Laporan Tugas

Praktikum Pemrograman Berbasis Website

Oleh:

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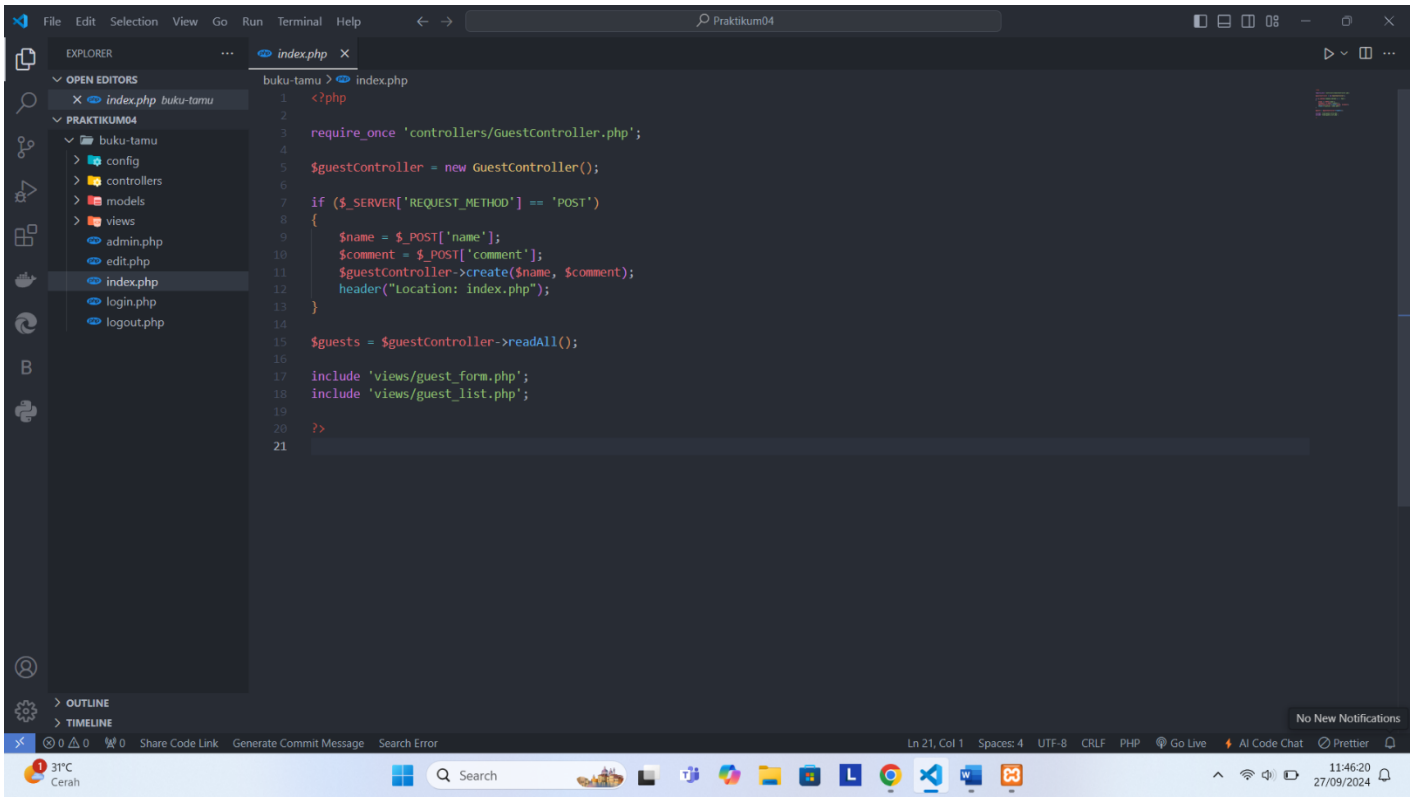
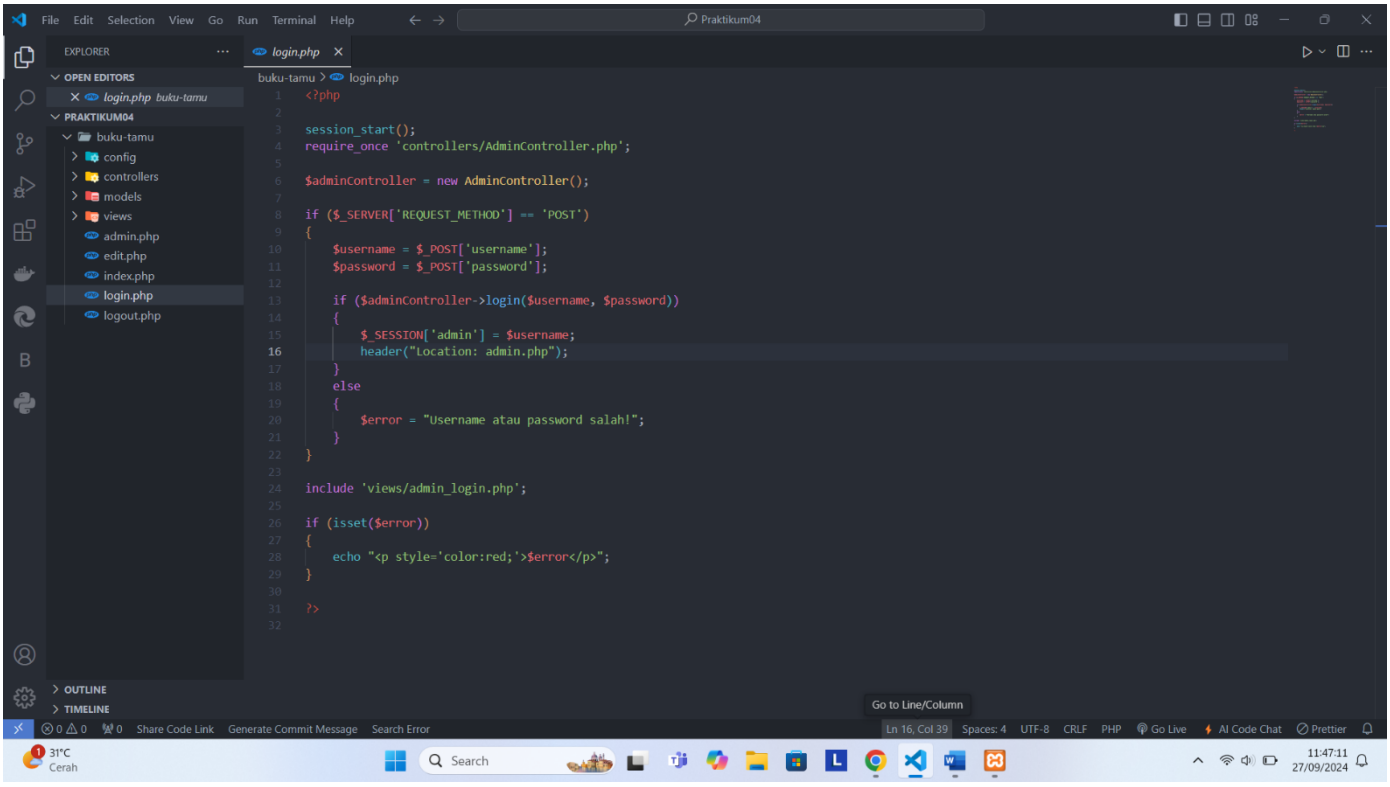
2024/2025

Source Code Index.php



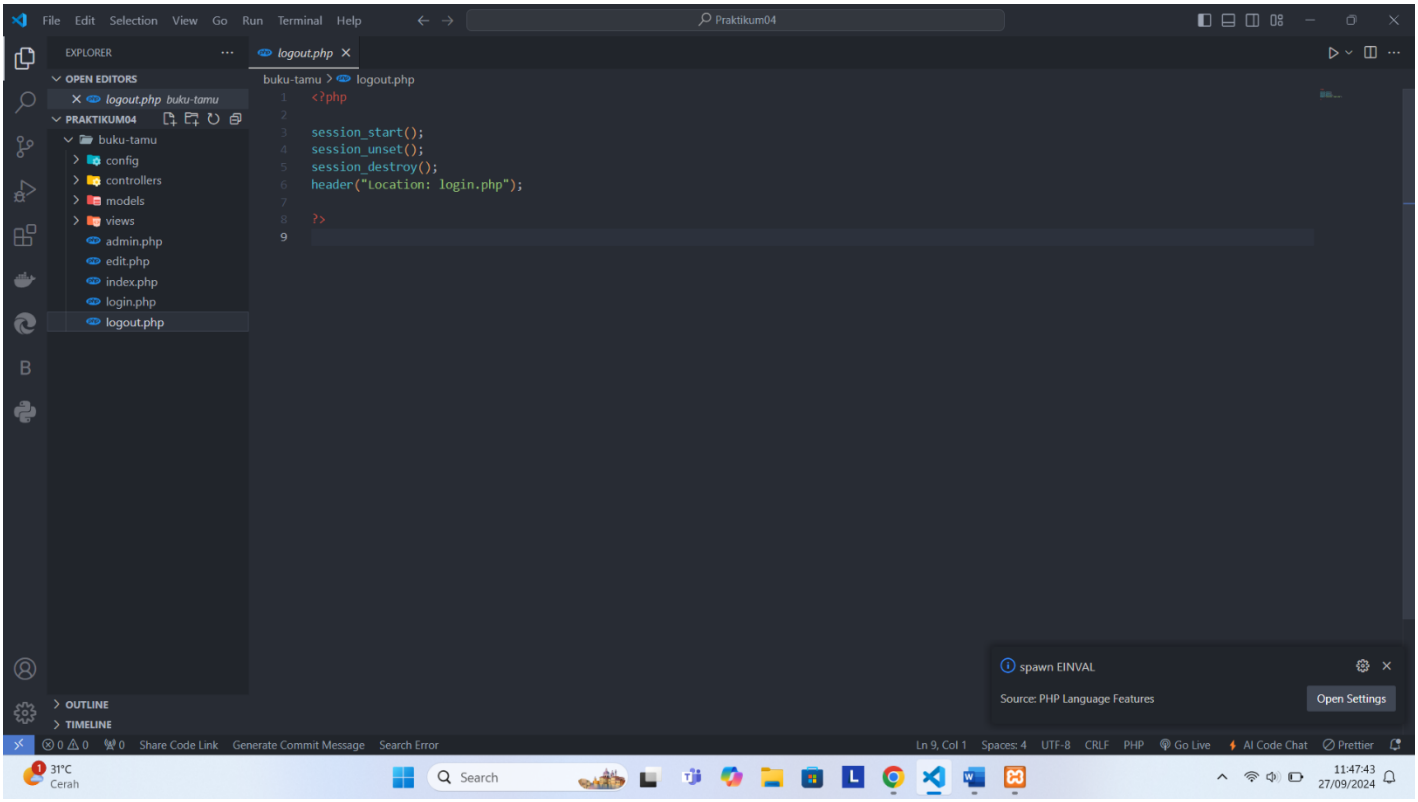
```php
<?php

require_once 'controllers/GuestController.php';

$guestController = new GuestController();

if ($_SERVER['REQUEST_METHOD'] == 'POST')
{
    $name = $_POST['name'];
    $comment = $_POST['comment'];
    $guestController->create($name, $comment);
    header("Location: index.php");
}

$guests = $guestController->readAll();

include 'views/guest_form.php';
include 'views/guest_list.php';

?>
```

