PRAKTIKUM PEMROGRAMAN BERBASIS WEB (A)

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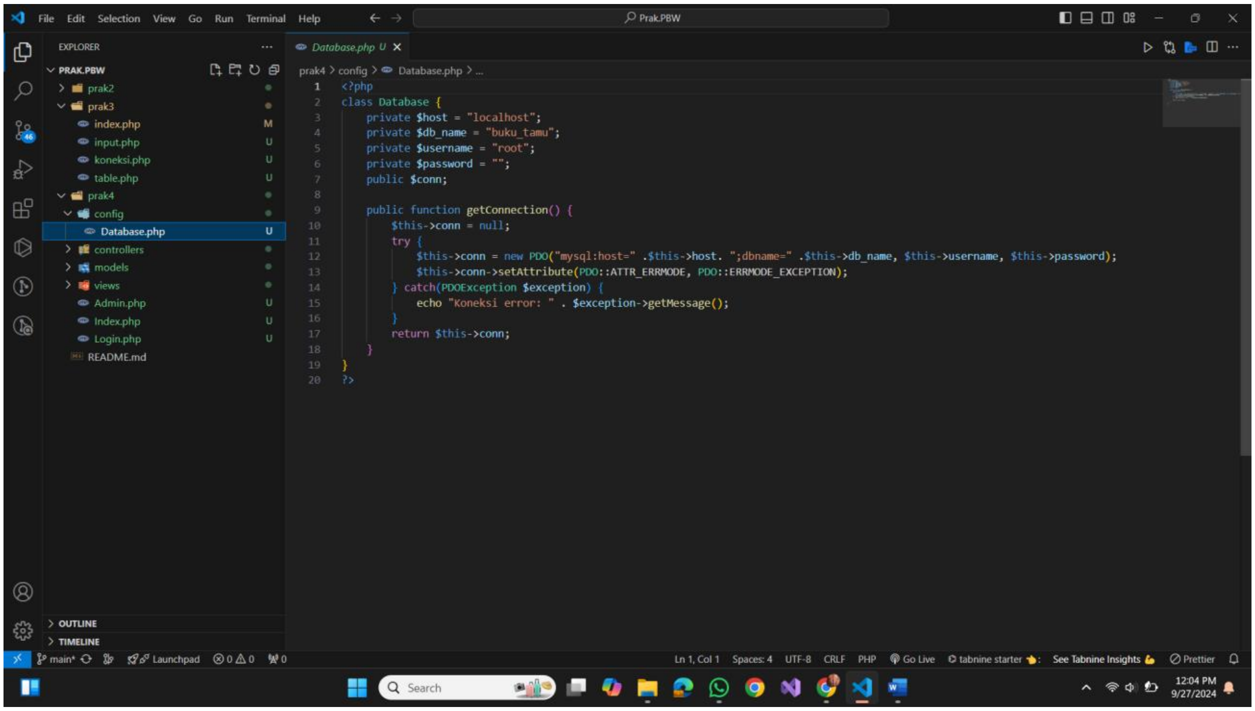
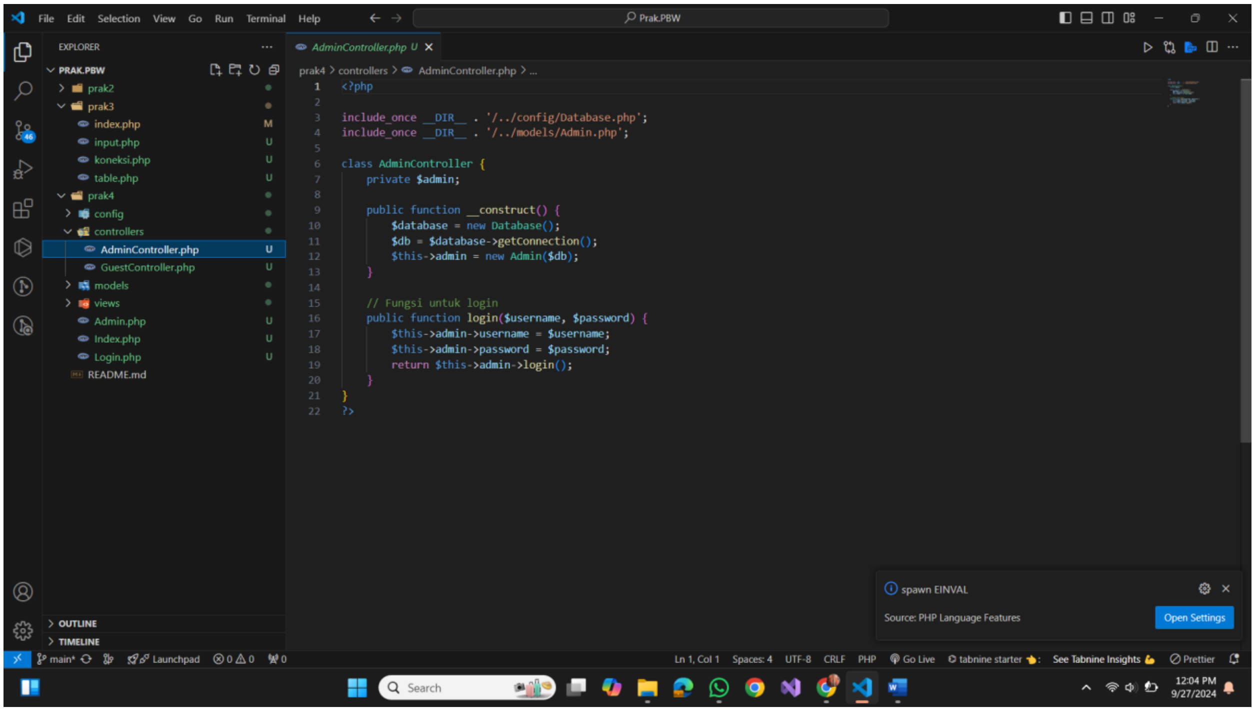
Program:

