

TUGAS UAS

Database Checklist Kebersihan Toilet



Disusun oleh:

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Membuat data base db_checklist

- Users
CREATE TABLE IF NOT EXISTS `db_checklist`.`users` (
`id` INT NOT NULL AUTO_INCREMENT,
`username` VARCHAR(100) NULL,
`password` VARCHAR(100) NULL,
`nama` VARCHAR(200) NULL,
`email` VARCHAR(200) NULL,
`status` TINYINT(1) NULL,
`role` TINYINT(1) NULL DEFAULT 2 COMMENT '1:Admin\n2:User',
PRIMARY KEY (`id`),
UNIQUE INDEX `username_UNIQUE` (`username` ASC),
UNIQUE INDEX `email_UNIQUE` (`email` ASC))
ENGINE = InnoDB
- Checklist
CREATE TABLE IF NOT EXISTS `db_checklist`.`toilet` (
`id` INT NOT NULL AUTO_INCREMENT,
`lokasi` VARCHAR(45) NULL,
`keterangan` VARCHAR(45) NULL,
PRIMARY KEY (`id`))
ENGINE = InnoDB
- Toilet
CREATE TABLE IF NOT EXISTS `db_checklist`.`checklist` (
`id` INT NOT NULL AUTO_INCREMENT,
`tanggal` DATETIME NULL,
`toilet_id` INT NOT NULL,
`kloset` TINYINT(1) NULL,
`wastafel` TINYINT(1) NULL,
`lantai` TINYINT(1) NULL,
`dinding` TINYINT(1) NULL,

```

`kaca` TINYINT(1) NULL,
`bau` TINYINT(1) NULL,
`sabun` TINYINT(1) NULL,
`users_id` INT NOT NULL,
PRIMARY KEY (`id`),
INDEX `fk_checklist_toilet_idx` (`toilet_id` ASC),
INDEX `fk_checklist_users1_idx` (`users_id` ASC),
CONSTRAINT `fk_checklist_toilet`
FOREIGN KEY (`toilet_id`)
REFERENCES `db_checklist`.`toilet` (`id`)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `fk_checklist_users1`
FOREIGN KEY (`users_id`)
REFERENCES `db_checklist`.`users` (`id`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB

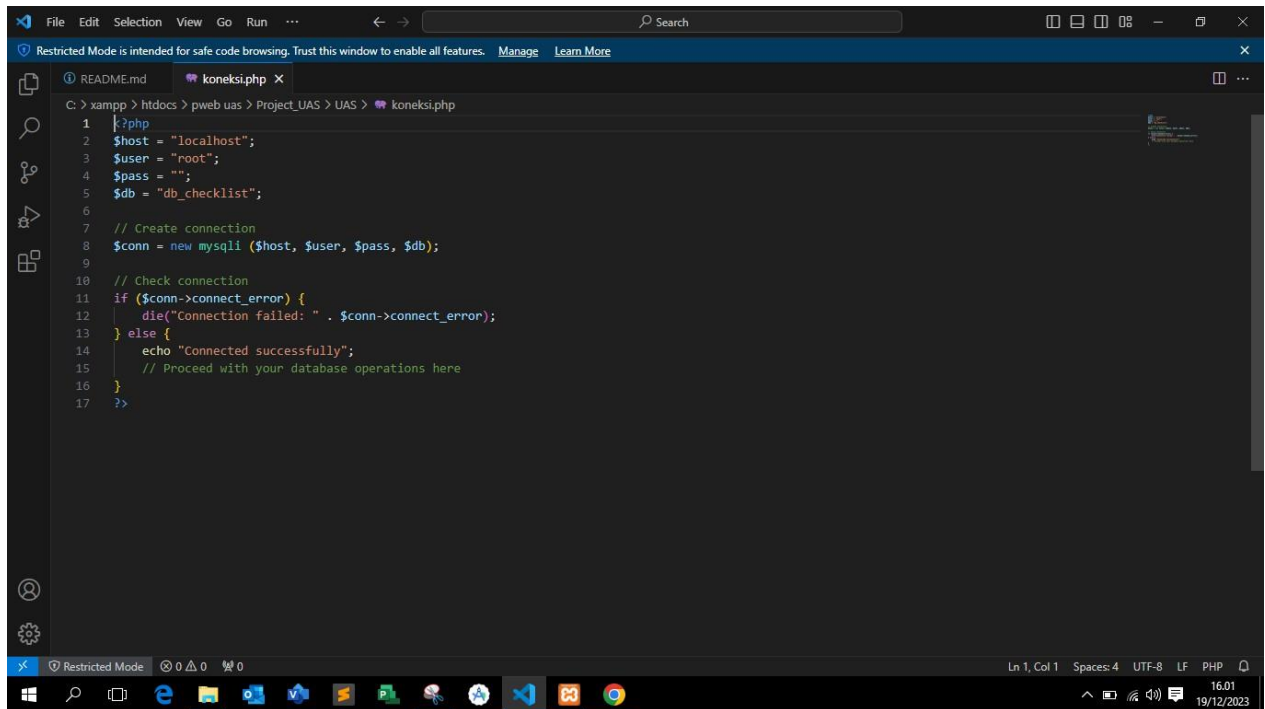
```

The screenshot shows the phpMyAdmin interface for a database named 'uas'. The 'checklist' table is selected, and its structure is displayed. The table has 3 columns: 'id', 'toilet_id', and 'users_id'. The 'users_id' column is highlighted in blue, indicating it is the primary key. The interface also shows a sidebar with a list of databases and a bottom status bar with the date 07/01/2024.

Tabel	Tindakan	Baris	Jenis	Penyortiran	Ukuran	Beban
<input type="checkbox"/> checklist		9	InnoDB	utf8mb4_general_ci	48.0 KB	-
<input type="checkbox"/> toilet		8	InnoDB	utf8mb4_general_ci	16.0 KB	-
<input type="checkbox"/> users		2	InnoDB	utf8mb4_general_ci	16.0 KB	-
3 tabel	Jumlah	19	InnoDB	utf8mb4_general_ci	80.0 KB	0 B

Below the table list, there is a 'Create new table' section with a form to create a new table. The form includes a 'Nama tabel' field and a 'Jumlah kolom' field with a value of 4. A 'Buat' button is present to create the table.