Source Code login.php

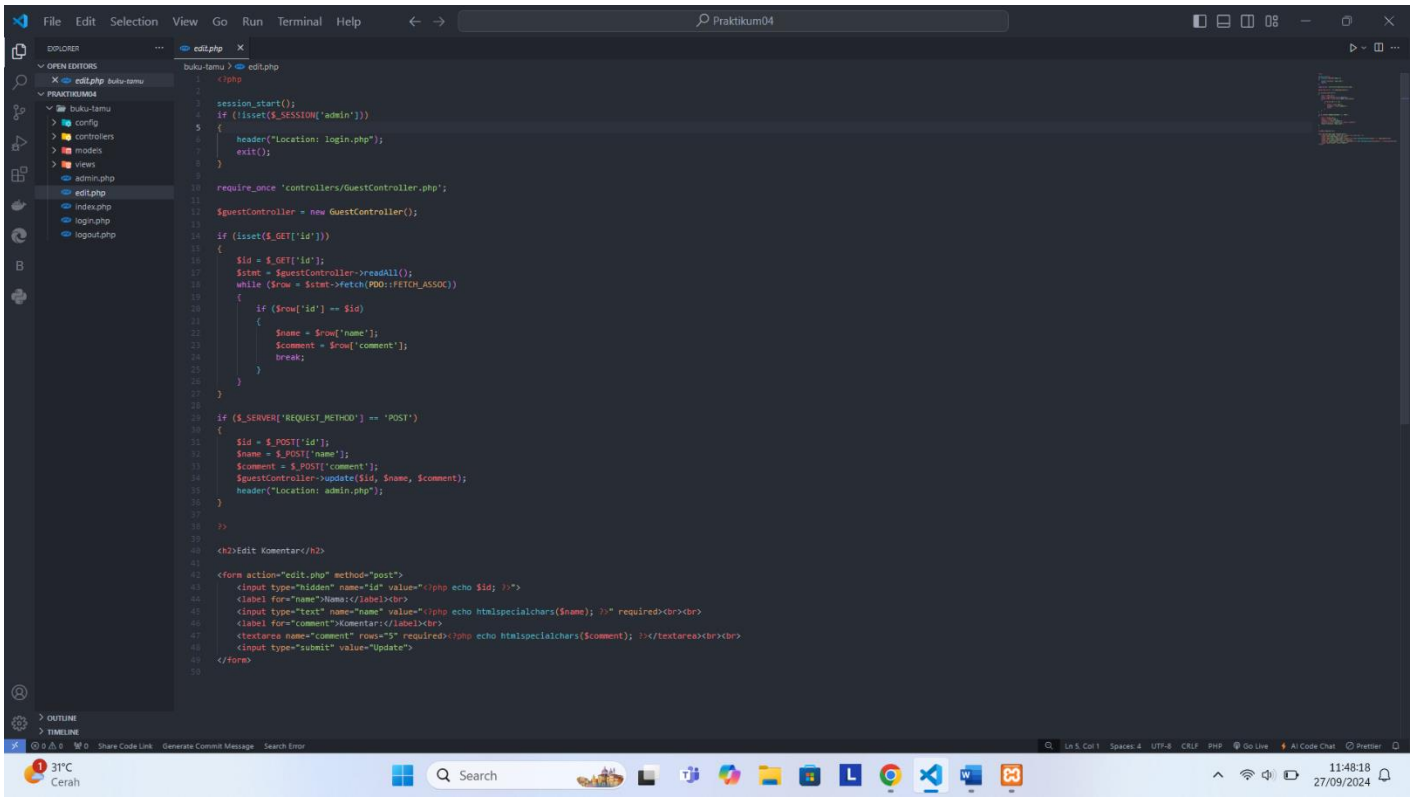


```php
<?php

session_start();
require_once 'controllers/AdminController.php';

$adminController = new AdminController();

if ($_SERVER['REQUEST_METHOD'] == 'POST')
{
    $username = $_POST['username'];
    $password = $_POST['password'];

    if ($adminController->login($username, $password))
    {
        $_SESSION['admin'] = $username;
        header("Location: admin.php");
    }
    else
    {
        $error = "Username atau password salah!";
    }
}

include 'views/admin_login.php';

if (isset($error))
{
    echo "<p style='color:red;'>$error</p>";
}

?>
```

