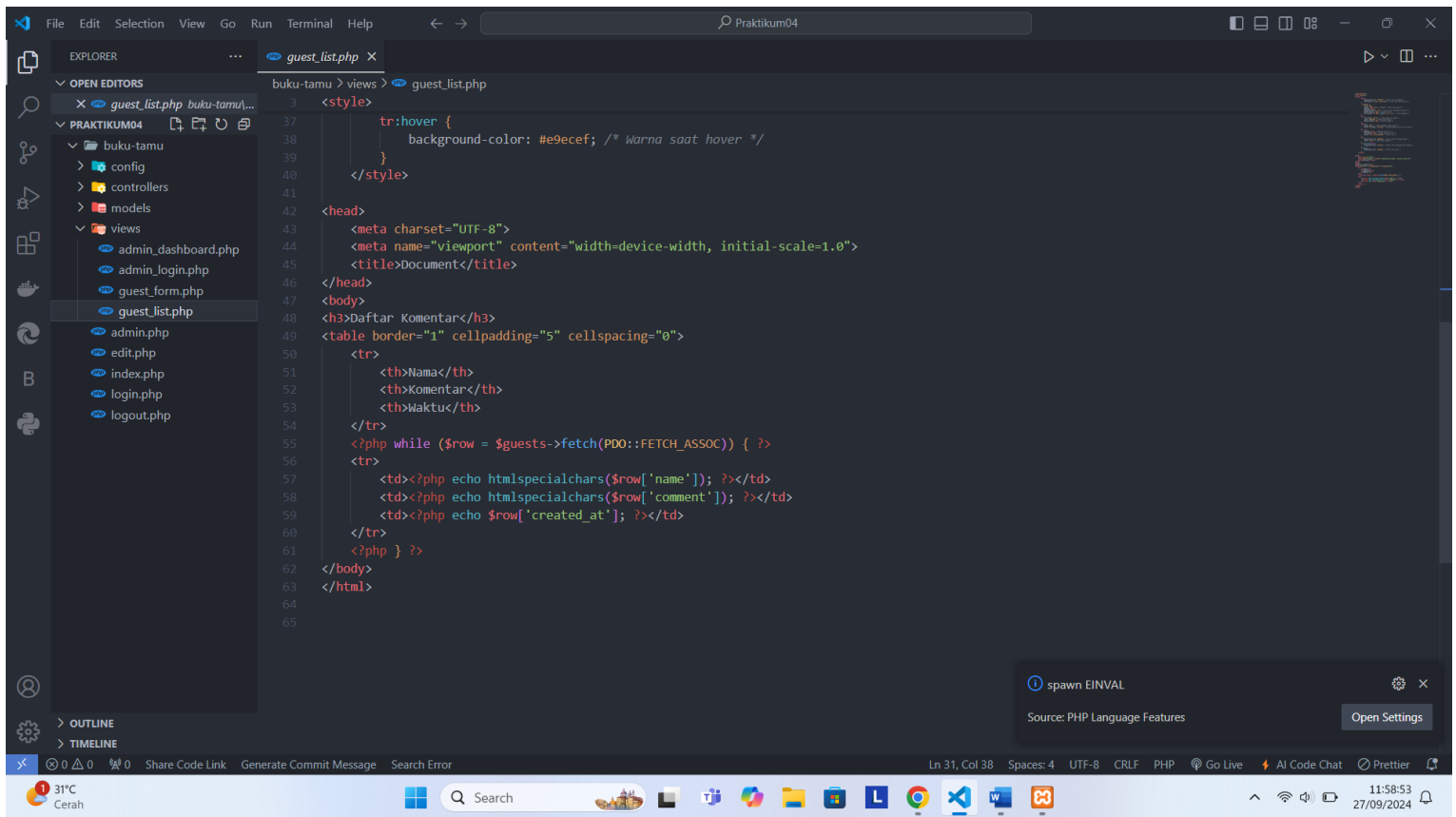
EXPLORER
OPEN EDITORS
guest_form.php buku-tam...