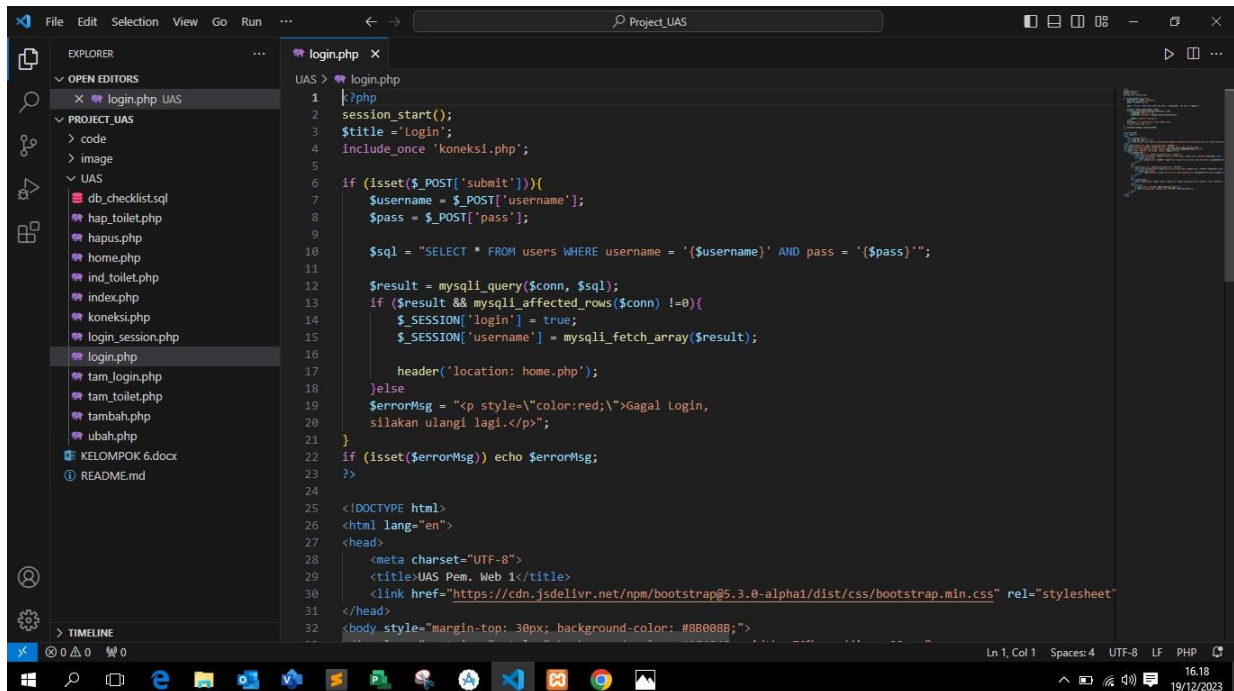
Membuat file Koneksi.php



The screenshot shows the Visual Studio Code editor with the file `koneksi.php` open. The code defines database connection variables and a function to connect to a MySQL database. The status bar at the bottom indicates the file is in UTF-8 encoding with LF line endings.

```
1 <?php
2 $host = "localhost";
3 $user = "root";
4 $pass = "";
5 $db = "db_checklist";
6
7 // Create connection
8 $conn = new mysqli ($host, $user, $pass, $db);
9
10 // Check connection
11 if ($conn->connect_error) {
12     die("Connection failed: " . $conn->connect_error);
13 } else {
14     echo "Connected successfully";
15     // Proceed with your database operations here
16 }
17 ?>
```