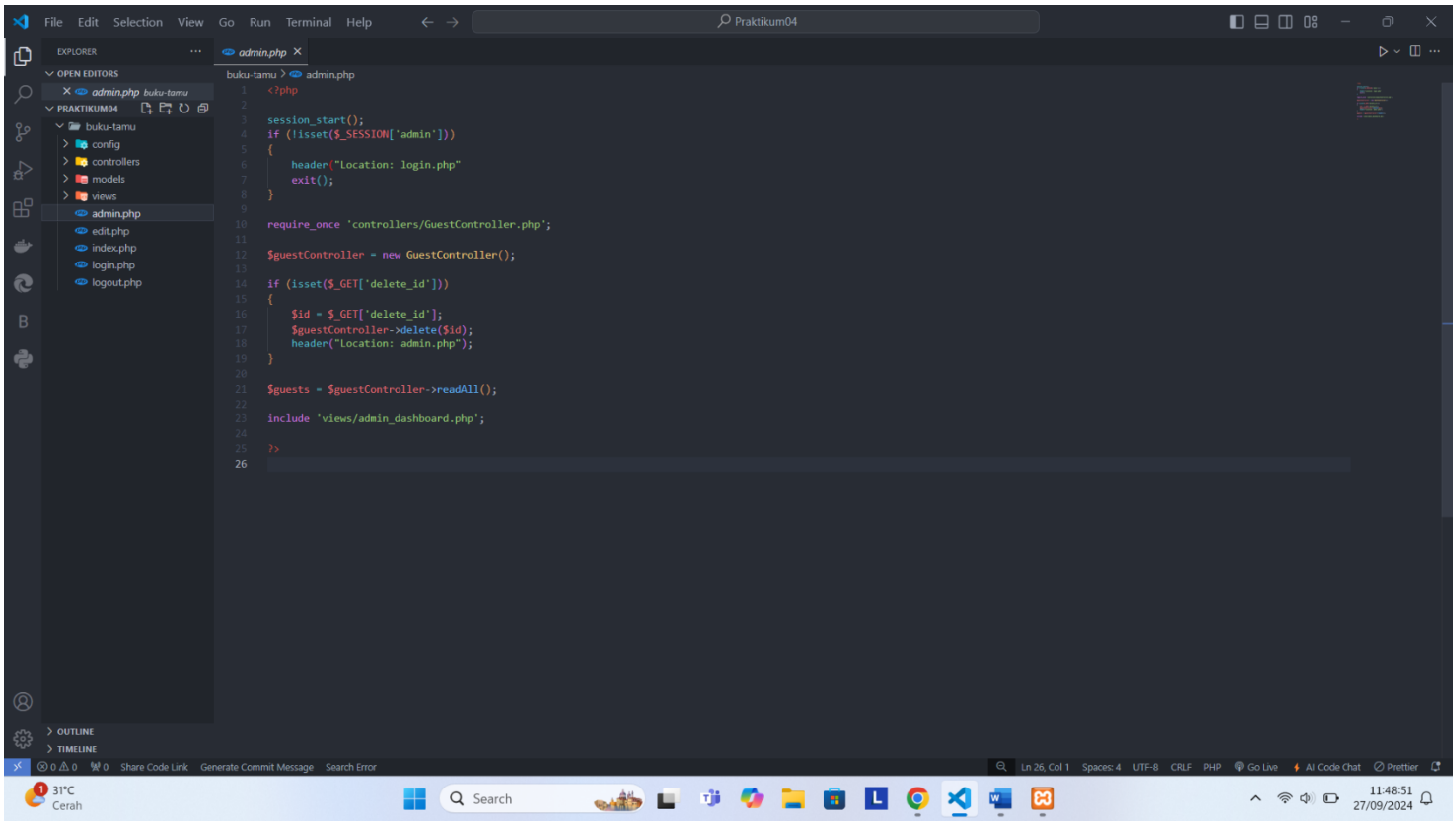
Source Code logout.php



Source Code edit.php

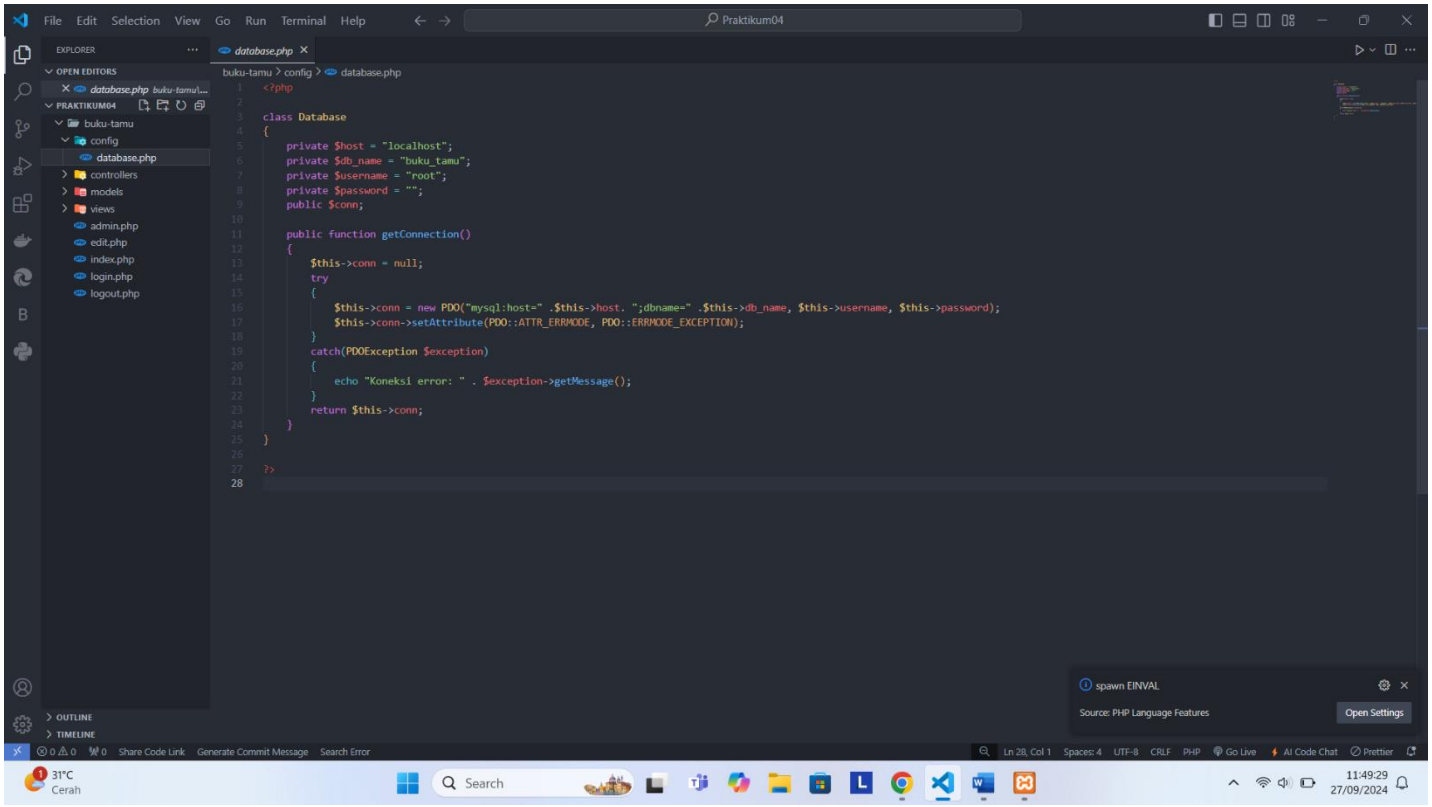


Source Code admin.php



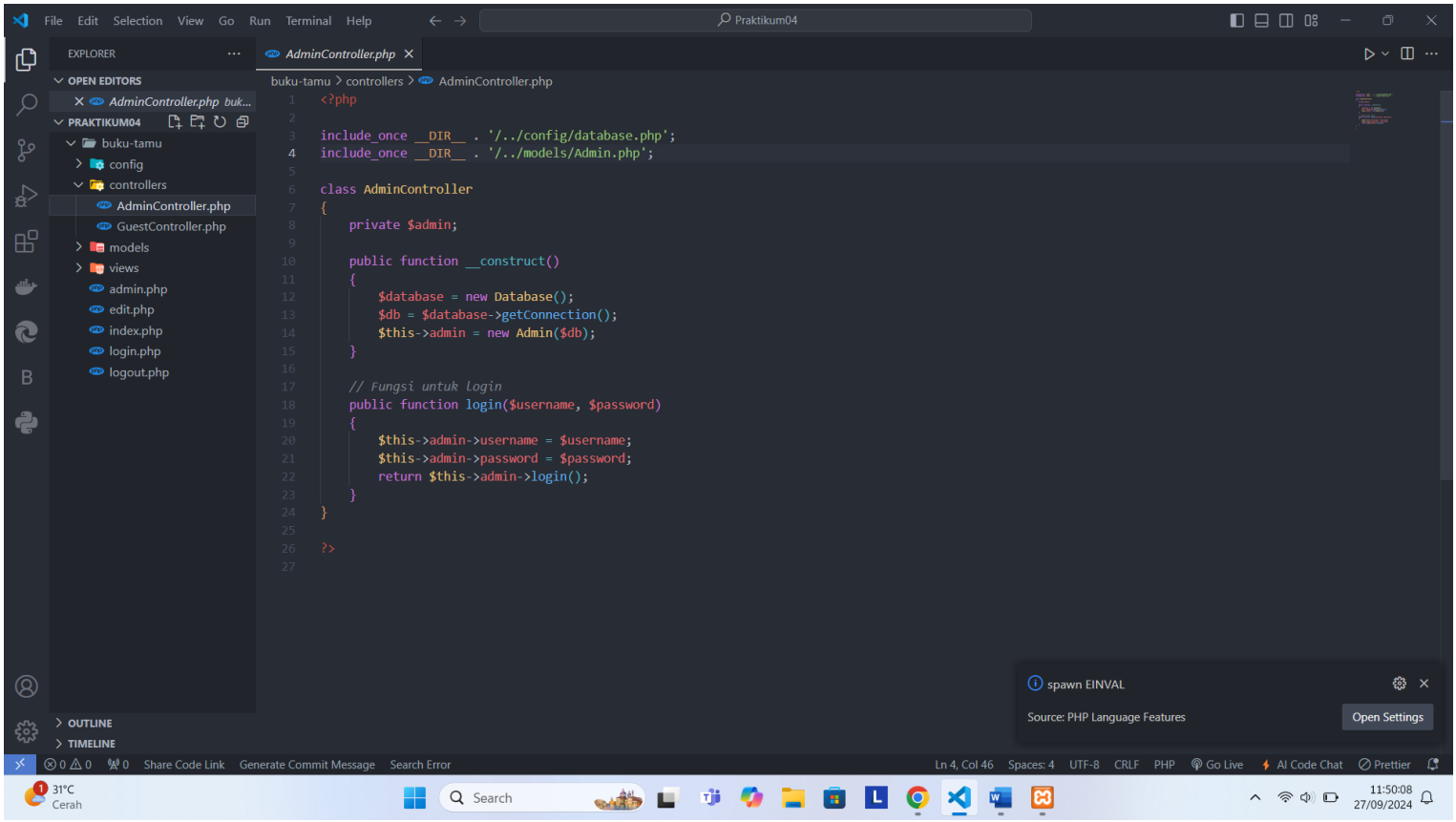
```php
<?php

session_start();
if (!isset($_SESSION['admin']))
{
    header("Location: login.php"
    exit();
}

require_once 'controllers/GuestController.php';

$guestController = new GuestController();

if (isset($_GET['delete_id']))
{
    $id = $_GET['delete_id'];
    $guestController->delete($id);
    header("Location: admin.php");
}

$guests = $guestController->readAll();

include 'views/admin_dashboard.php';

?>
```

Source Code dari folder config, database.php



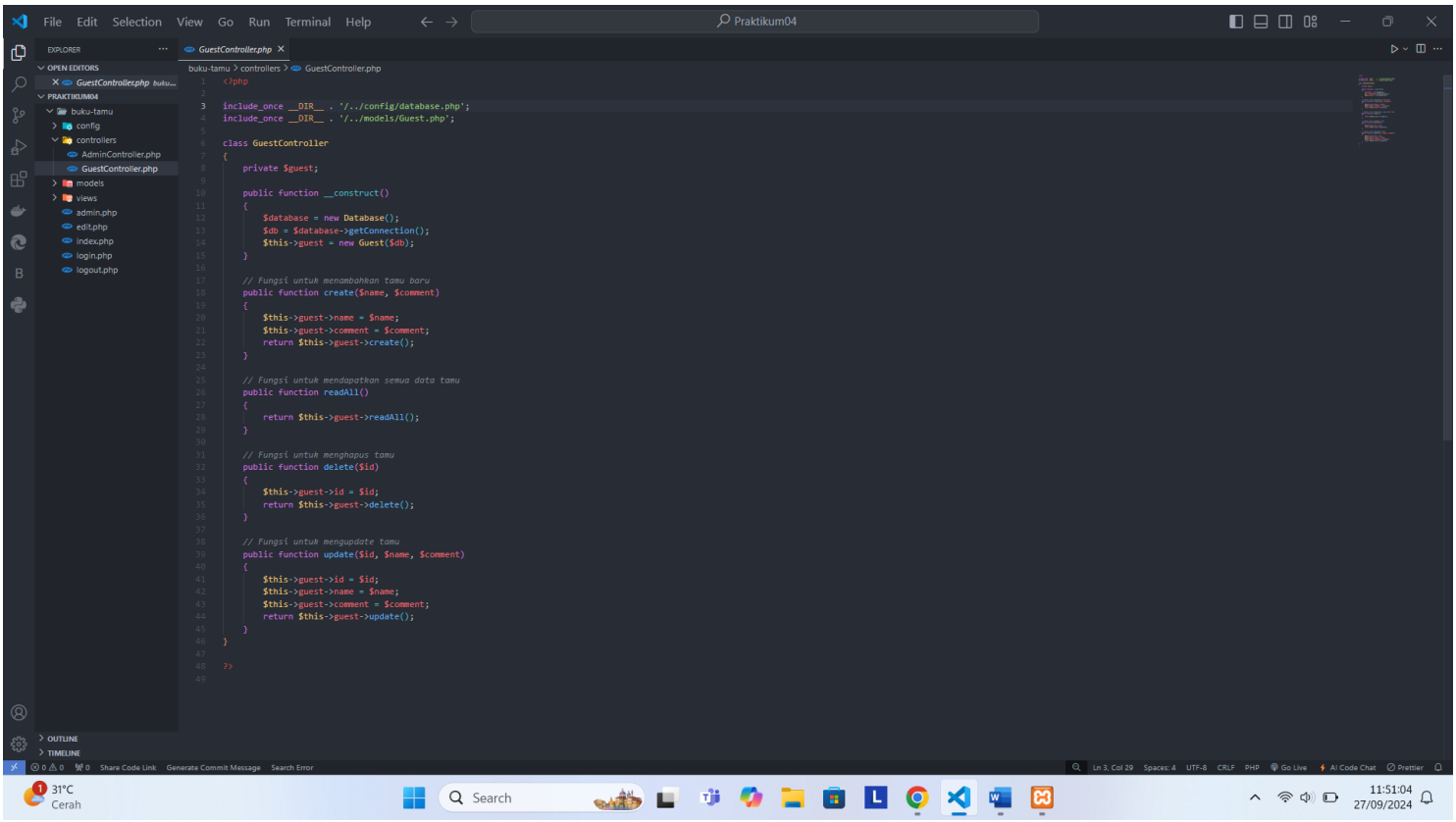
```php
<?php

class Database
{
    private $host = "localhost";
    private $db_name = "buku_tamu";
    private $username = "root";
    private $password = "";
    public $conn;

    public function getConnection()
    {
        $this->conn = null;
        try
        {
            $this->conn = new PDO("mysql:host=" .$this->host. ";dbname=" .$this->db_name, $this->username, $this->password);
            $this->conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        }
        catch(PDOException $exception)
        {
            echo "Koneksi error: " . $exception->getMessage();
        }
        return $this->conn;
    }
}

?>
```

Source Code dari folder controllers, AdminController.php



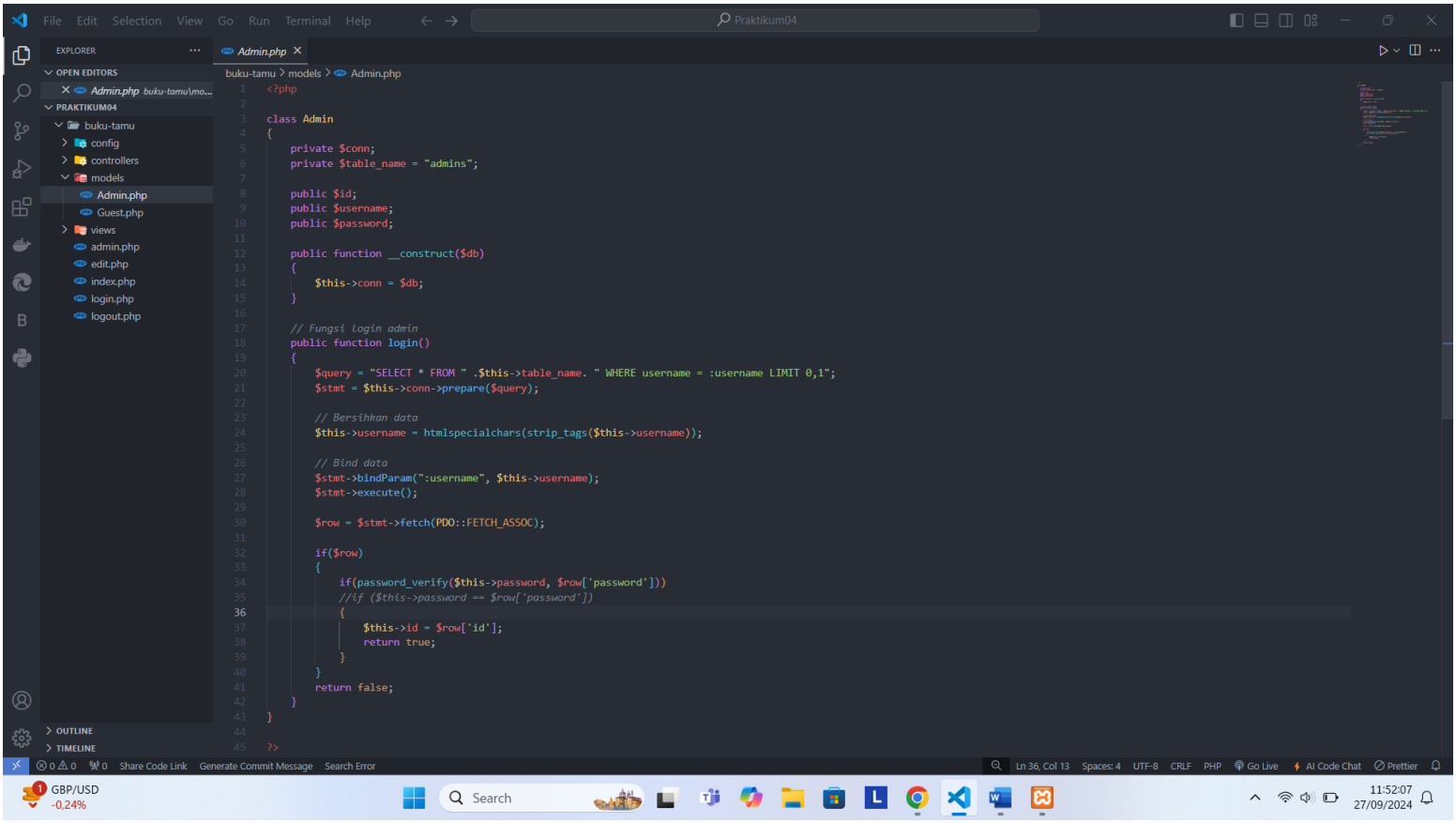
```php
<?php

include_once __DIR__ . '/../config/database.php';
include_once __DIR__ . '/../models/Admin.php';

class AdminController
{
    private $admin;

    public function __construct()
    {
        $database = new Database();
        $db = $database->getConnection();
        $this->admin = new Admin($db);
    }

    // Fungsi untuk login
    public function login($username, $password)
    {
        $this->admin->username = $username;
        $this->admin->password = $password;
        return $this->admin->login();
    }
}

?>
```