/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;
    }
}
?>
```

/Controllers/AdminController.php



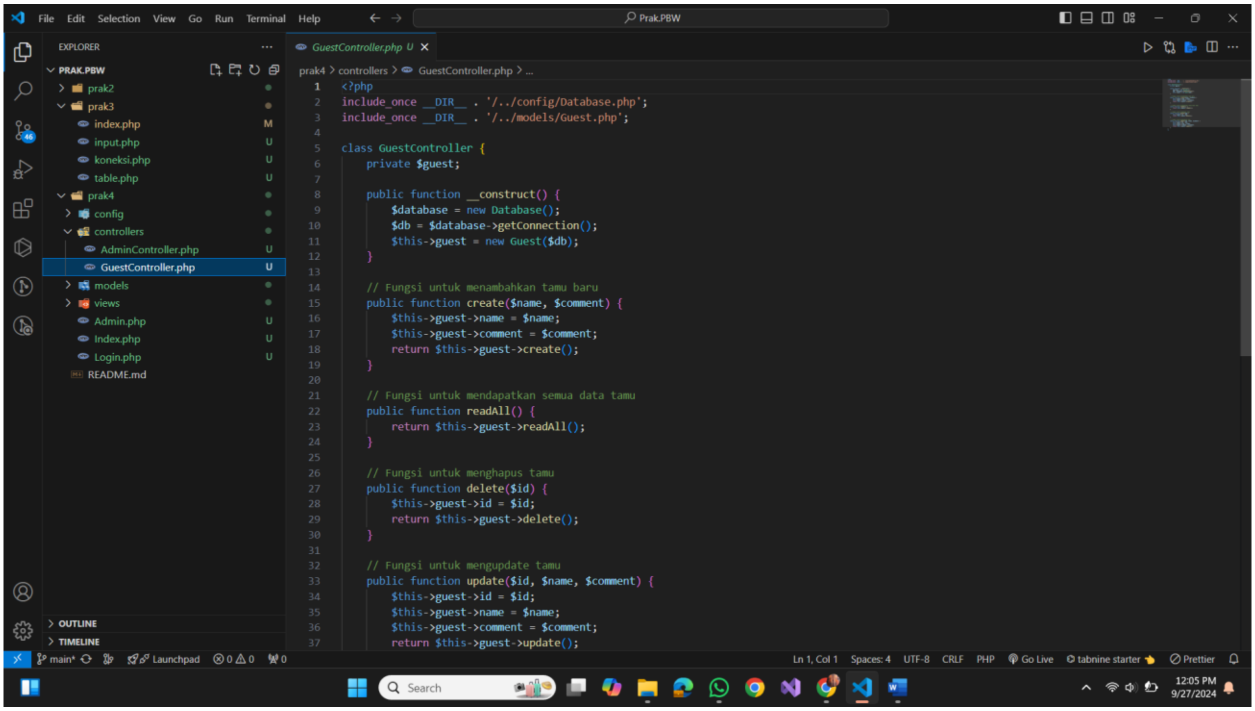
```php
<?php

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();
    }
}
?>
```

spawn EINVAL

Source: PHP Language Features

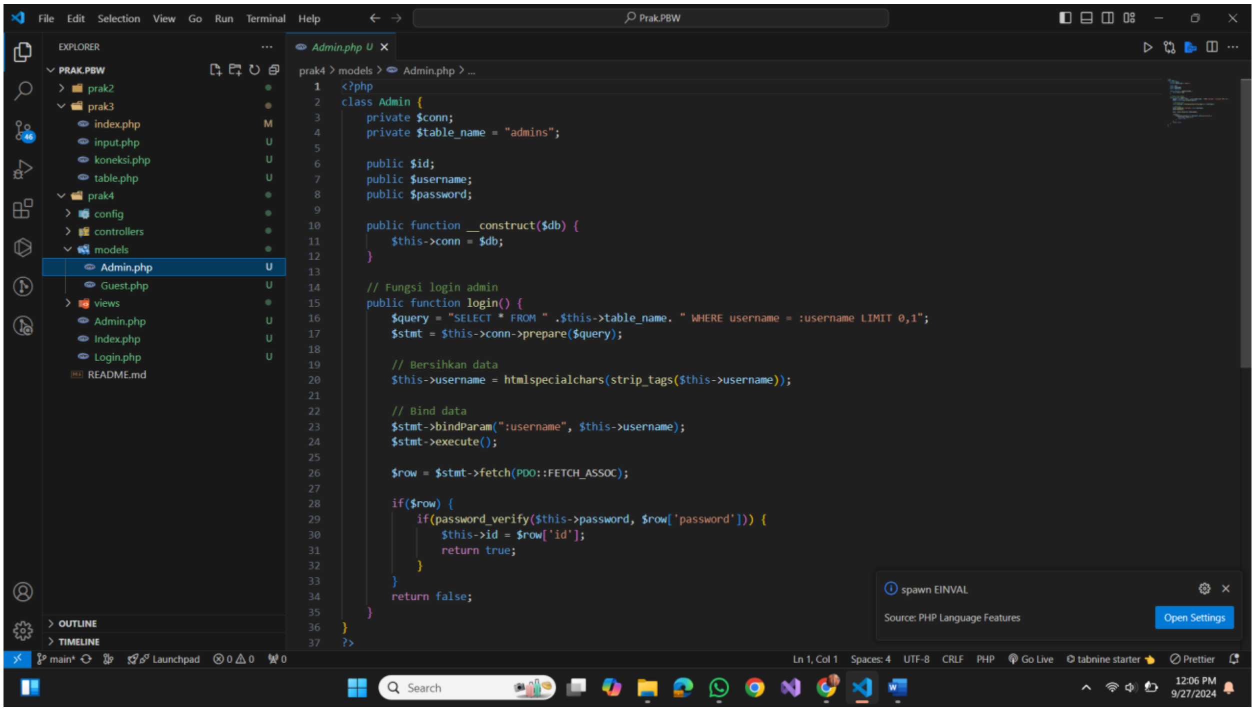
Open Settings

/controller/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();
```

/models/Admin.php

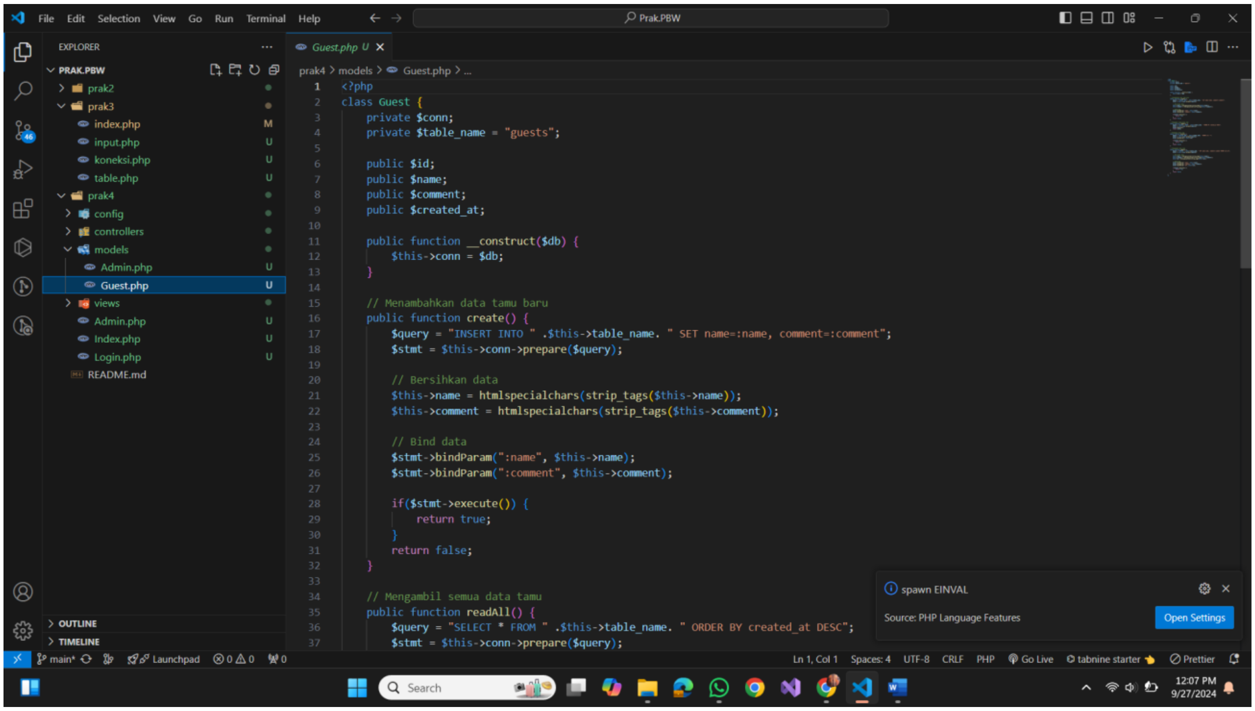


```php
<?php
class Admin {
    private $conn;
    private $table_name = "admins";

    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'])) {
                $this->id = $row['id'];
                return true;
            }
        }
        return false;
    }
}
?>
```