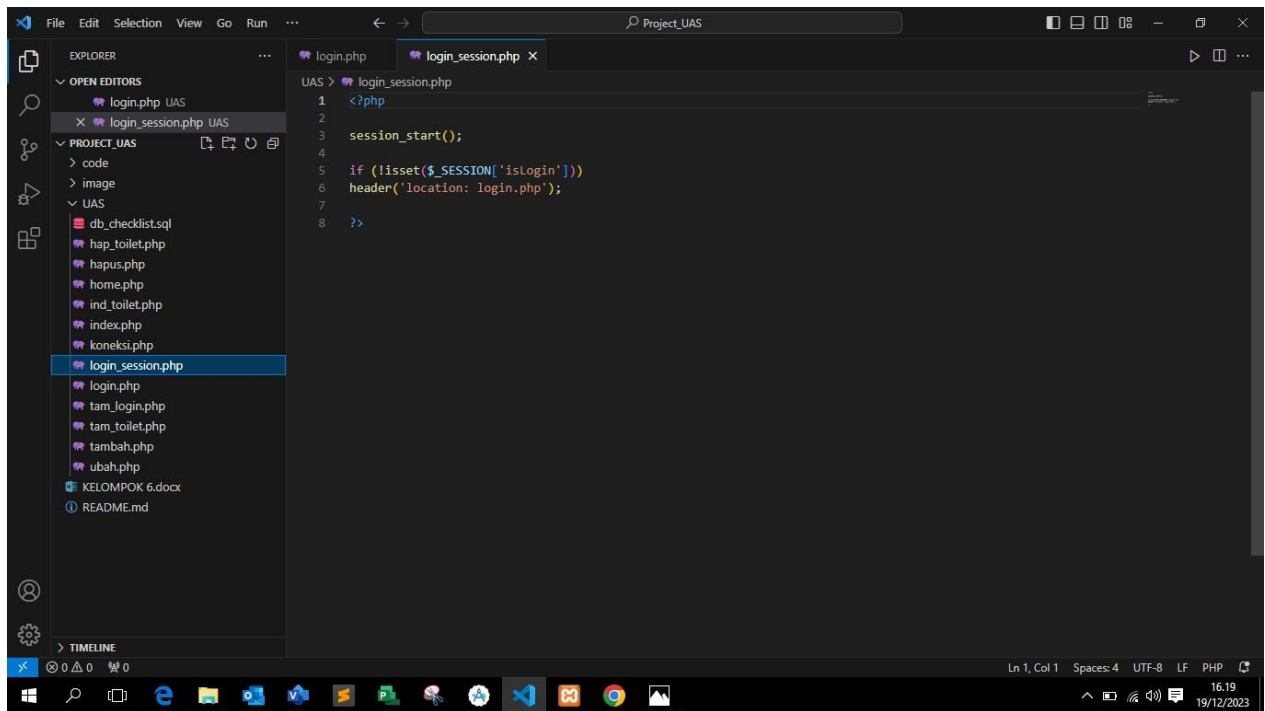
Membuat file Login.php



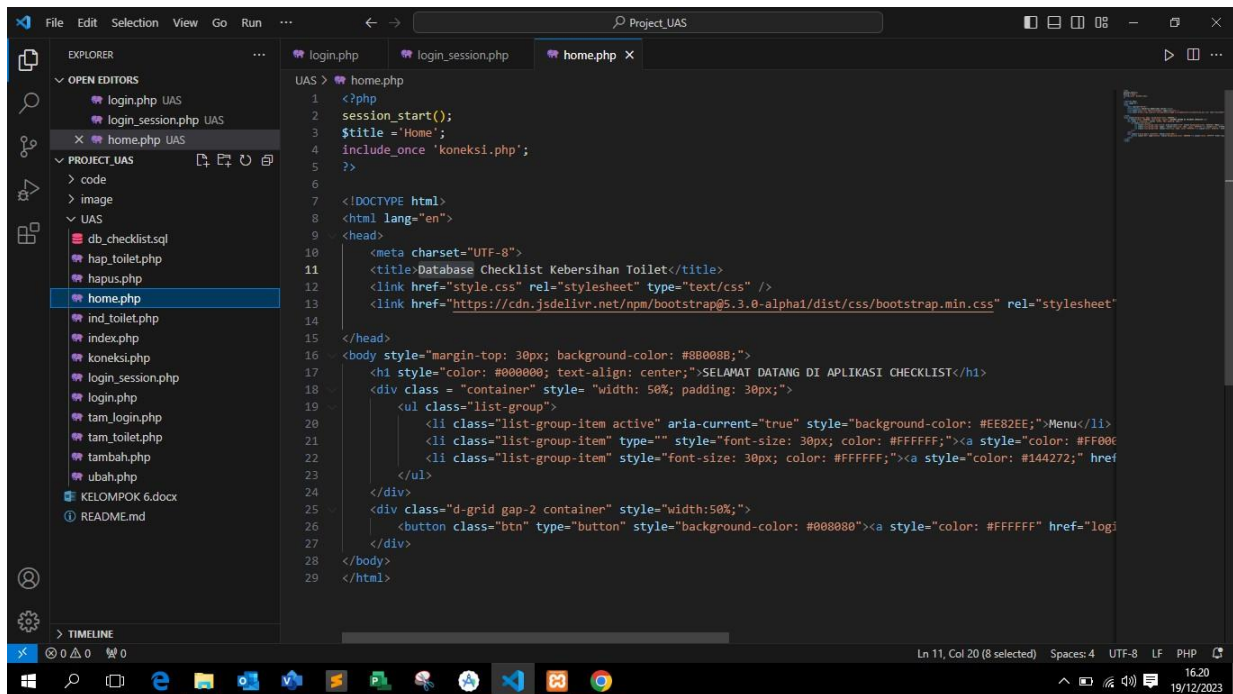
The screenshot shows the Visual Studio Code editor with the file `login.php` open. The code handles a login form submission, checks the username and password against the database, and sets a session if the login is successful. The Explorer sidebar on the left shows the project structure, including the `login.php` file. The status bar at the bottom indicates the file is in UTF-8 encoding with LF line endings.

```
1 <?php
2 session_start();
3 $title = 'Login';
4 include_once 'koneksi.php';
5
6 if (isset($_POST['submit'])) {
7     $username = $_POST['username'];
8     $pass = $_POST['pass'];
9
10     $sql = "SELECT * FROM users WHERE username = '{$username}' AND pass = '{$pass}'";
11
12     $result = mysqli_query($conn, $sql);
13     if ($result && mysqli_affected_rows($conn) != 0) {
14         $_SESSION['login'] = true;
15         $_SESSION['username'] = mysqli_fetch_array($result);
16
17         header('location: home.php');
18     } else {
19         $errorMsg = "<p style='color:red;'>Gagal Login,
20             silakan ulangi lagi.</p>";
21     }
22     if (isset($errorMsg)) echo $errorMsg;
23 }
24
25 <!DOCTYPE html>
26 <html lang="en">
27 <head>
28     <meta charset="UTF-8">
29     <title>UAS Pem. Web 1</title>
30     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet"
31 </head>
32 <body style="margin-top: 30px; background-color: #808080;">
```