Source Code dari folder controllers, GuestController.php



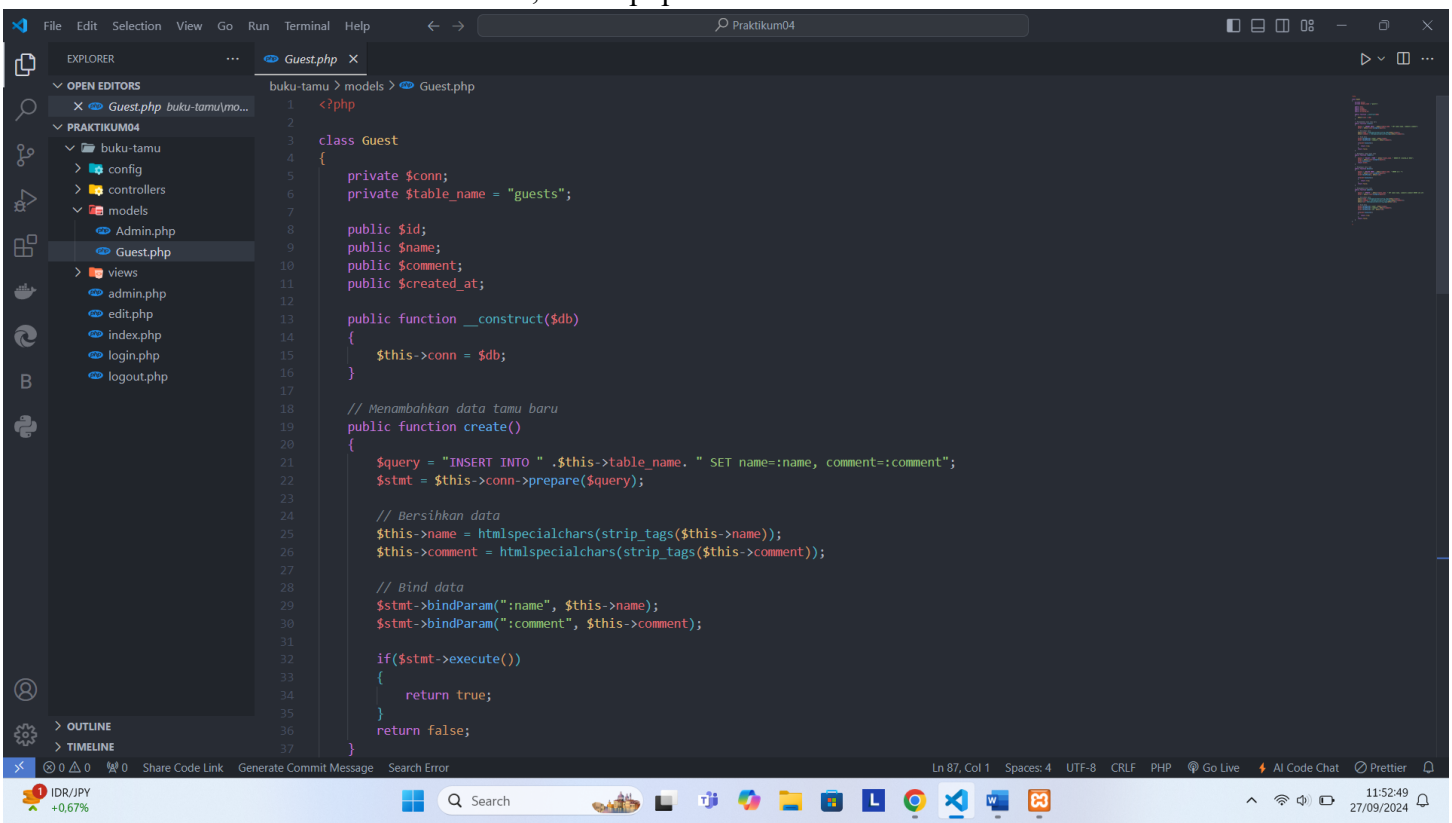
```php
<?php

include_once __DIR__ . '/../config/database.php';
include_once __DIR__ . '/../models/Guest.php';

class GuestController
{
    private $guest;

    public function __construct()
    {
        $database = new Database();
        $db = $database->getConnection();
        $this->guest = new Guest($db);
    }

    // Fungsi untuk menambahkan tamu baru
    public function create($name, $comment)
    {
        $this->guest->name = $name;
        $this->guest->comment = $comment;
        return $this->guest->create();
    }

    // Fungsi untuk mendapatkan semua data tamu
    public function readAll()
    {
        return $this->guest->readAll();
    }

    // Fungsi untuk menghapus tamu
    public function delete($id)
    {
        $this->guest->id = $id;
        return $this->guest->delete();
    }

    // Fungsi untuk mengupdate tamu
    public function update($id, $name, $comment)
    {
        $this->guest->id = $id;
        $this->guest->name = $name;
        $this->guest->comment = $comment;
        return $this->guest->update();
    }
}

?>
```

Source Code dari folder models, Admin.php

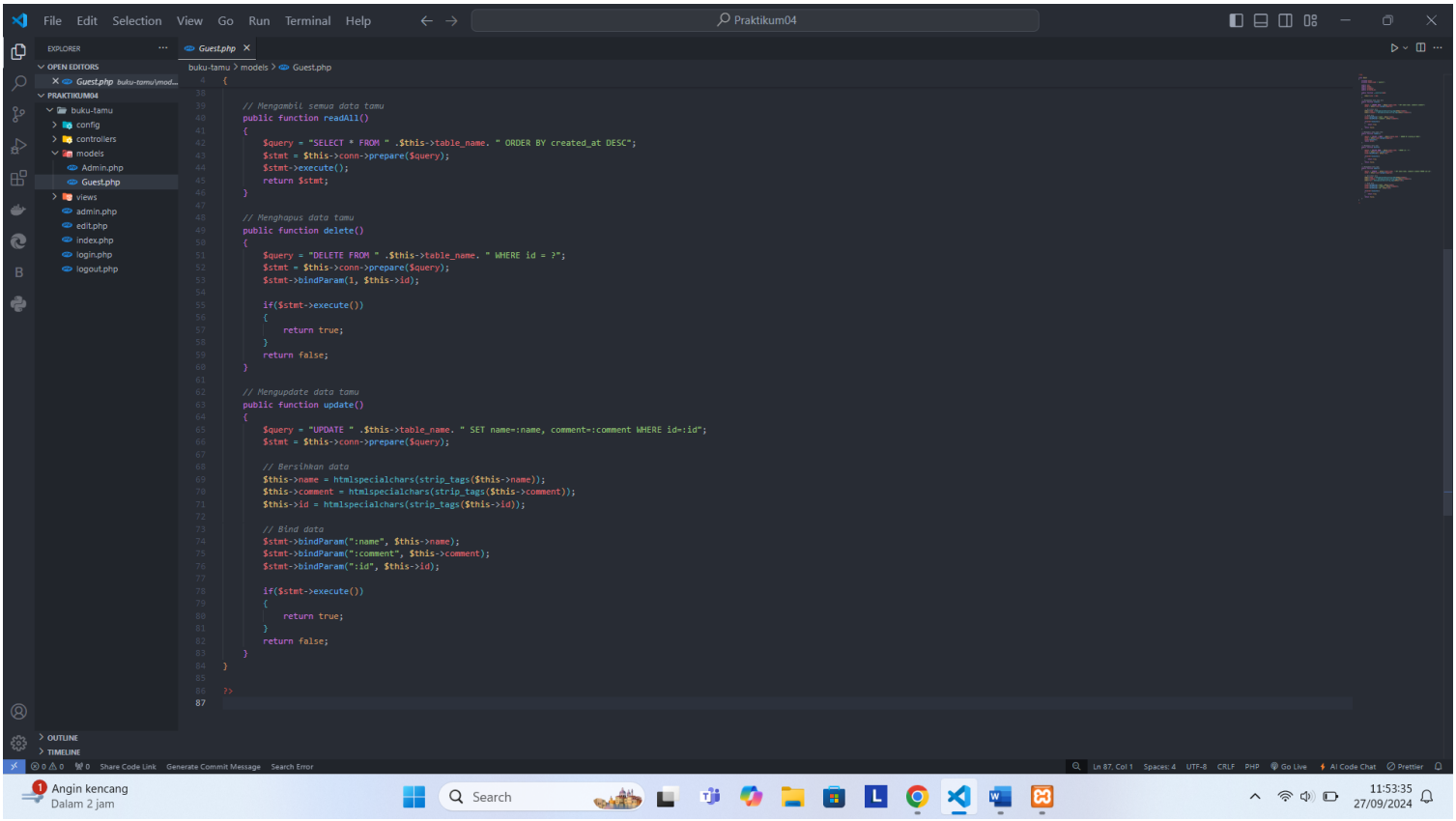


```php
<?php

class Admin
{
    private $conn;
    private $table_name = "admins";

    public $id;
    public $username;
    public $password;

    public function __construct($db)
    {
        $this->conn = $db;
    }

    // Fungsi login admin
    public function login()
    {
        $query = "SELECT * FROM " .$this->table_name. " WHERE username = :username LIMIT 0,1";
        $stmt = $this->conn->prepare($query);

        // Bersihkan data
        $this->username = htmlspecialchars(strip_tags($this->username));

        // Bind data
        $stmt->bindParam(":username", $this->username);
        $stmt->execute();

        $row = $stmt->fetch(PDO::FETCH_ASSOC);

        if($row)
        {
            if(password_verify($this->password, $row['password']))
            //if ($this->password == $row['password'])
            {
                $this->id = $row['id'];
                return true;
            }
        }
        return false;
    }
}

?>
```