PRAKTIKUM04
buku-tamu
  config
  controllers
  models
  views
    admin_dashboard.php
    admin_login.php
    guest_form.php
    guest_list.php
    admin.php
    edit.php
    index.php
    login.php
    logout.php

guest_form.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>Document</title>
7   <style>
8     body {
9       background-color: #f8f9fa; /* Warna Latar belakang yang Lembut */
10      font-family: Arial, sans-serif; /* Font yang bersih */
11      padding: 20px; /* Padding untuk seluruh body */
12    }
13    .container {
14      max-width: 600px; /* Maksimal lebar kontainer */
15      margin: 50px auto; /* Pusatkan kontainer */
16      padding: 20px;
17      background-color: #fff; /* Warna Latar belakang putih untuk formulir */
18      border-radius: 10px; /* Sudut bulat */
19      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1); /* Efek bayangan */
20    }
21    h2 {
22      text-align: center; /* Teks berada di tengah */
23      color: #343a40; /* Warna teks gelap */
24      margin-bottom: 20px; /* Margin bawah */
25    }
26    label {
27      font-weight: bold; /* Menebalkan teks label */
28      display: block; /* Membuat label berada di baris baru */
29      margin-bottom: 5px; /* Margin bawah untuk label */
30    }
31    input[type="text"], textarea {
32      width: 100%; /* Lebar penuh untuk input dan textarea */
33      padding: 10px; /* Padding di dalam input */
34      margin-bottom: 20px; /* Margin bawah untuk jarak antar elemen */
35      border: 1px solid #ced4da; /* Border dengan warna netral */
36      border-radius: 5px; /* Sudut bulat pada input */
37      box-sizing: border-box; /* Menghindari masalah box-sizing */
```

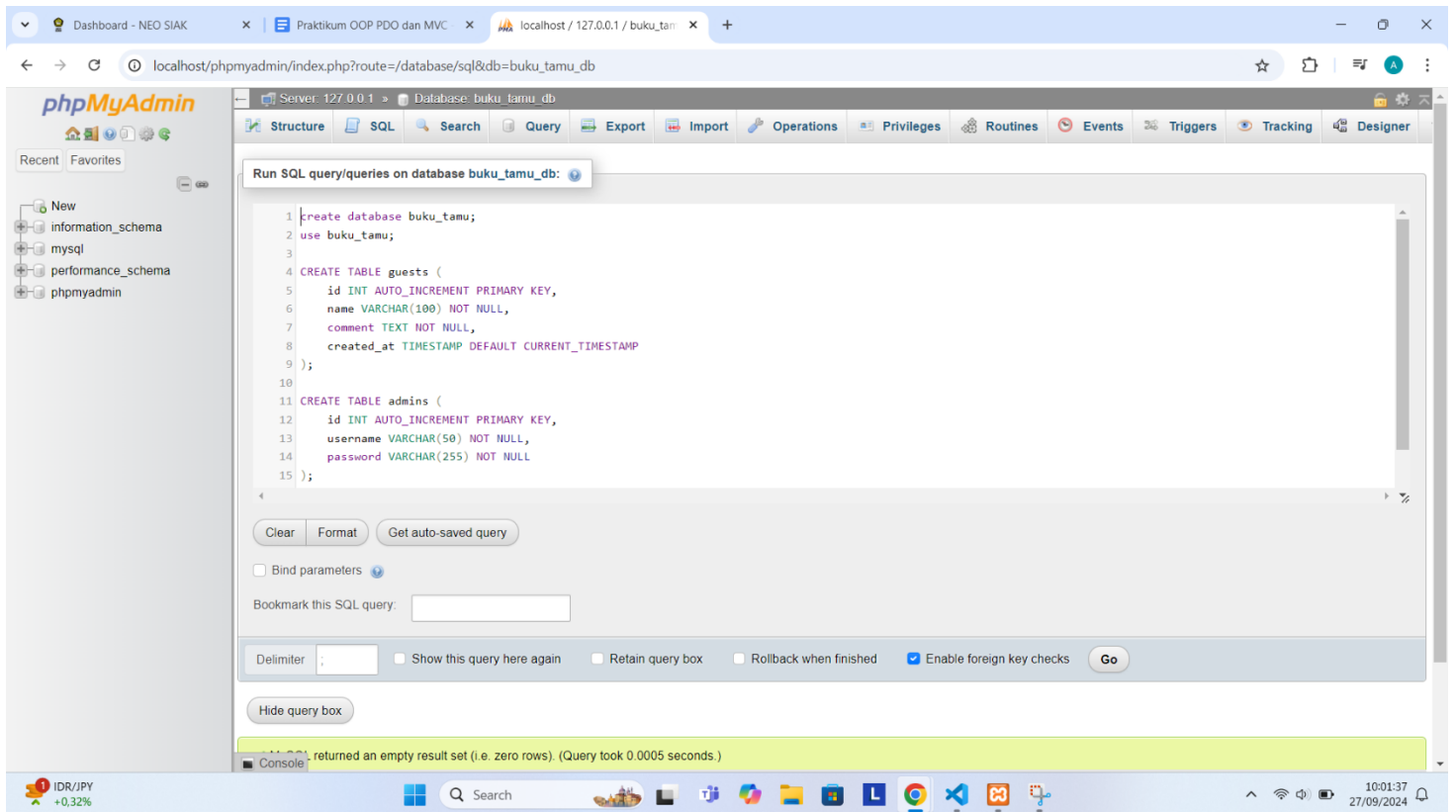


Source Code dari folder views, guest_list.php

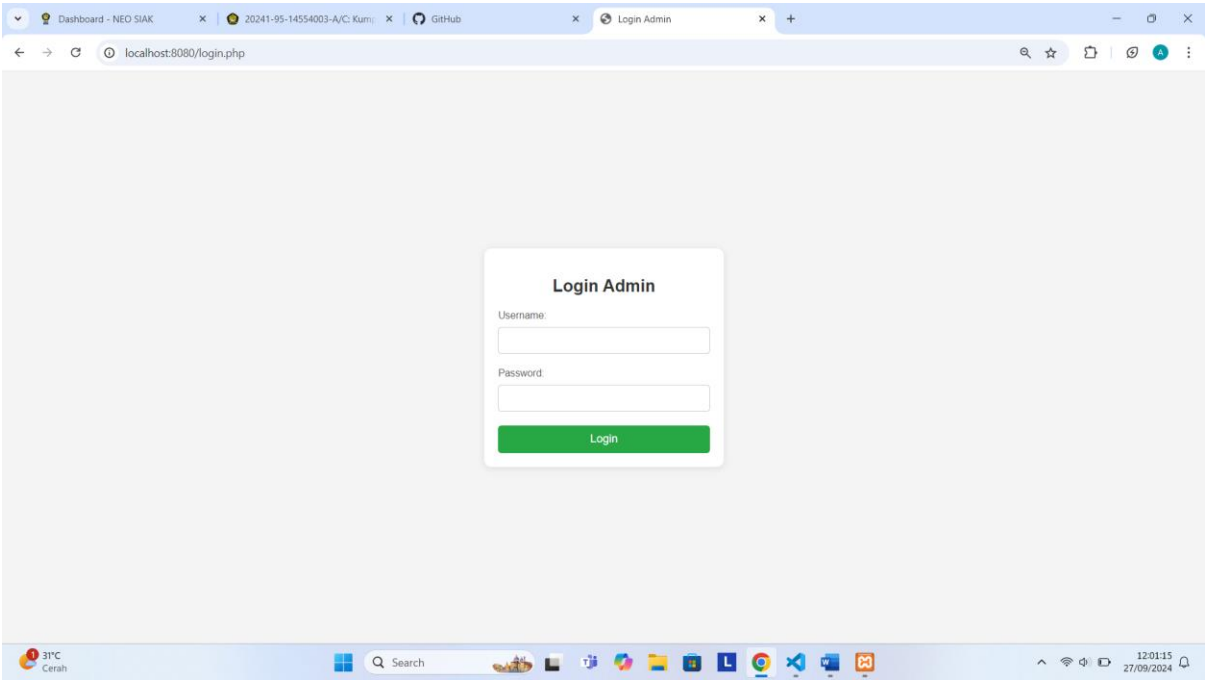




Kode SQL



Hasil Running Login.php



Hasil Running Index.php