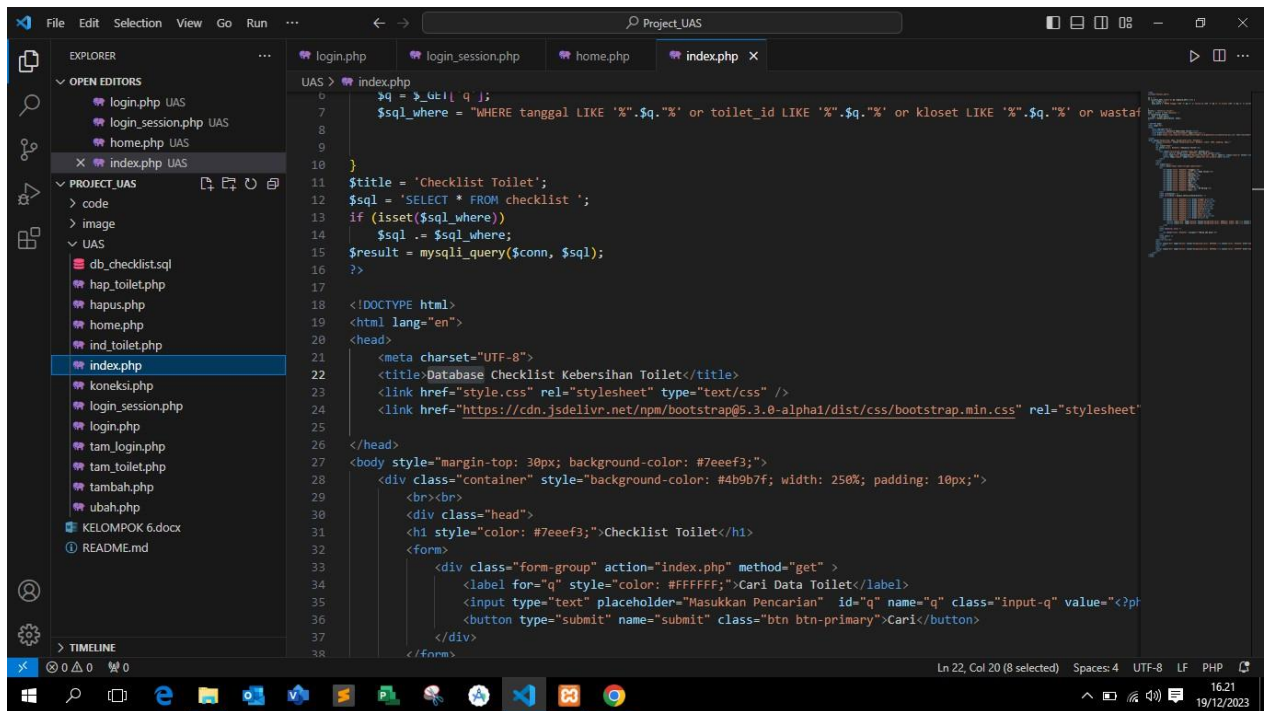
Membuat file login_session.php



Membuat file Home.php



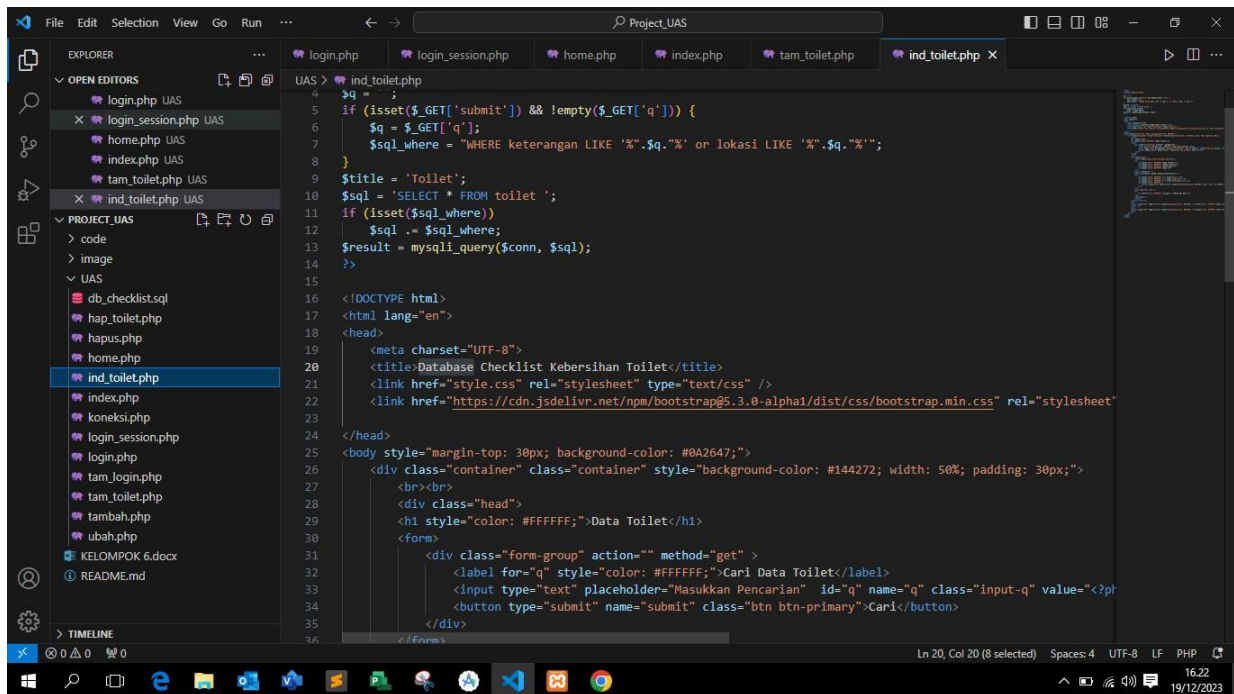
Membuat file index.php



The screenshot shows the Visual Studio Code editor with the 'index.php' file open. The Explorer sidebar on the left shows the project structure for 'Project_UAS', including files like 'login.php', 'login_session.php', 'home.php', and 'index.php'. The main editor area displays the PHP code for 'index.php', which includes a database connection, a query to fetch data from a 'checklist' table, and an HTML form using Bootstrap for a search function. The status bar at the bottom indicates the file is at line 22, column 8, with 8 spaces selected, in UTF-8 encoding, LF line endings, and PHP syntax.

```
1  <?php
2  $q = $_GET['q'];
3  $sql_where = "WHERE tanggal LIKE '%".$q."%' or toilet_id LIKE '%".$q."%' or kloset LIKE '%".$q."%' or wastafel LIKE '%".$q."%'";
4  }
5  $title = 'Checklist Toilet';
6  $sql = 'SELECT * FROM checklist ' ;
7  if (isset($sql_where))
8  {
9      $sql .= $sql_where;
10     $result = mysqli_query($conn, $sql);
11     ?>
12
13     <!DOCTYPE html>
14     <html lang="en">
15     <head>
16         <meta charset="UTF-8">
17         <title>Database Checklist Kebersihan Toilet</title>
18         <link href="style.css" rel="stylesheet" type="text/css" />
19         <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
20     </head>
21     <body style="margin-top: 30px; background-color: #7eeef3;">
22         <div class="container" style="background-color: #4b9b7f; width: 250%; padding: 10px;">
23             <br><br>
24             <div class="head">
25                 <h1 style="color: #7eeef3;">Checklist Toilet</h1>
26             </div>
27             <div class="form-group" action="index.php" method="get" >
28                 <label for="q" style="color: #FFFFFF;">Cari Data Toilet</label>
29                 <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
30                 <button type="submit" name="submit" class="btn btn-primary">Cari</button>
31             </div>
32         </div>
33     </body>
34     </html>
```