Source Code dari folder models, Guest.php

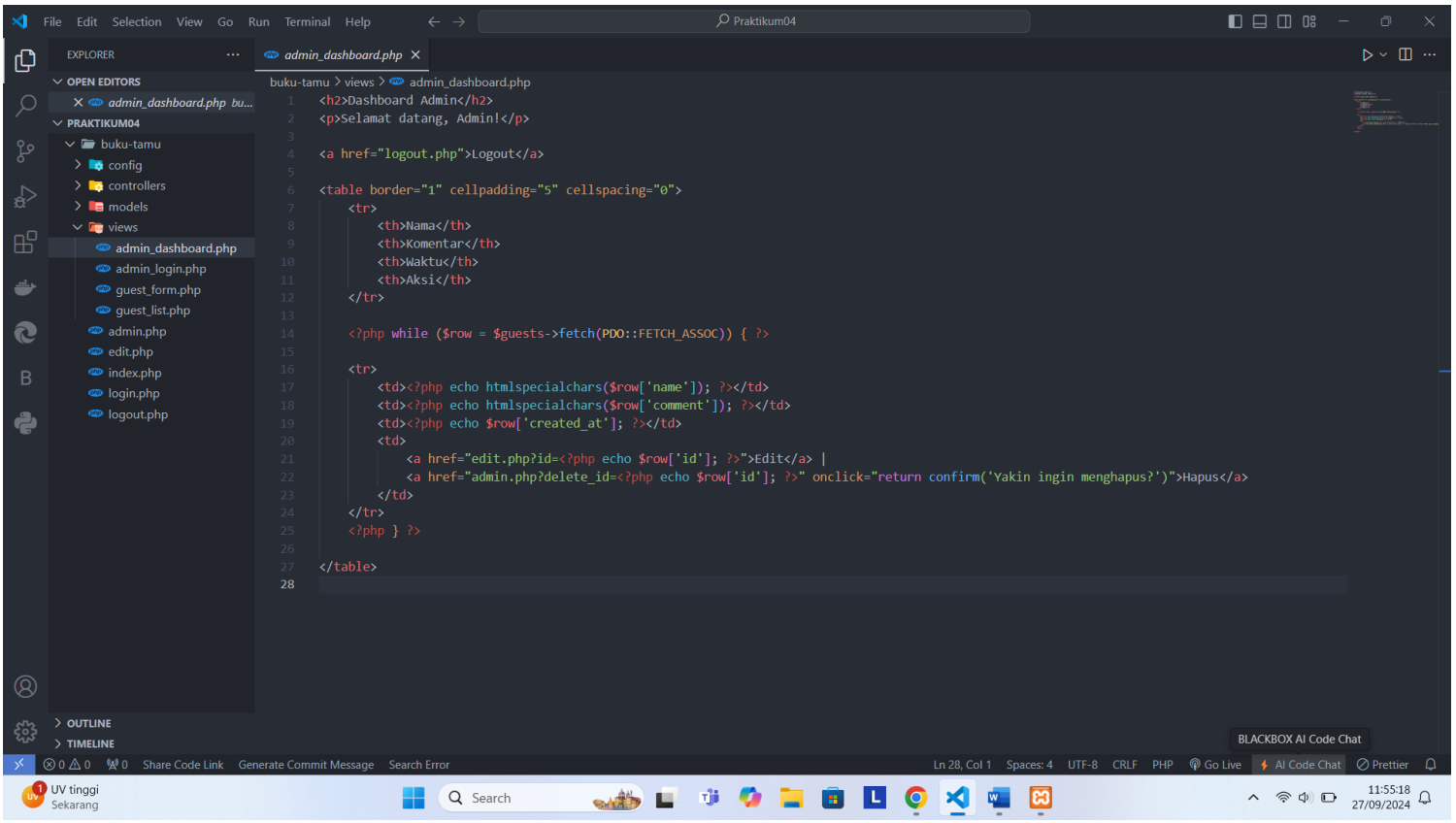


```php
<?php

class Guest
{
    private $conn;
    private $table_name = "guests";

    public $id;
    public $name;
    public $comment;
    public $created_at;

    public function __construct($db)
    {
        $this->conn = $db;
    }

    // Menambahkan data tamu baru
    public function create()
    {
        $query = "INSERT INTO " .$this->table_name. " SET name=:name, comment=:comment";
        $stmt = $this->conn->prepare($query);

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

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

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



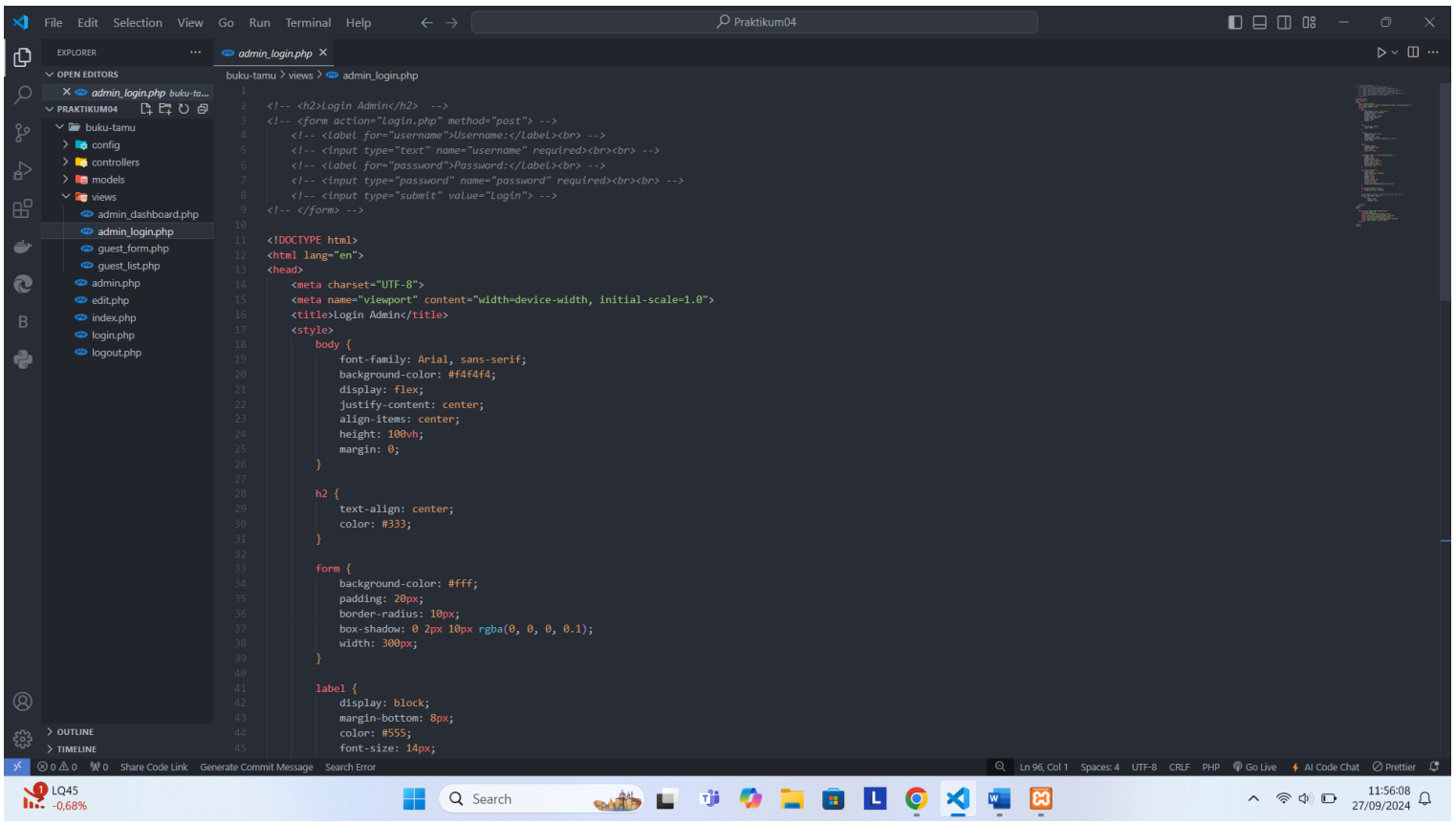
```
// Mengambil semua data tamu
public function readAll()
{
    $query = "SELECT * FROM " .$this->table_name. " ORDER BY created_at DESC";
    $stmt = $this->conn->prepare($query);
    $stmt->execute();
    return $stmt;
}

// 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

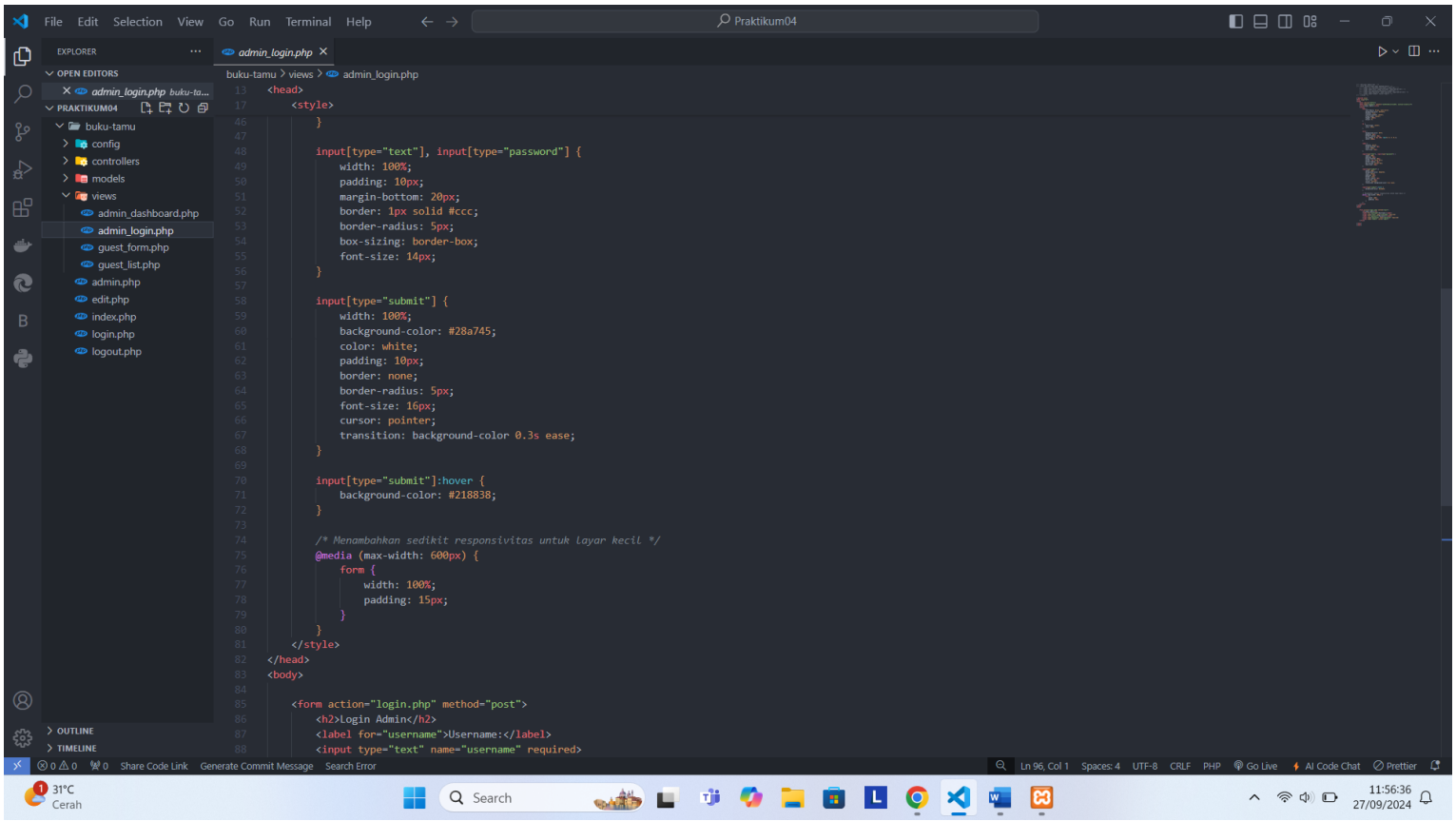


```
<h2>Dashboard Admin</h2>
<p>Selamat datang, Admin!</p>

<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>
```