spawn EINVAL

Source: PHP Language Features

/Admin/Guest.php

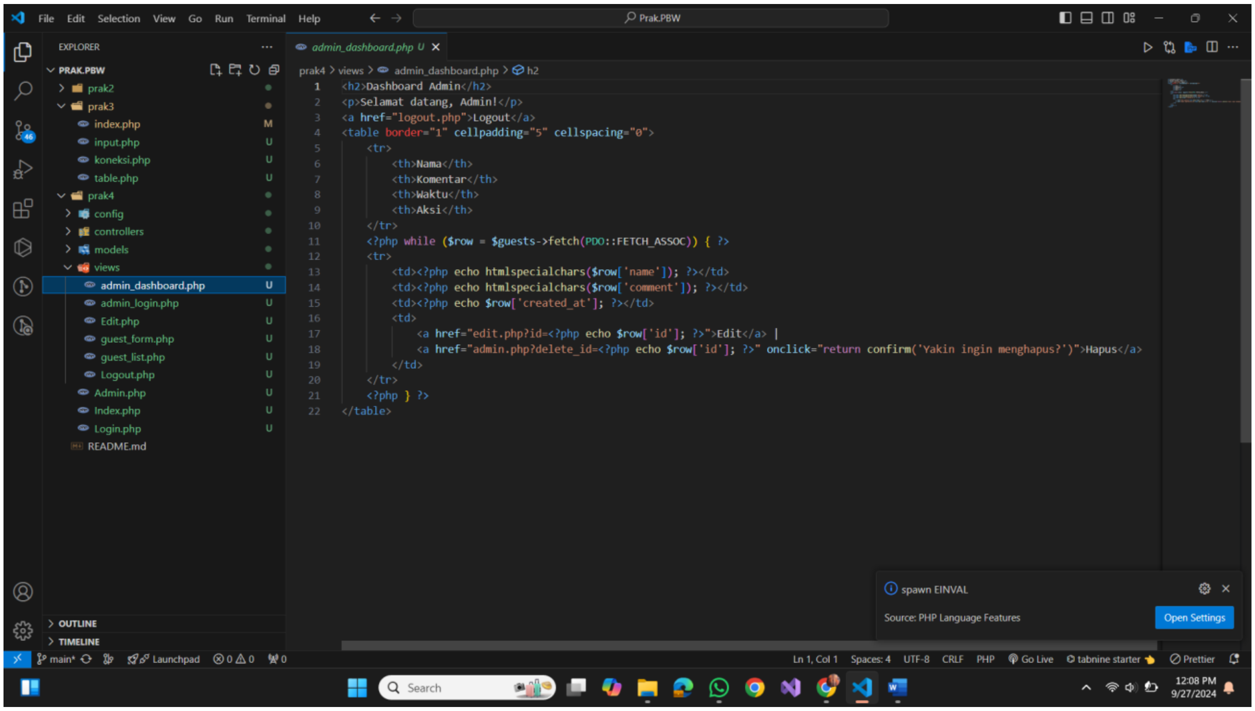


```php
<?php
class Guest {
    private $conn;
    private $table_name = "guests";

    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);
```