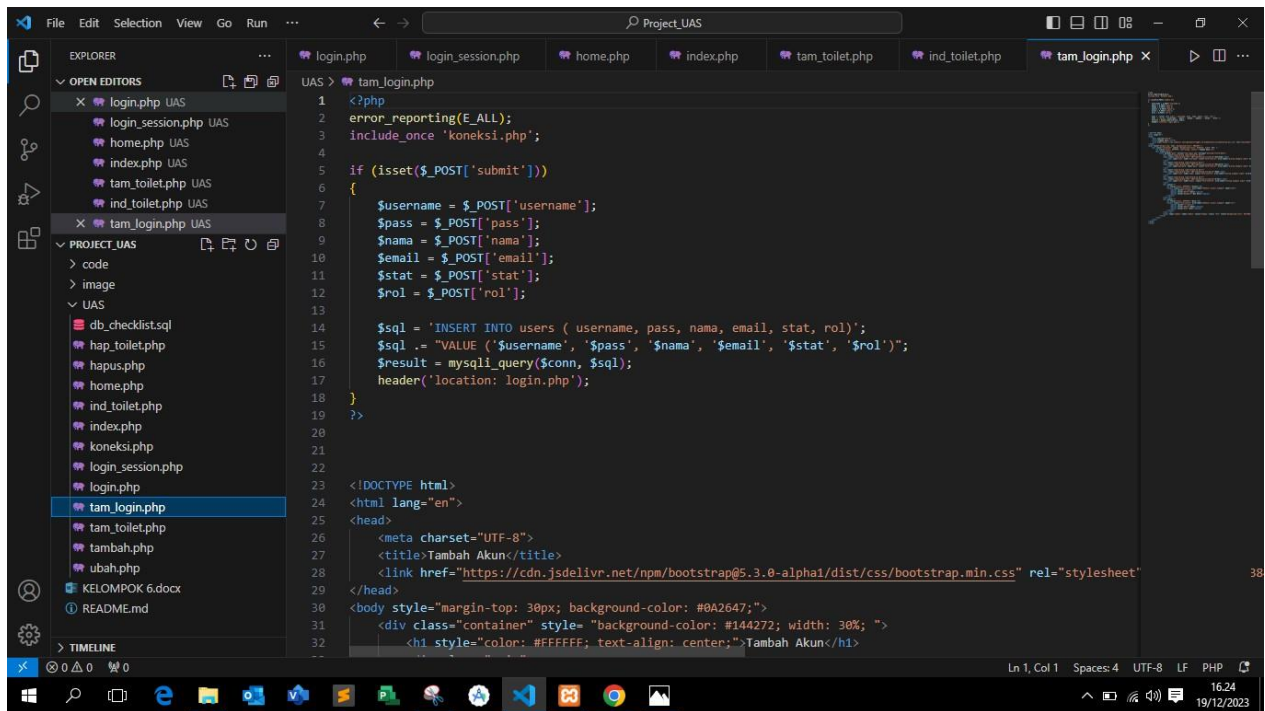
Membuat file index_toilet.php



The screenshot shows the Visual Studio Code editor with the 'ind_toilet.php' file open. The Explorer sidebar on the left shows the project structure for 'Project_UAS', including files like 'login.php', 'login_session.php', 'home.php', 'index.php', 'tam_toilet.php', and 'ind_toilet.php'. The main editor area displays the PHP code for 'ind_toilet.php', which includes a database connection, a query to fetch data from a 'toilet' table, and an HTML form using Bootstrap for a search function. The status bar at the bottom indicates the file is at line 20, column 20, with 8 spaces selected, in UTF-8 encoding, LF line endings, and PHP syntax.

```
1  <?php
2  $q = $_GET['q'];
3  if (isset($_GET['submit']) && !empty($_GET['q'])) {
4      $q = $_GET['q'];
5      $sql_where = "WHERE keterangan LIKE '%".$q."%' or lokasi LIKE '%".$q."%'";
6  }
7  $title = 'Toilet';
8  $sql = 'SELECT * FROM toilet ' ;
9  if (isset($sql_where))
10 {
11     $sql .= $sql_where;
12     $result = mysqli_query($conn, $sql);
13 }
14
15 <!DOCTYPE html>
16 <html lang="en">
17 <head>
18     <meta charset="UTF-8">
19     <title>Database Checklist Kebersihan Toilet</title>
20     <link href="style.css" rel="stylesheet" type="text/css" />
21     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
22 </head>
23 <body style="margin-top: 30px; background-color: #0A2647;">
24     <div class="container" class="container" style="background-color: #144272; width: 50%; padding: 30px;">
25         <br><br>
26         <div class="head">
27             <h1 style="color: #FFFFFF;">Data Toilet</h1>
28         </div>
29         <div class="form-group" action="" method="get" >
30             <label for="q" style="color: #FFFFFF;">Cari Data Toilet</label>
31             <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
32             <button type="submit" name="submit" class="btn btn-primary">Cari</button>
33         </div>
34     </div>
35 </body>
36 </html>
```