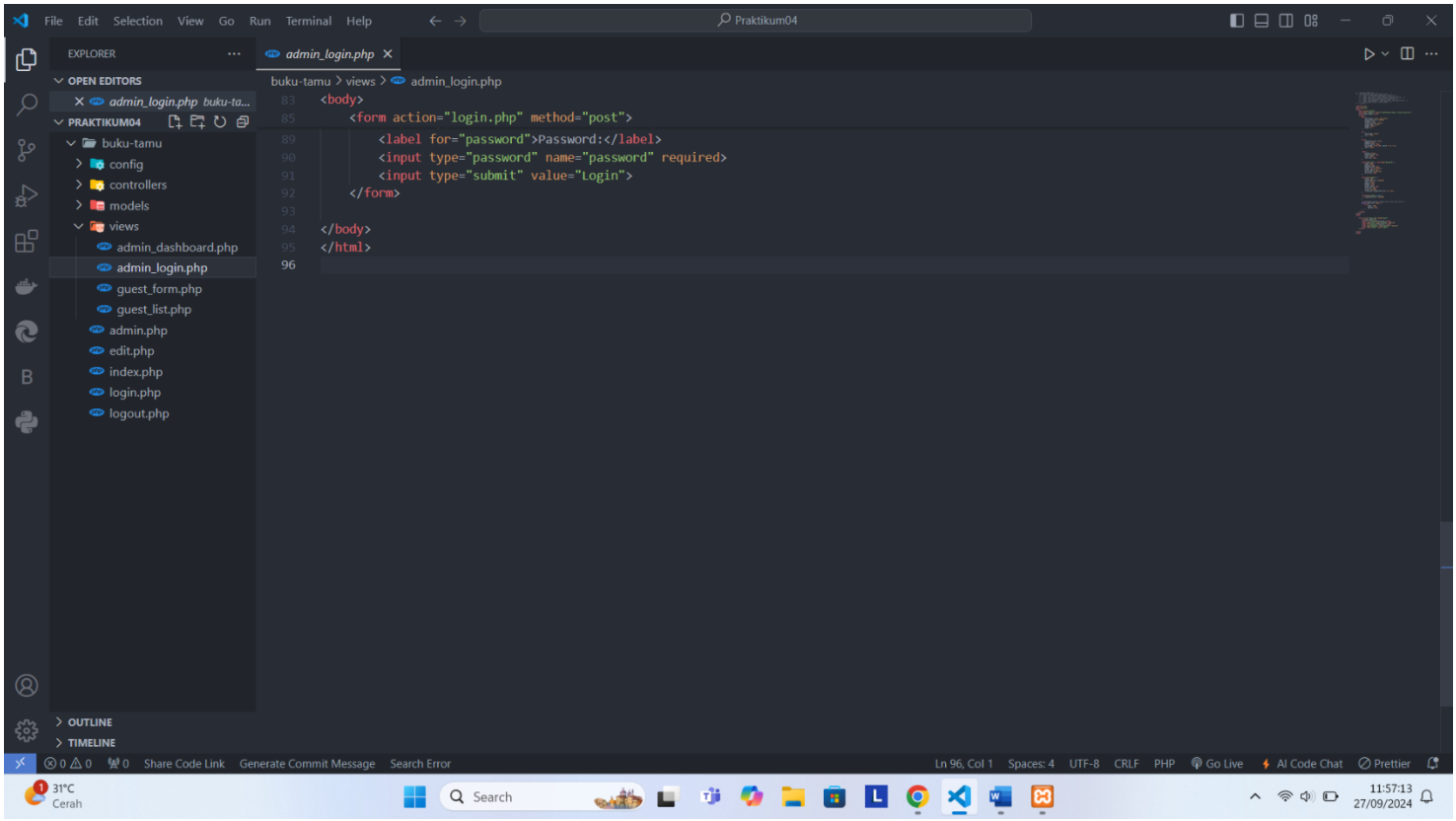
Source Code dari folder views, admin_login.php



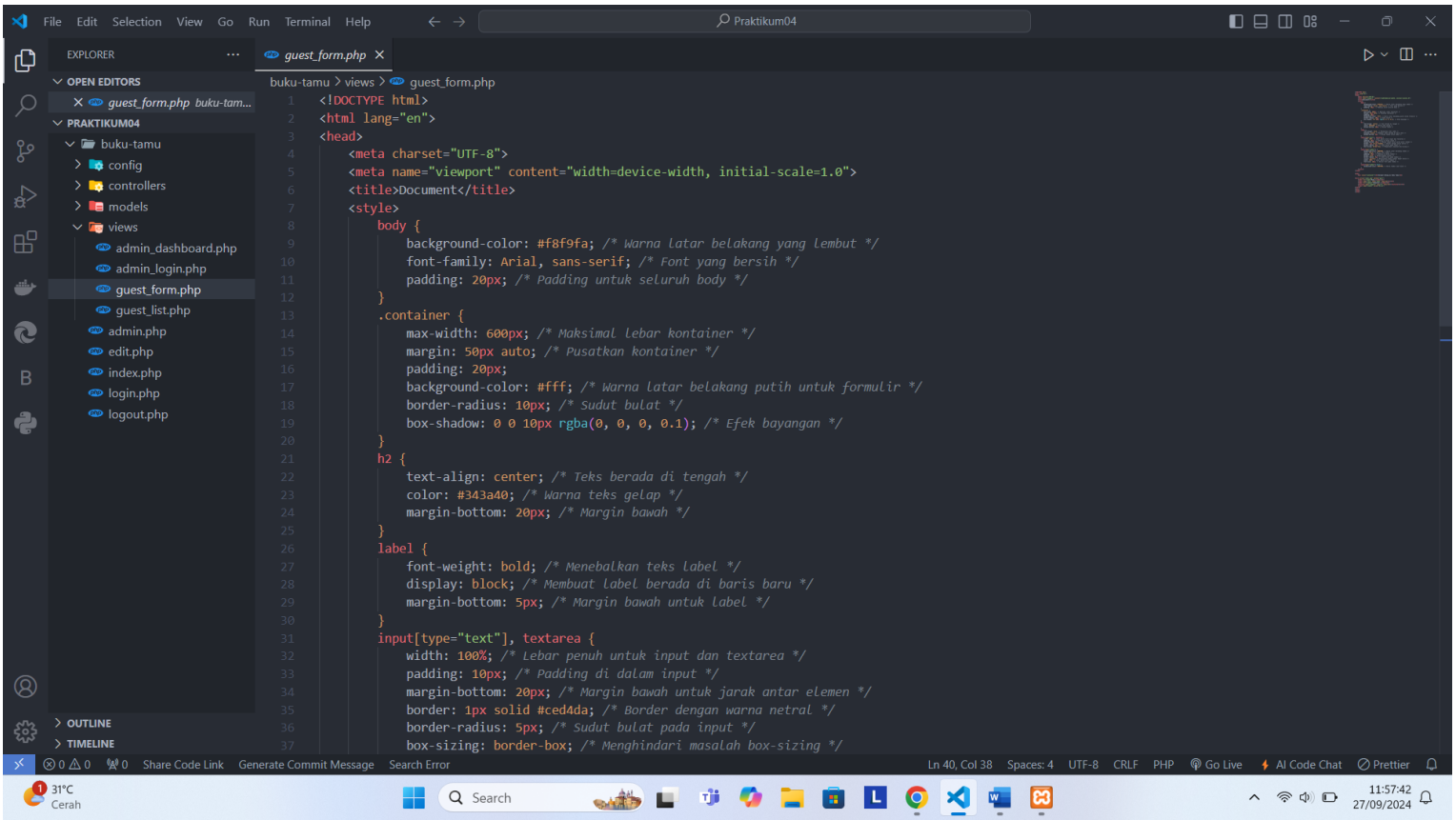
```
<!-- <h2>Login Admin</h2>  -->
<!-- <form action="Login.php" method="post"> -->
    <!-- <label for="username">Username:</label><br> -->
    <!-- <input type="text" name="username" required><br><br> -->
    <!-- <label for="password">Password:</label><br> -->
    <!-- <input type="password" name="password" required><br><br> -->
    <!-- <input type="submit" value="Login"> -->
<!-- </form> -->

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Admin</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            margin: 0;
        }

        h2 {
            text-align: center;
            color: #333;
        }

        form {
            background-color: #fff;
            padding: 20px;
            border-radius: 10px;
            box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
            width: 300px;
        }

        label {
            display: block;
            margin-bottom: 8px;
            color: #555;
            font-size: 14px;
```