spawn EINVAL

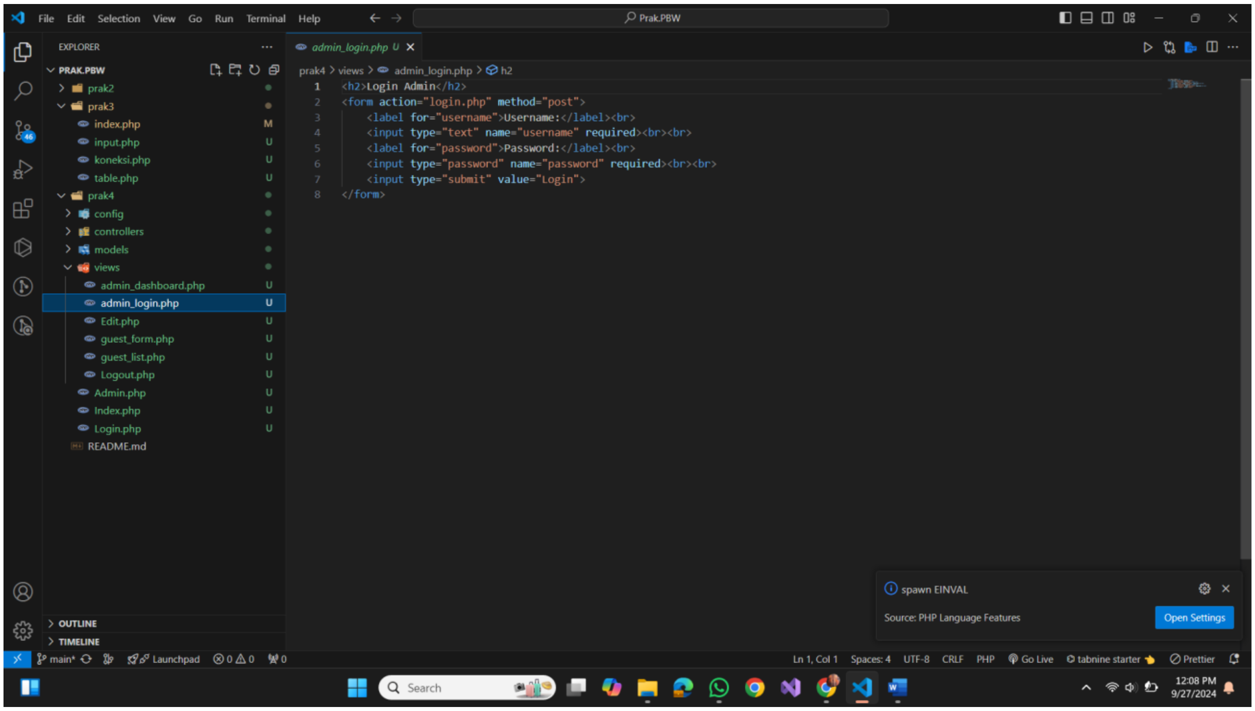
Source: PHP Language Features

/views/ admin_dashboard.php



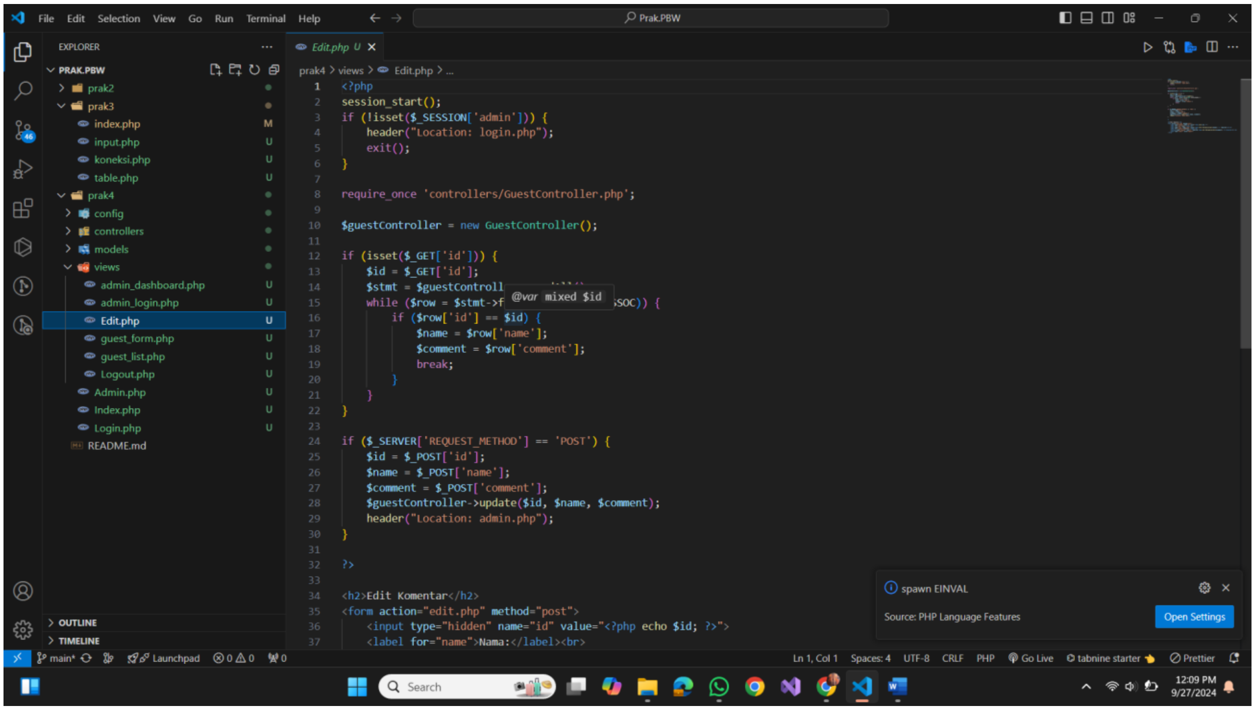
```
<h2>Dashboard Admin</h2>
<p>Selamat datang, Admin!</p>
<a href="logout.php">Logout</a>
<table border="1" cellpadding="5" cellspacing="0">
    <tr>
        <th>Nama</th>
        <th>Komentar</th>
        <th>Waktu</th>
        <th>Aksi</th>
    </tr>
    <?php while ($row = $guests->fetch(PDO::FETCH_ASSOC)) { ?>
    <tr>
        <td><?php echo htmlspecialchars($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>
```

/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>
```

/views/Edit.php



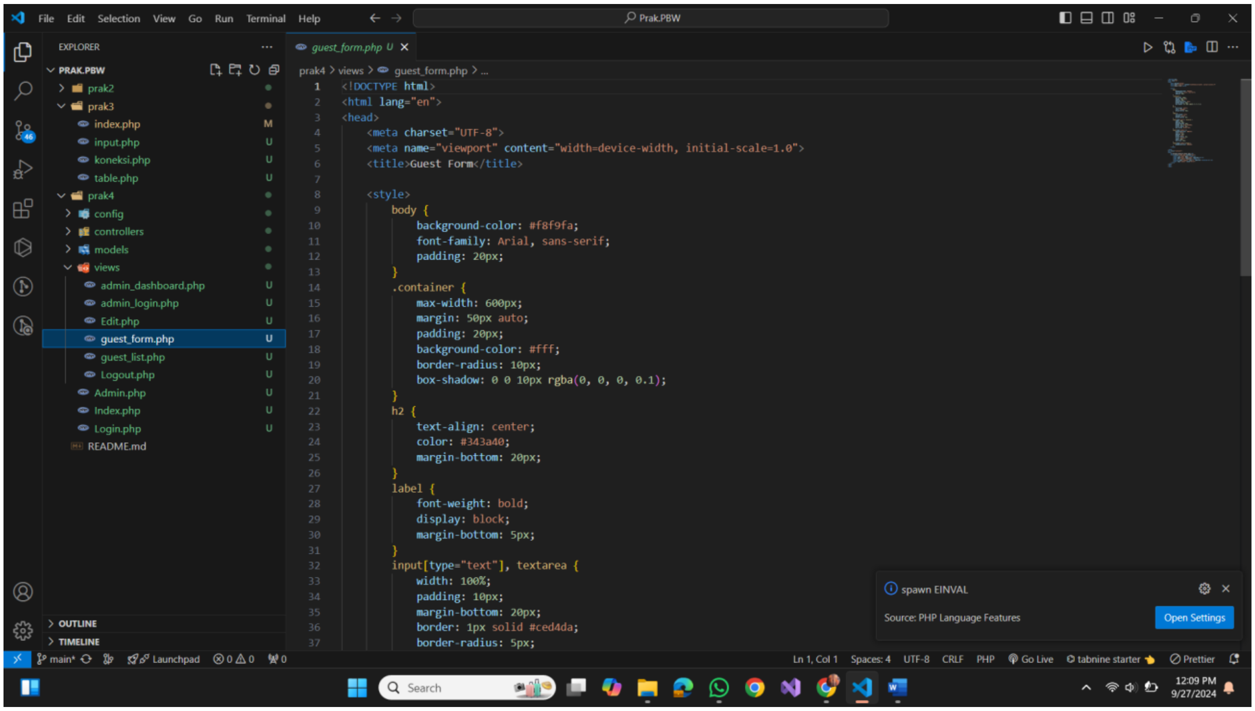
```php
<?php
session_start();
if (!isset($_SESSION['admin'])) {
    header("Location: login.php");
    exit();
}

require_once 'controllers/GuestController.php';

$guestController = new GuestController();

if (isset($_GET['id'])) {
    $id = $_GET['id'];
    $stmt = $guestControll
    while ($row = $stmt->f                    SOC)) {
        if ($row['id'] == $id) {
            $name = $row['name'];
            $comment = $row['comment'];
            break;
        }
    }
}