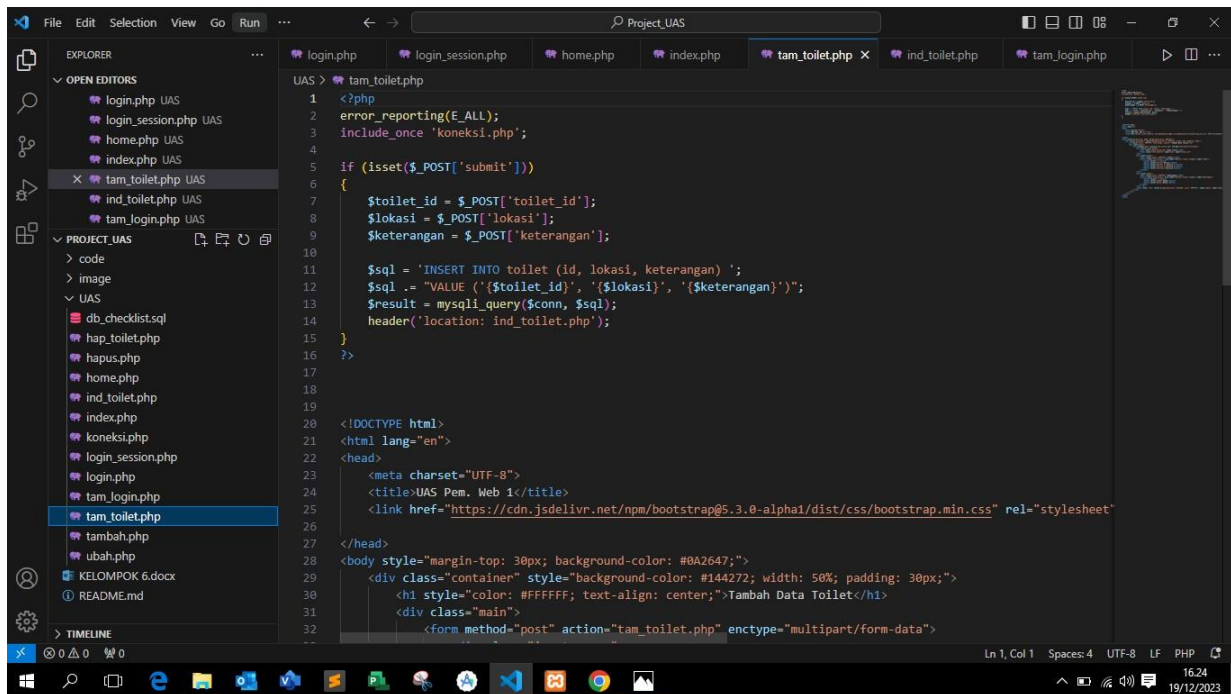

Membuat file tambah_login.php



The screenshot shows the Visual Studio Code editor with the 'Project_UAS' workspace. The Explorer panel on the left shows the file structure, with 'tam_login.php' selected under the 'UAS' folder. The main editor area displays the code for 'tam_login.php'.

```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $username = $_POST['username'];
8     $pass = $_POST['pass'];
9     $nama = $_POST['nama'];
10    $email = $_POST['email'];
11    $stat = $_POST['stat'];
12    $rol = $_POST['rol'];
13
14    $sql = 'INSERT INTO users ( username, pass, nama, email, stat, rol)';
15    $sql .= "VALUE ('$username', '$pass', '$nama', '$email', '$stat', '$rol')";
16    $result = mysqli_query($conn, $sql);
17    header('location: login.php');
18 }
19 ?>
20
21 <!DOCTYPE html>
22 <html lang="en">
23 <head>
24     <meta charset="UTF-8">
25     <title>Tambah Akun</title>
26     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
27 </head>
28 <body style="margin-top: 30px; background-color: #0A2647;">
29     <div class="container" style="background-color: #144272; width: 30%; ">
30         <h1 style="color: #FFFFFF; text-align: center;">Tambah Akun</h1>
```

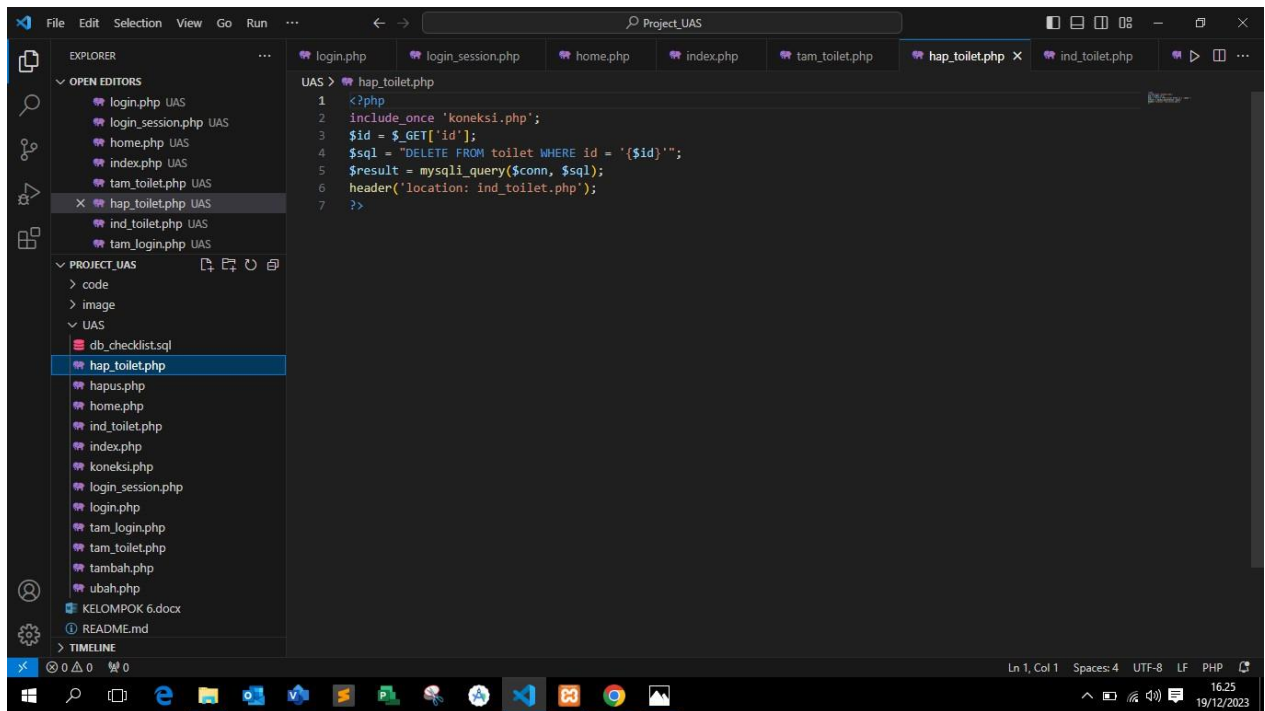
Membuat file tambah.toilet.php



The screenshot shows the Visual Studio Code editor with the 'Project_UAS' workspace. The Explorer panel on the left shows the file structure, with 'tam_toilet.php' selected under the 'UAS' folder. The main editor area displays the code for 'tam_toilet.php'.

```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $toilet_id = $_POST['toilet_id'];
8     $lokasi = $_POST['lokasi'];
9     $keterangan = $_POST['keterangan'];
10
11     $sql = 'INSERT INTO toilet (id, lokasi, keterangan) ';
12     $sql .= "VALUE ('{$toilet_id}', '{$lokasi}', '{$keterangan}')";
13     $result = mysqli_query($conn, $sql);
14     header('location: ind_toilet.php');
15 }
16 ?>
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <title>UAS Pem. Web 1</title>
23     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
24 </head>
25 <body style="margin-top: 30px; background-color: #0A2647;">
26     <div class="container" style="background-color: #144272; width: 50%; padding: 30px;">
27         <h1 style="color: #FFFFFF; text-align: center;">Tambah Data Toilet</h1>
28         <div class="main">
29             <form method="post" action="tam_toilet.php" enctype="multipart/form-data">
```