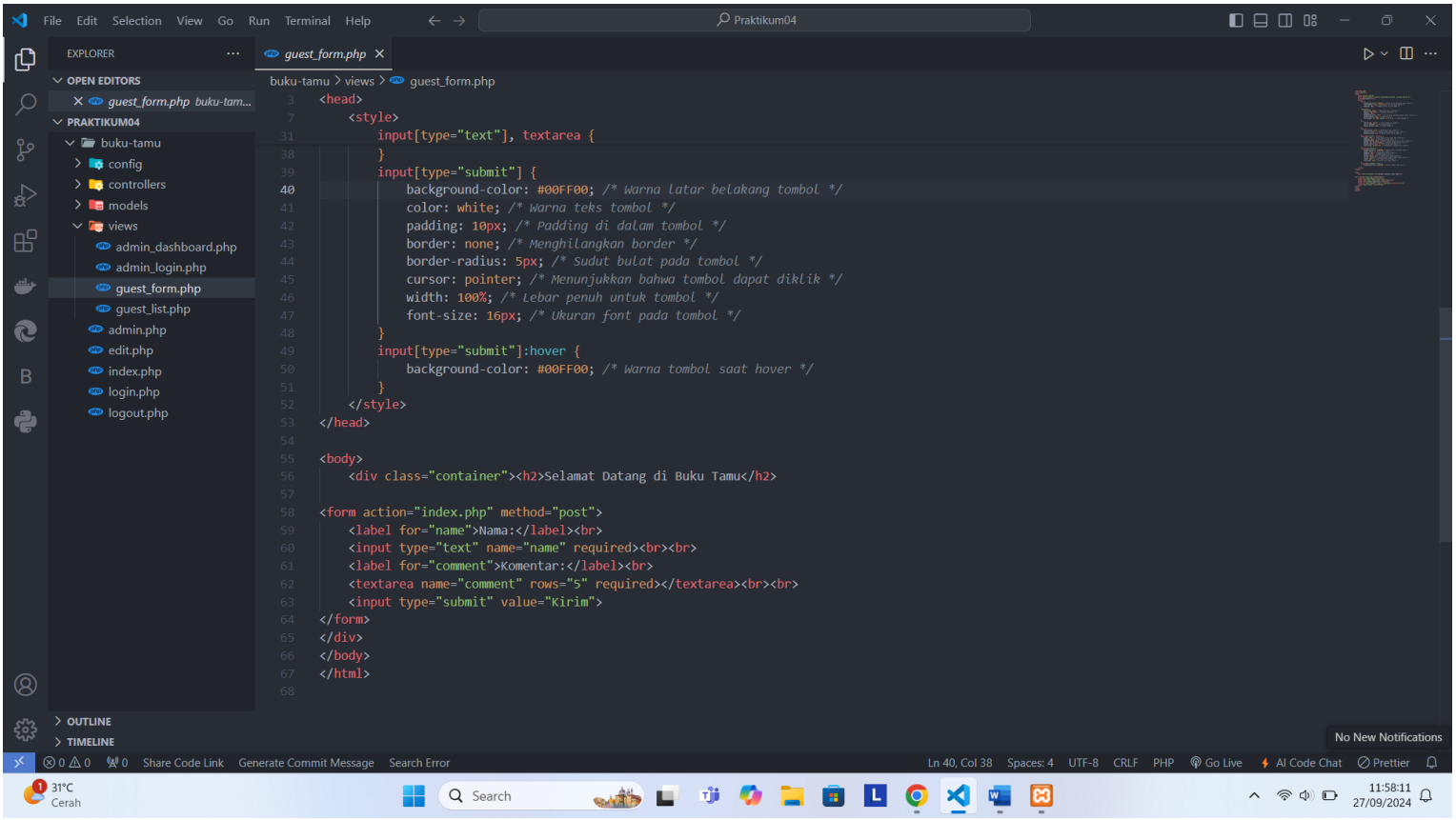


```
    <head>
        <style>
            }

            input[type="text"], input[type="password"] {
                width: 100%;
                padding: 10px;
                margin-bottom: 20px;
                border: 1px solid #ccc;
                border-radius: 5px;
                box-sizing: border-box;
                font-size: 14px;
            }

            input[type="submit"] {
                width: 100%;
                background-color: #28a745;
                color: white;
                padding: 10px;
                border: none;
                border-radius: 5px;
                font-size: 16px;
                cursor: pointer;
                transition: background-color 0.3s ease;
            }

            input[type="submit"]:hover {
                background-color: #218838;
            }

            /* Menambahkan sedikit responsivitas untuk layar kecil */
            @media (max-width: 600px) {
                form {
                    width: 100%;
                    padding: 15px;
                }
            }
        </style>
    </head>
    <body>

        <form action="login.php" method="post">
            <h2>Login Admin</h2>
            <label for="username">Username:</label>
            <input type="text" name="username" required>
```

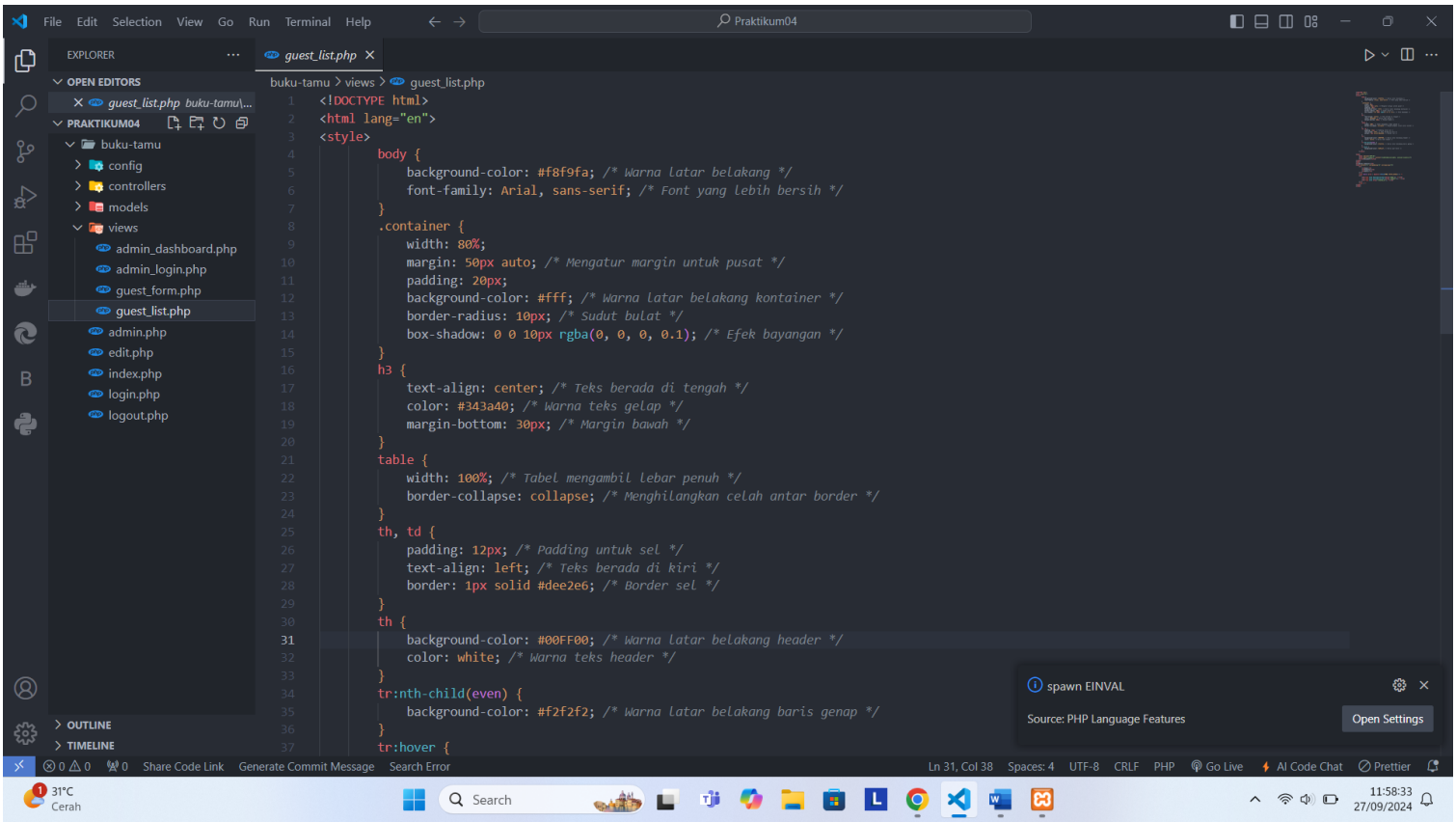


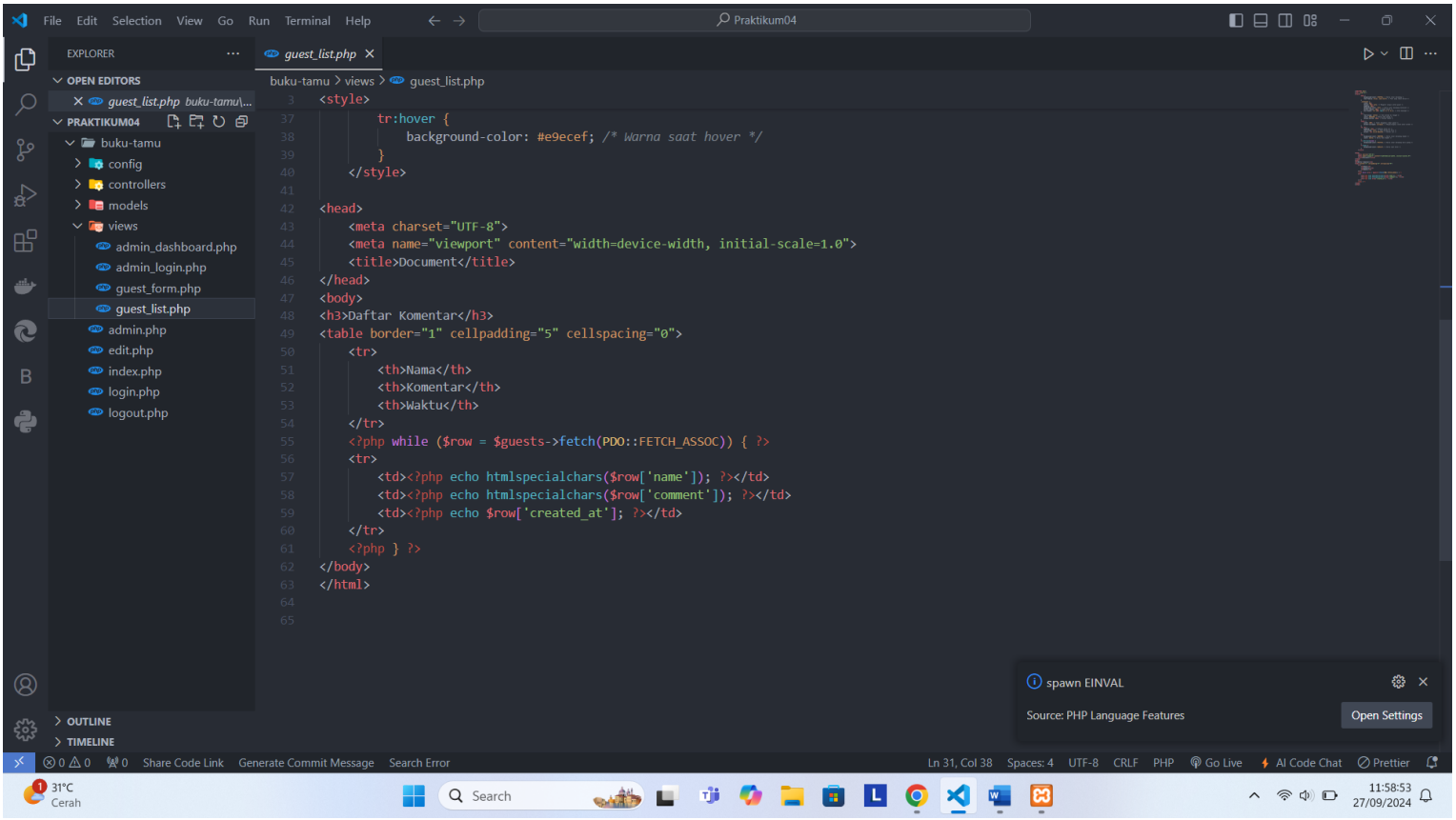
Source Code dari folder views, guest_form.php