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

?>

<h2>Edit Komentar</h2>
<form action="edit.php" method="post">
    <input type="hidden" name="id" value="<?php echo $id; ?>">
    <label for="name">Nama:</label><br>
```

spawn EINVAL

Source: PHP Language Features

Open Settings

/views/guest_form.php



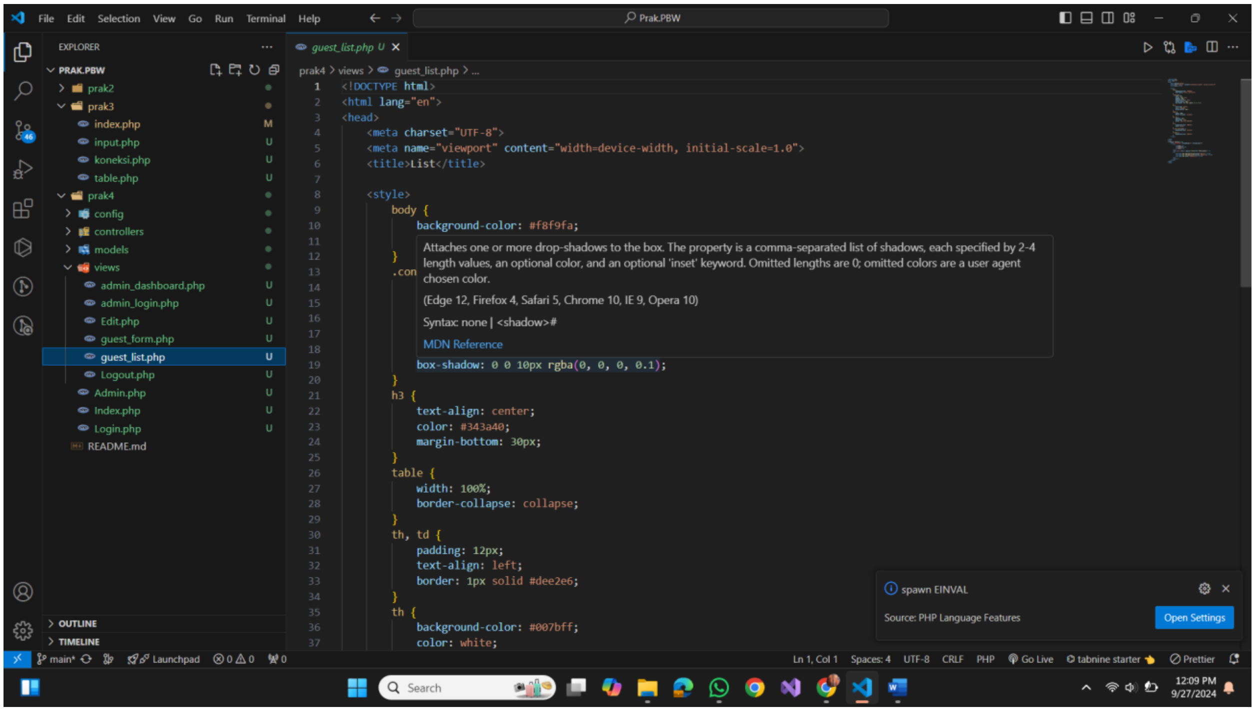
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Guest Form</title>

    <style>
        body {
            background-color: #f8f9fa;
            font-family: Arial, sans-serif;
            padding: 20px;
        }
        .container {
            max-width: 600px;
            margin: 50px auto;
            padding: 20px;
            background-color: #fff;
            border-radius: 10px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }
        h2 {
            text-align: center;
            color: #343a40;
            margin-bottom: 20px;
        }
        label {
            font-weight: bold;
            display: block;
            margin-bottom: 5px;
        }
        input[type="text"], textarea {
            width: 100%;
            padding: 10px;
            margin-bottom: 20px;
            border: 1px solid #ced4da;
            border-radius: 5px;
```

spawn EINVAL

Source: PHP Language Features

Open Settings

/views/guest_list.php



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>List</title>

    <style>
        body {
            background-color: #f8f9fa;

        }
        .con
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }
        h3 {
            text-align: center;
            color: #343a40;
            margin-bottom: 30px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        th, td {
            padding: 12px;
            text-align: left;
            border: 1px solid #dee2e6;
        }
        th {
            background-color: #007bff;
            color: white;
```

Attaches one or more drop-shadows to the box. The property is a comma-separated list of shadows, each specified by 2-4 length values, an optional color, and an optional 'inset' keyword. Omitted lengths are 0; omitted colors are a user agent chosen color.

(Edge 12, Firefox 4, Safari 5, Chrome 10, IE 9, Opera 10)

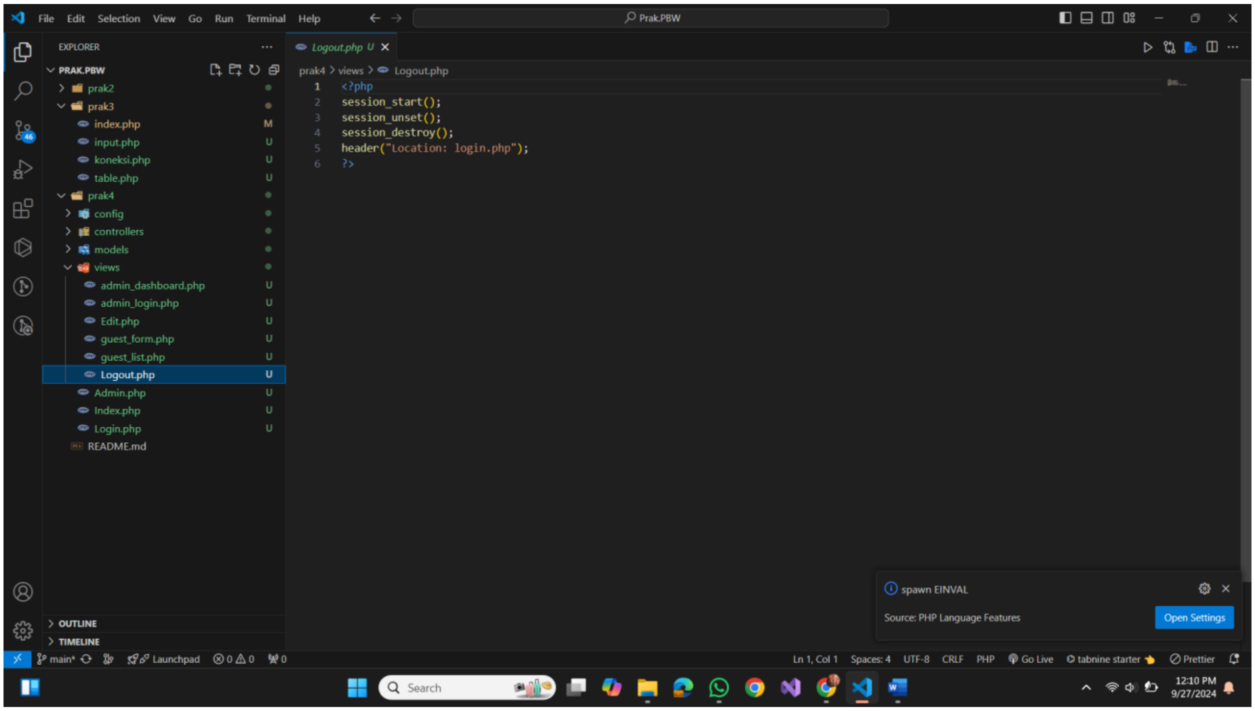
Syntax: none | <shadow>#

MDN Reference

spawn EINVAL

Source: PHP Language Features

/views/logout.php

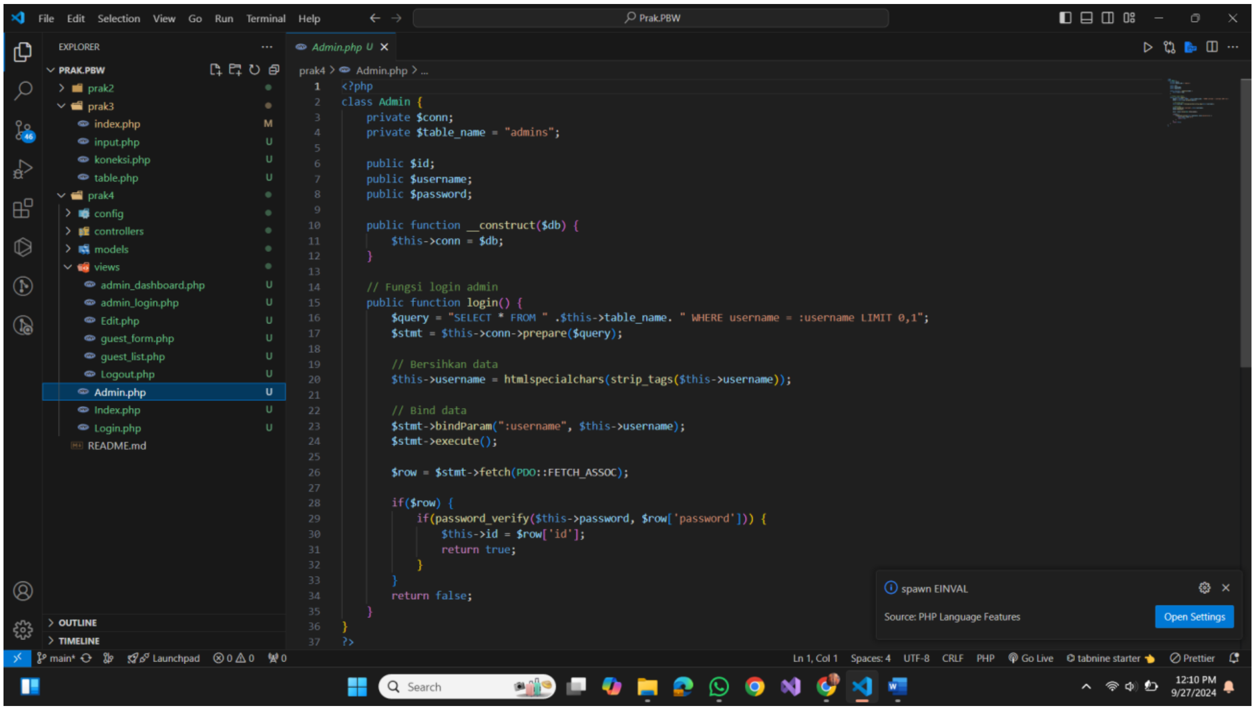