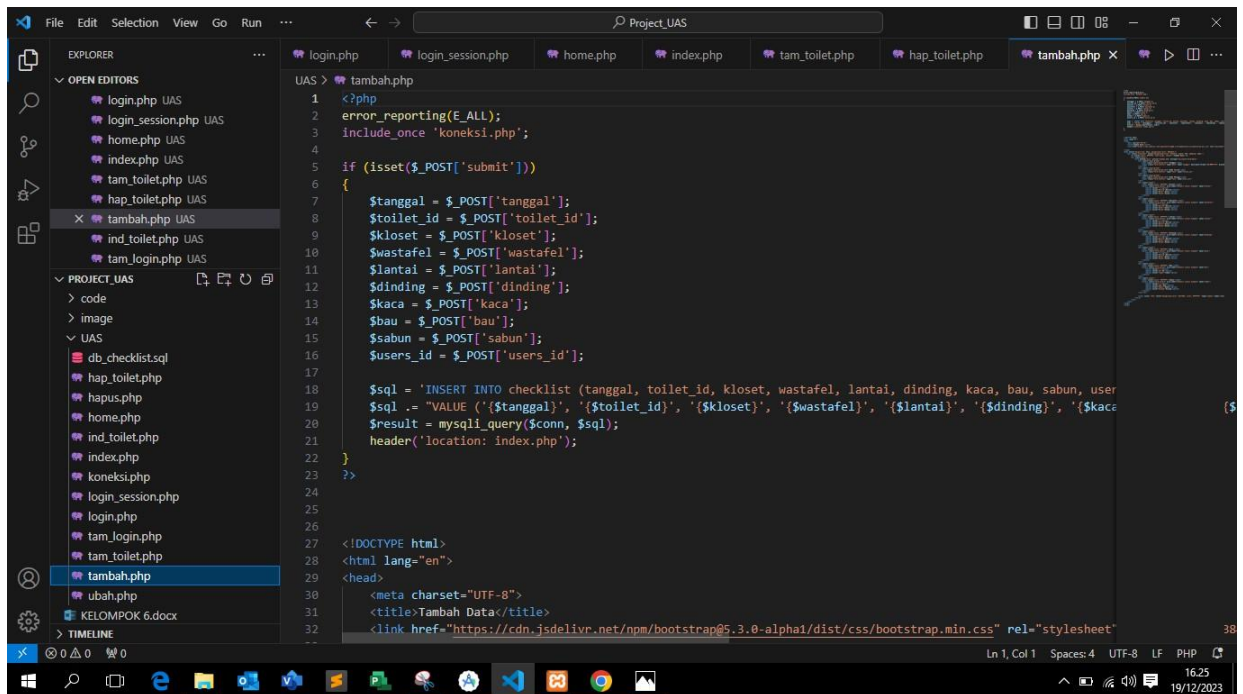
Membuat file Hapus_toilet.php



The screenshot shows the Visual Studio Code interface with a project named 'Project_UAS'. The Explorer panel on the left shows the file structure, including 'hap_toilet.php' selected under the 'UAS' folder. The main editor displays the code for 'hap_toilet.php'.

```
1 <?php
2 include_once 'koneksi.php';
3 $id = $_GET['id'];
4 $sql = "DELETE FROM toilet WHERE id = '{$id}'";
5 $result = mysqli_query($conn, $sql);
6 header('location: ind_toilet.php');
7 ?>
```

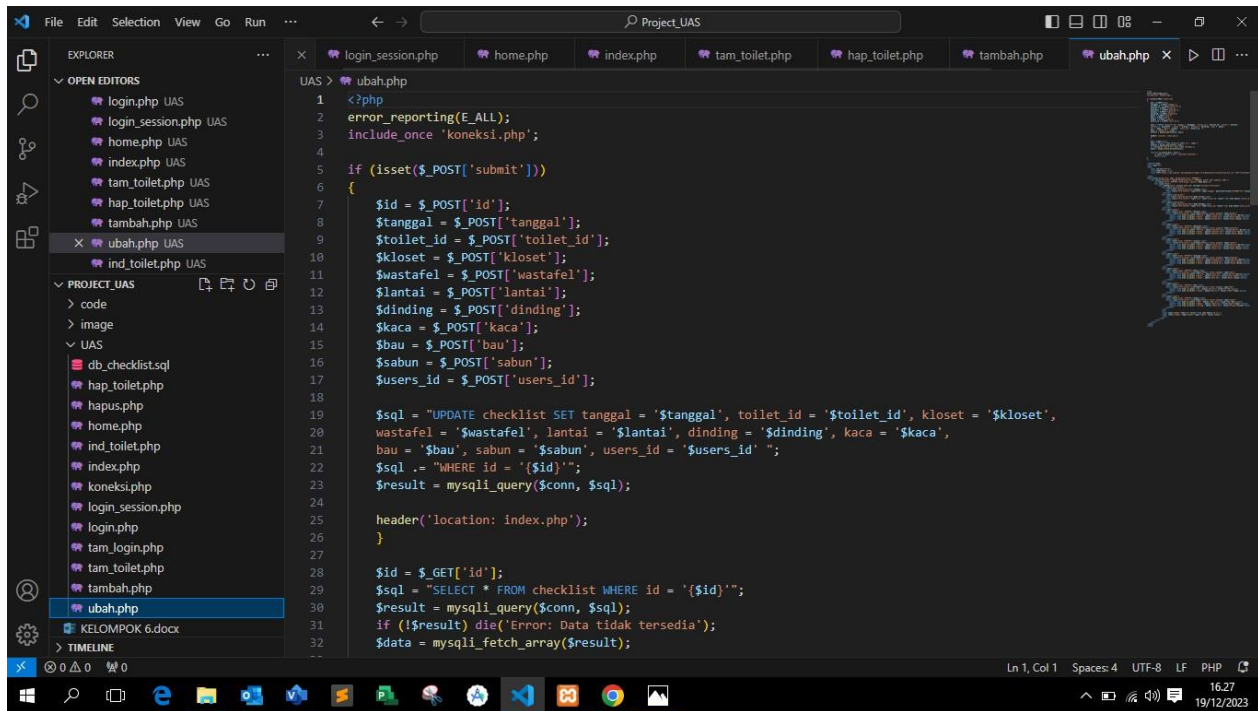
Membuat file tambah.php



The screenshot shows the Visual Studio Code interface with a project named 'Project_UAS'. The Explorer panel on the left shows the file structure, including 'tambah.php' selected under the 'UAS' folder. The main editor displays the code for 'tambah.php'.