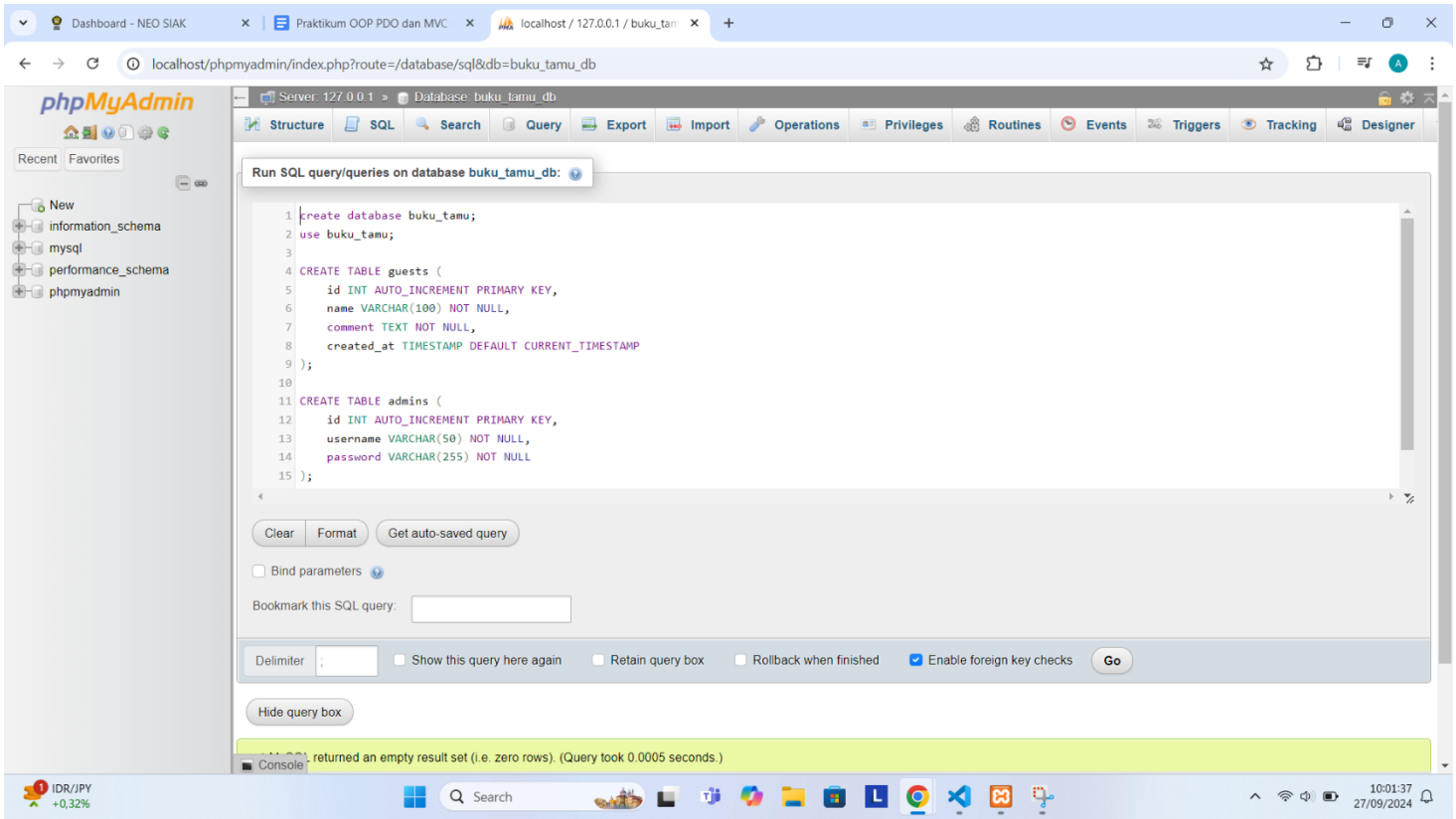


Source Code dari folder views, guest_list.php

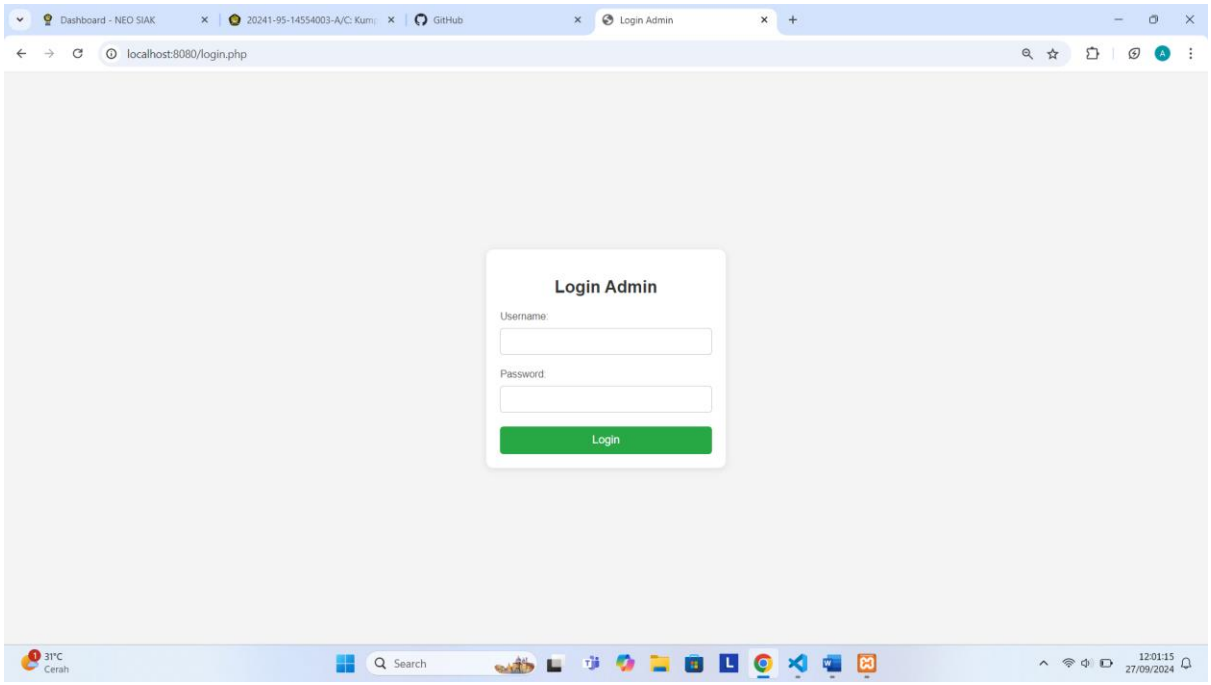
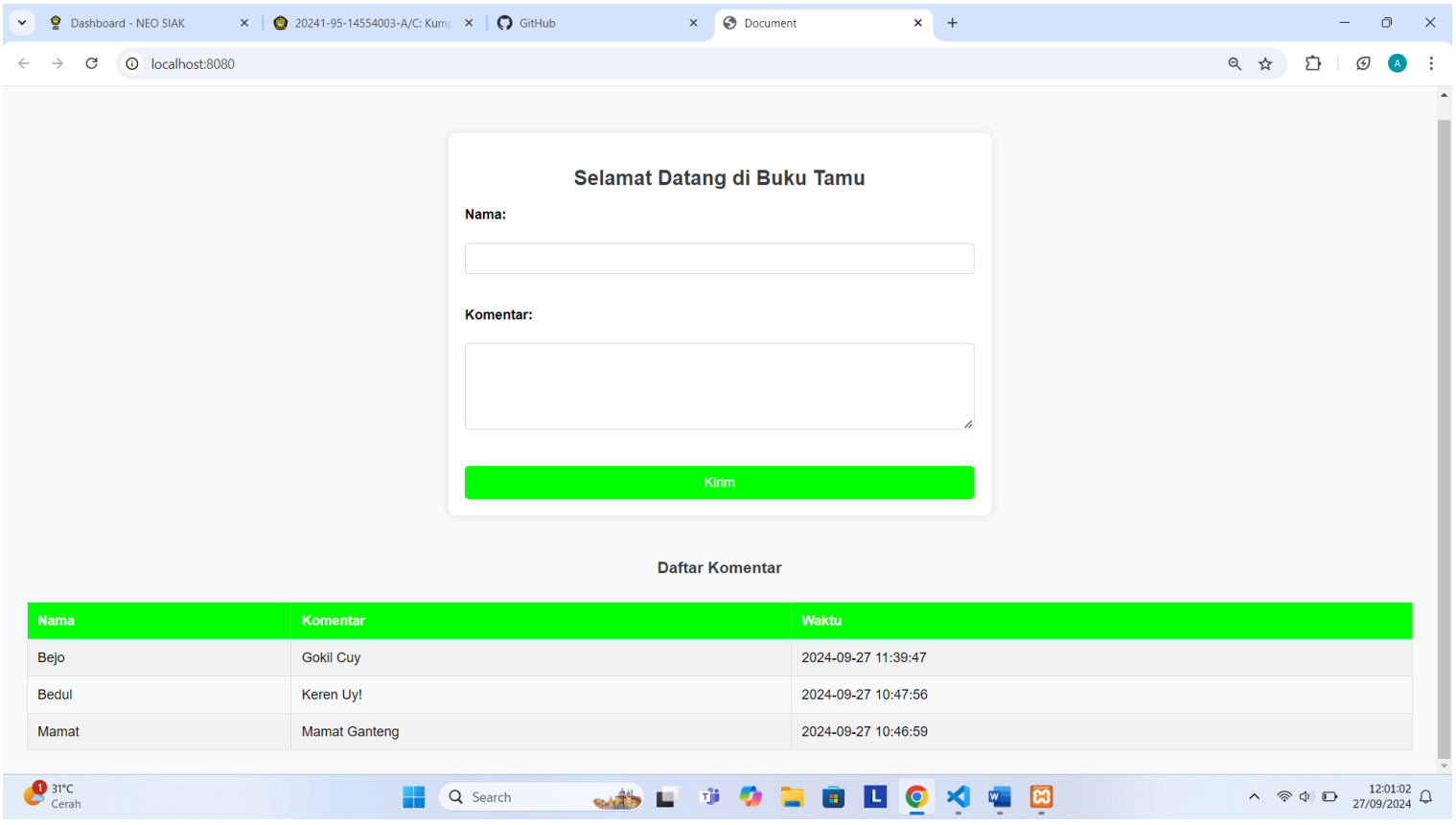



File Edit Selection View Go Run Terminal Help
Praktikum04
EXPLORER
guest_list.php
OPEN EDITORS
guest_list.php buku-tamu\...
PRAKTIKUM04
buku-tamu
config
controllers
models
views
admin_dashboard.php
admin_login.php
guest_form.php
guest_list.php
admin.php
edit.php
index.php
login.php
logout.php
buku-tamu > views > guest_list.php
<style>
tr:hover {
background-color: #e9ecef; /* Warna saat hover */
}
</style>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<h3>Daftar Komentar</h3>
<table border="1" cellpadding="5" cellspacing="0">
<tr>
<th>Nama</th>
<th>Komentar</th>
<th>Waktu</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>
</tr>
<?php } ?>
</body>
</html>
spawn EINVAL
Source: PHP Language Features
Open Settings
OUTLINE
TIMELINE
Ln 31, Col 38 Spaces: 4 UTF-8 CRLF PHP Go Live AI Code Chat Prettier
31°C Cerah
Search
11:58:53 27/09/2024

Kode SQL


Dashboard - NEO SIAK
Praktikum OOP PDO dan MVC
localhost / 127.0.0.1 / buku_tamu_db
localhost/phpmyadmin/index.php?route=/database/sql&db=buku_tamu_db
phpMyAdmin
Recent Favorites
New
information_schema
mysql
performance_schema
phpmyadmin
Server: 127.0.0.1 » Database: buku_tamu_db
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer
Run SQL query/queries on database buku_tamu_db:
create database buku_tamu;
use buku_tamu;
CREATE TABLE guests (
id INT AUTO_INCREMENT PRIMARY KEY,
name VARCHAR(100) NOT NULL,
comment TEXT NOT NULL,
created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
CREATE TABLE admins (
id INT AUTO_INCREMENT PRIMARY KEY,
username VARCHAR(50) NOT NULL,
password VARCHAR(255) NOT NULL
);
Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:
Delimiter
Show this query here again
Retain query box
Rollback when finished
Enable foreign key checks
Go
Hide query box
returned an empty result set (i.e. zero rows). (Query took 0.0005 seconds.)
Console
IDR/JPY +0,32%
Search
10:01:37 27/09/2024

Hasil Running Login.php



Hasil Running Index.php