```
<?php
session_start();
session_unset();
session_destroy();
header("Location: login.php");
?>
```

spawn EINVAL

Source: PHP Language Features

Admin.php

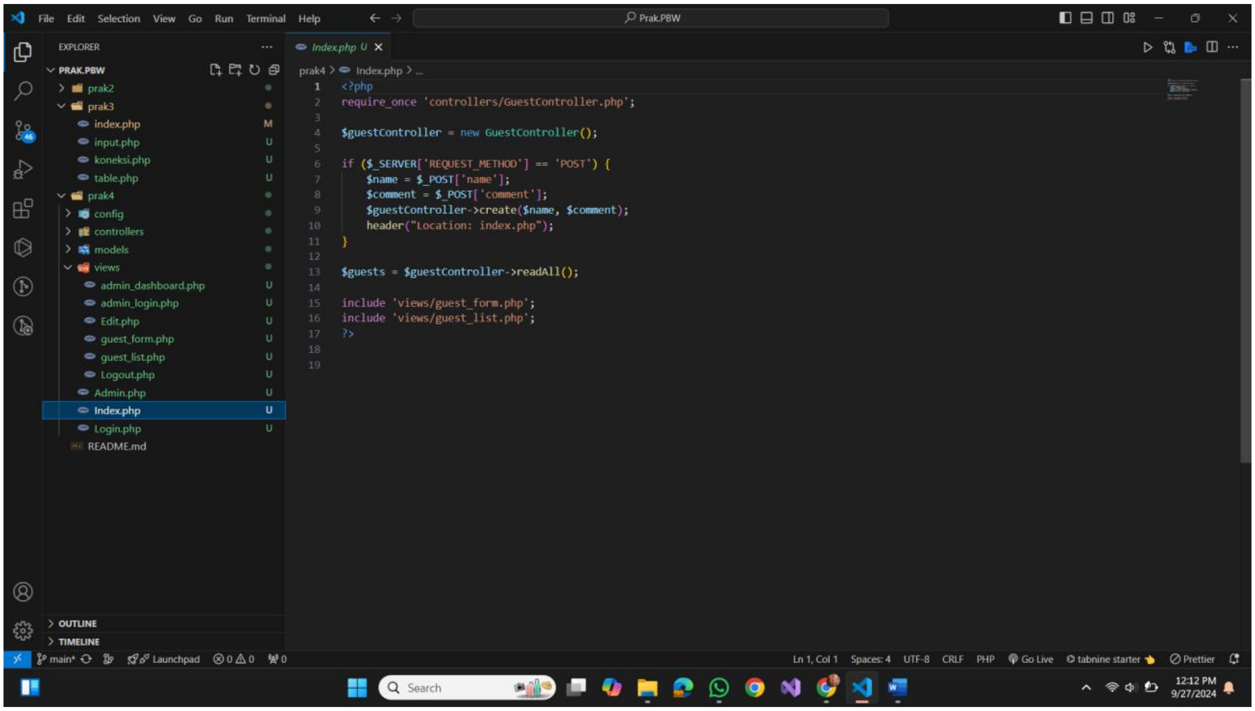


```php
<?php
class Admin {
    private $conn;
    private $table_name = "admins";