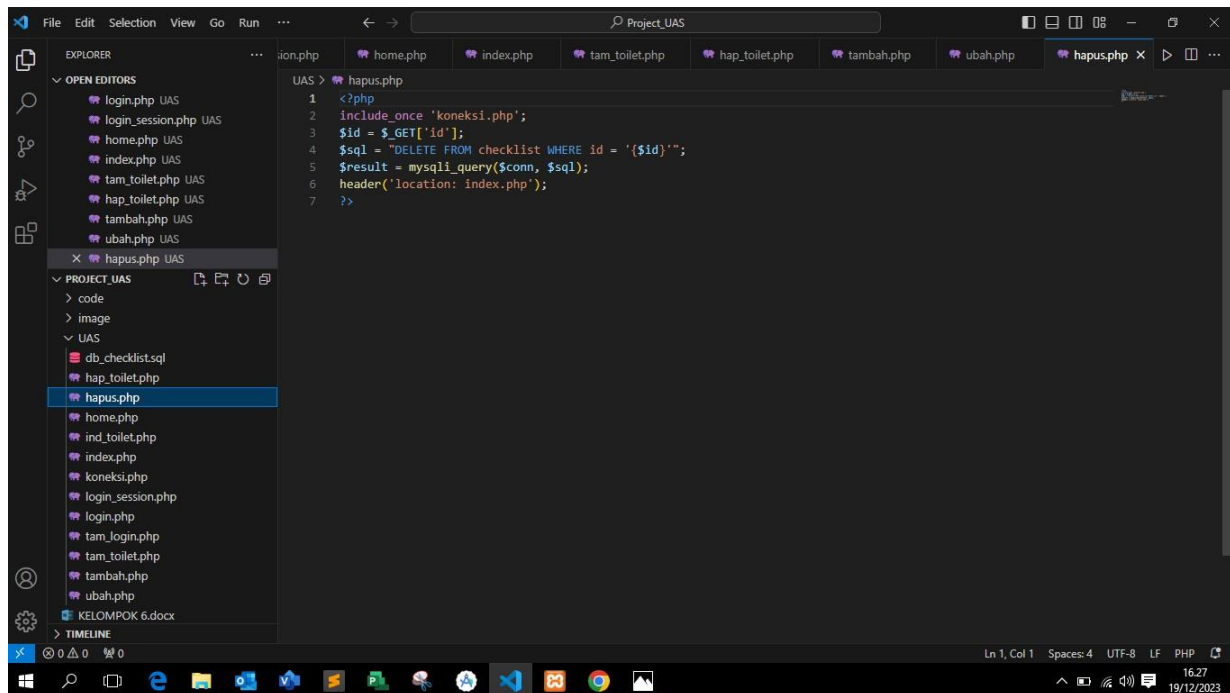
```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $tanggal = $_POST['tanggal'];
8     $toilet_id = $_POST['toilet_id'];
9     $kloset = $_POST['kloset'];
10    $wastafel = $_POST['wastafel'];
11    $lantai = $_POST['lantai'];
12    $dinding = $_POST['dinding'];
13    $kaca = $_POST['kaca'];
14    $bau = $_POST['bau'];
15    $sabun = $_POST['sabun'];
16    $users_id = $_POST['users_id'];
17
18    $sql = 'INSERT INTO checklist (tanggal, toilet_id, kloset, wastafel, lantai, dinding, kaca, bau, sabun, user
19    $sql .= "VALUE ('{$tanggal}', '{$toilet_id}', '{$kloset}', '{$wastafel}', '{$lantai}', '{$dinding}', '{$kaca' ($
20    $result = mysqli_query($conn, $sql);
21    header('location: index.php');
22 }
23 ?>
24
25 <!DOCTYPE html>
26 <html lang="en">
27 <head>
28 <meta charset="UTF-8">
29 <title>Tambah Data</title>
30 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet"
31
32
```


Membuat file ubah.php



```
1 <?php
2 error_reporting(E_ALL);
3 include_once 'koneksi.php';
4
5 if (isset($_POST['submit']))
6 {
7     $id = $_POST['id'];
8     $tanggal = $_POST['tanggal'];
9     $toilet_id = $_POST['toilet_id'];
10    $kloset = $_POST['kloset'];
11    $wastafel = $_POST['wastafel'];
12    $lantai = $_POST['lantai'];
13    $dinding = $_POST['dinding'];
14    $kaca = $_POST['kaca'];
15    $bau = $_POST['bau'];
16    $sabun = $_POST['sabun'];
17    $users_id = $_POST['users_id'];
18
19    $sql = "UPDATE checklist SET tanggal = '$tanggal', toilet_id = '$toilet_id', kloset = '$kloset',
20    wastafel = '$wastafel', lantai = '$lantai', dinding = '$dinding', kaca = '$kaca',
21    bau = '$bau', sabun = '$sabun', users_id = '$users_id' ";
22    $sql .= "WHERE id = '{$id}'";
23    $result = mysqli_query($conn, $sql);
24
25    header('location: index.php');
26 }
27
28 $id = $_GET['id'];
29 $sql = "SELECT * FROM checklist WHERE id = '{$id}'";
30 $result = mysqli_query($conn, $sql);
31 if (!$result) die('Error: Data tidak tersedia');
32 $data = mysqli_fetch_array($result);
```

Membuat file hapus.php



```
1 <?php
2 include_once 'koneksi.php';
3 $id = $_GET['id'];
4 $sql = "DELETE FROM checklist WHERE id = '{$id}'";
5 $result = mysqli_query($conn, $sql);
6 header('location: index.php');
7 >>
```