    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'])) {
                $this->id = $row['id'];
                return true;
            }
        }
        return false;
    }
}
?>
```

spawn EINVAL

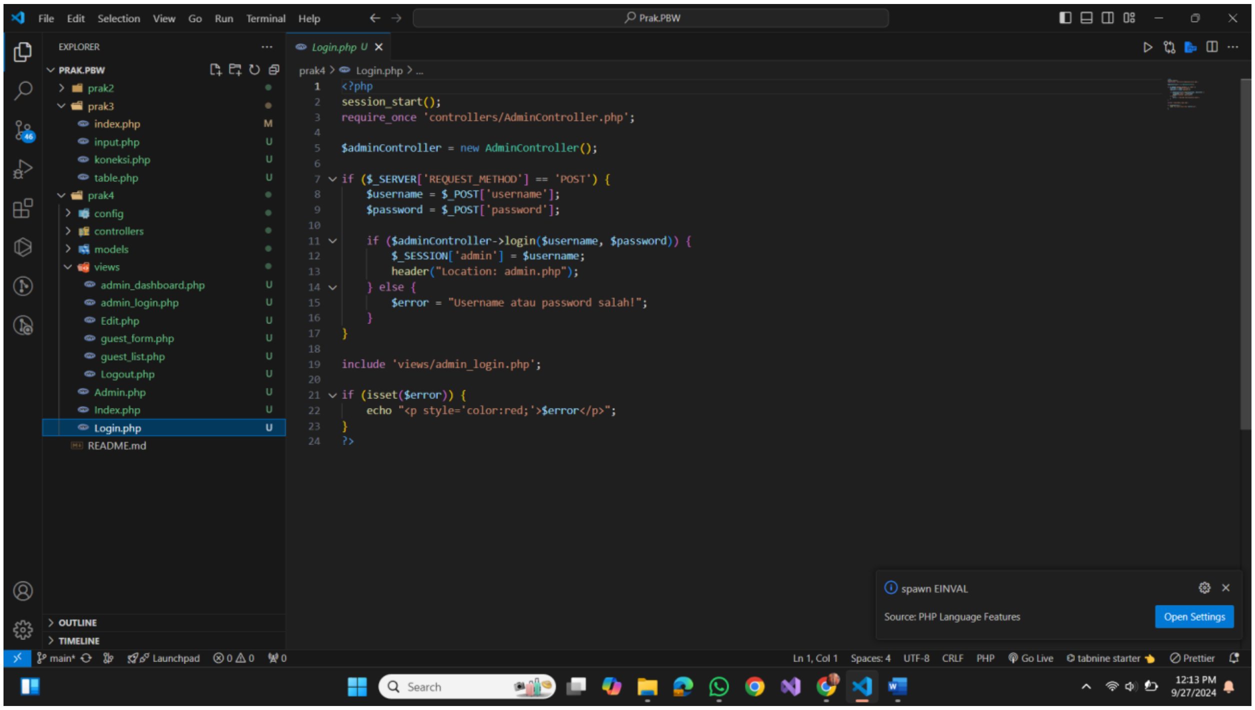
Source: PHP Language Features

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';
?>
```

Login.php

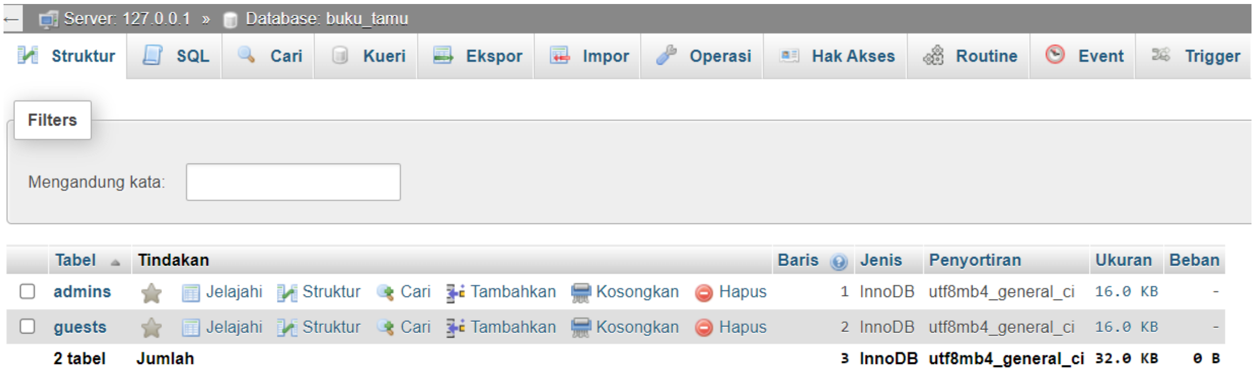


```php
<?php
session_start();
require_once 'controllers/AdminController.php';

$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>";
}
?>
```

spawn EINVAL

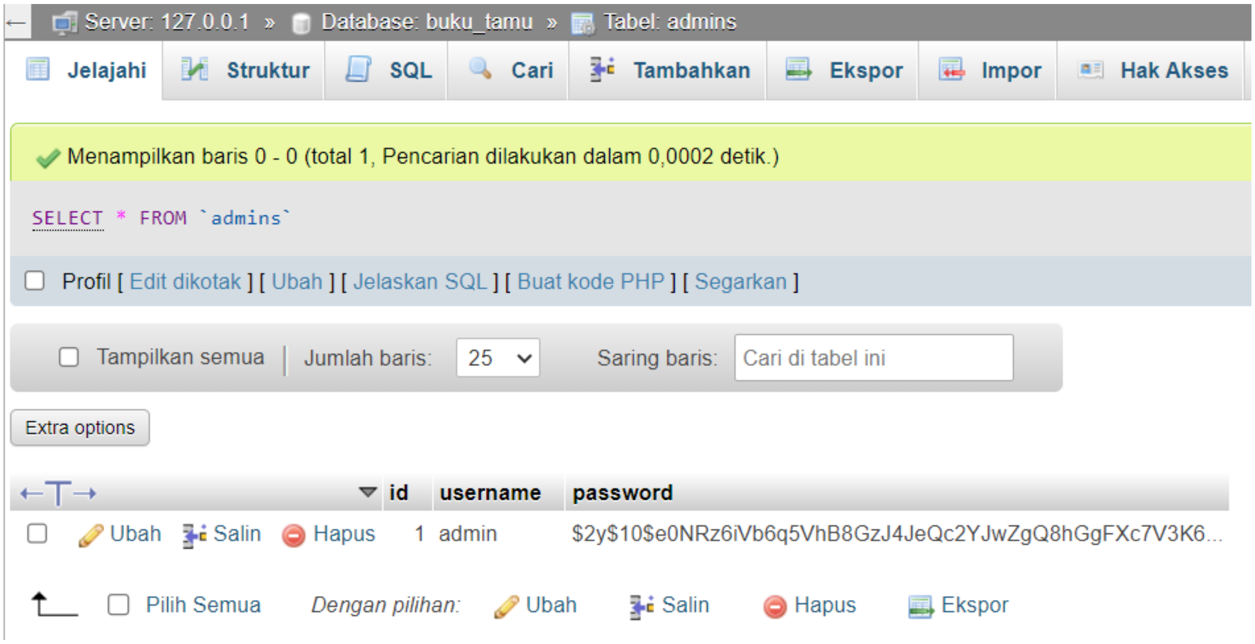
Source: PHP Language Features

Database:



Mengandung kata:

	Tabel	Tindakan							Baris	Jenis	Penyortiran	Ukuran	Beban
□	admins	☆	Jelajahi	Struktur	Cari	Tambahkan	Kosongkan	Hapus	1	InnoDB	utf8mb4_general_ci	16.0 KB	-
□	guests	☆	Jelajahi	Struktur	Cari	Tambahkan	Kosongkan	Hapus	2	InnoDB	utf8mb4_general_ci	16.0 KB	-
	2 tabel	Jumlah							3	InnoDB	utf8mb4_general_ci	32.0 KB	0 B

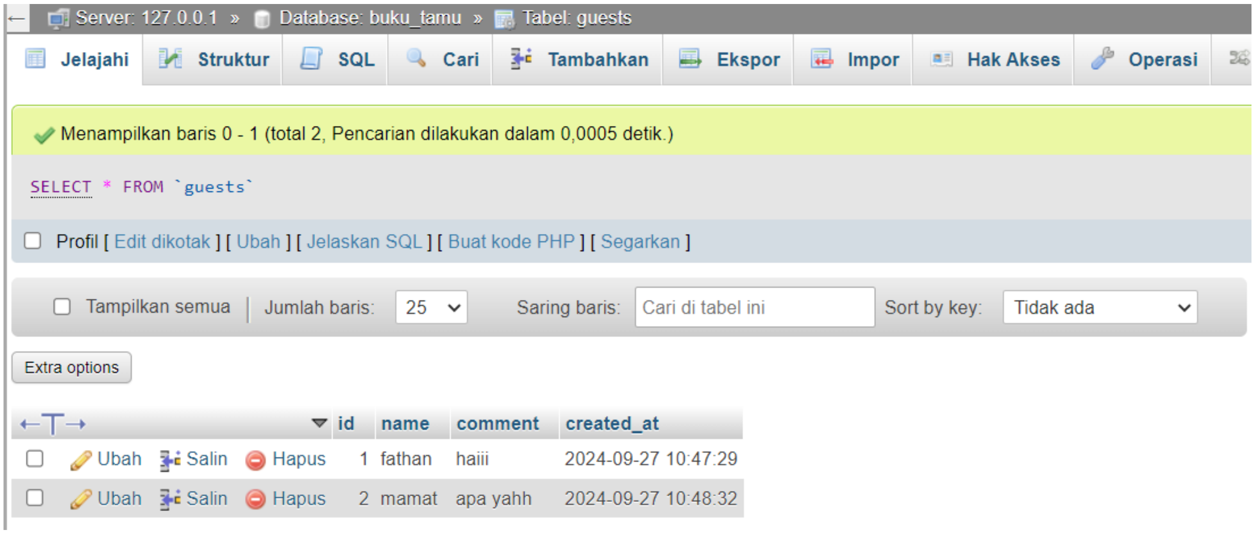

Server: 127.0.0.1 » Database: buku_tamu » Tabel: admins
Jelajahi
Struktur
SQL
Cari
Tambahkan
Ekspor
Impor
Hak Akses
Profil [Edit dikotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Segarkan]
Extra options
Pilih Semua
Dengan pilihan:
Ubah
Salin
Hapus
Ekspor

✓ Menampilkan baris 0 - 0 (total 1, Pencarian dilakukan dalam 0,0002 detik.)

```
SELECT * FROM `admins`
```

□ Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

	id	username	password
□ Ubah Salin Hapus	1	admin	$2y$10$e0NRz6iVb6q5VhB8GzJ4JeQc2YJwZgQ8hGgFXc7V3K6...


Server: 127.0.0.1 » Database: buku_tamu » Tabel: guests
Jelajahi
Struktur
SQL
Cari
Tambahkan
Ekspor
Impor
Hak Akses
Operasi
Profil [Edit dikotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Segarkan]
Extra options

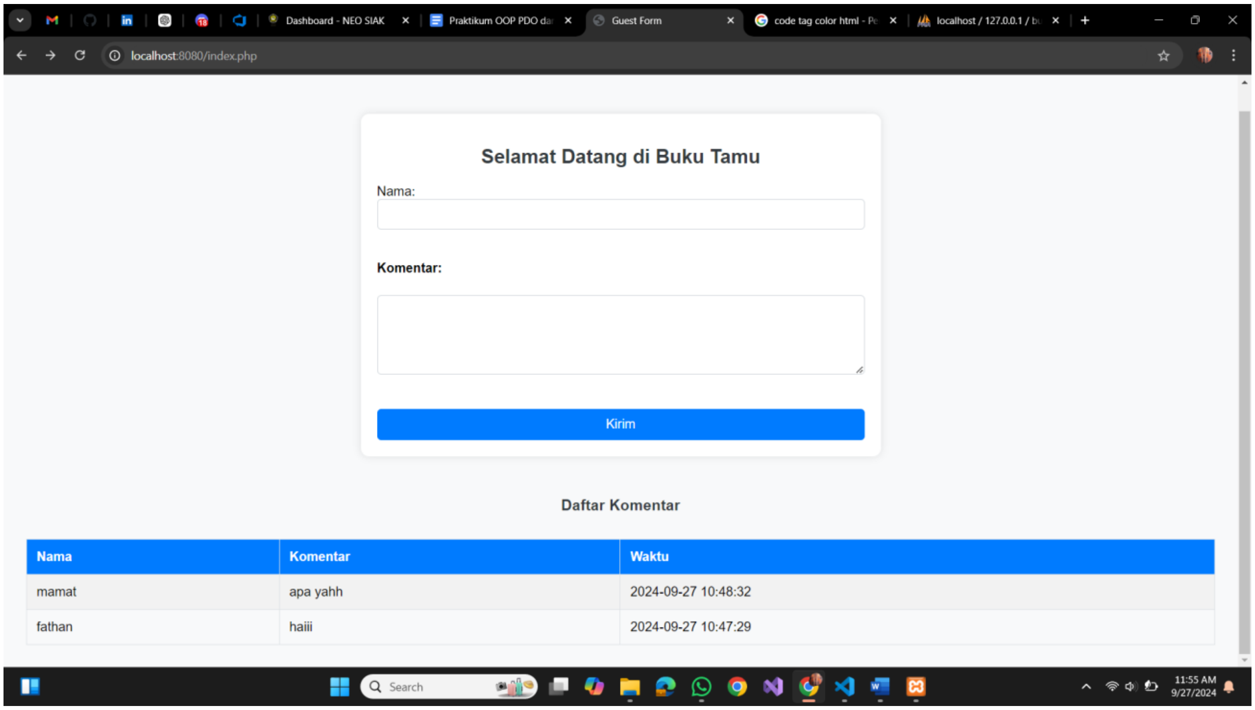
✓ Menampilkan baris 0 - 1 (total 2, Pencarian dilakukan dalam 0,0005 detik.)

```
SELECT * FROM `guests`
```

□ Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini | Sort by key: Tidak ada

	id	name	comment	created_at
□ Ubah Salin Hapus	1	fathan	haiii	2024-09-27 10:47:29
□ Ubah Salin Hapus	2	mamat	apa yahh	2024-09-27 10:48:32

Hasil Run:



Selamat Datang di Buku Tamu

Nama:

Komentar:

Daftar Komentar

Nama	Komentar	Waktu
mamat	apa yahh	2024-09-27 10:48:32
fathan	haiii	2024-09-27 10:47:29