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Kelas : TI.21.B.1

Matkul: Pemograman Web

Proses pembuatan Database Checklist Kebersihan Toilet

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

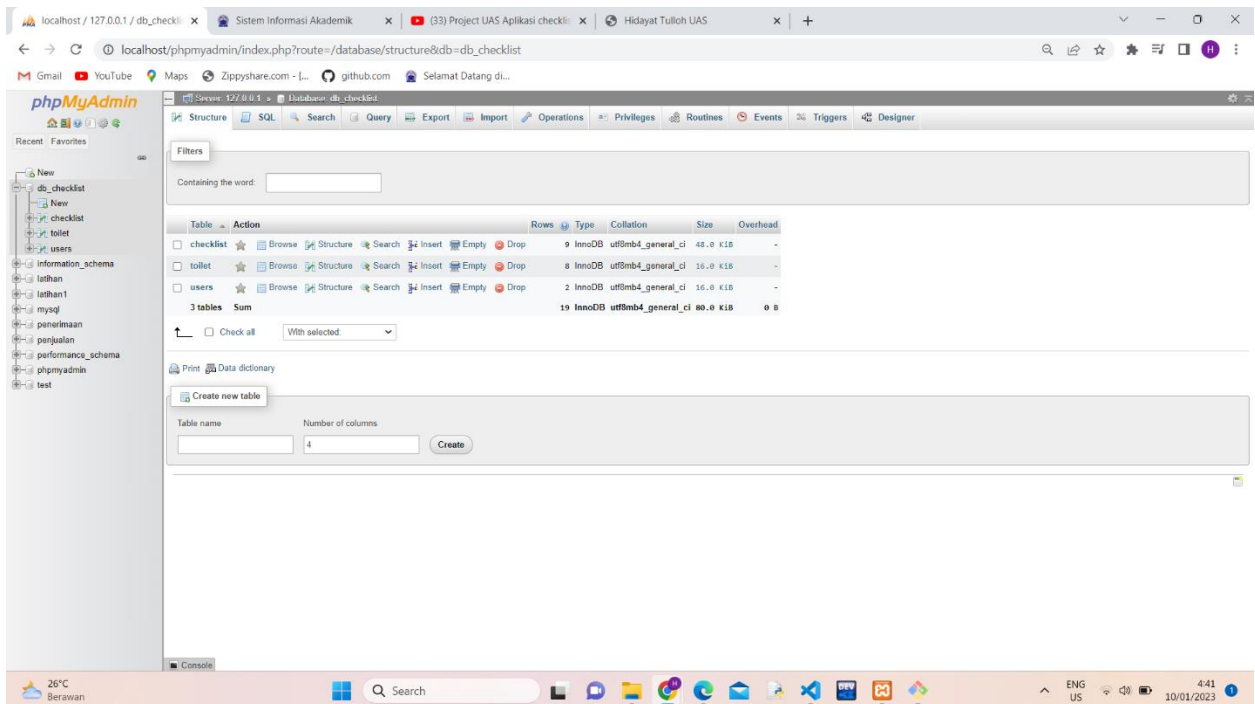
```
CREATE TABLE IF NOT EXISTS `db_checklist`.`toilet` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `lokasi` VARCHAR(45) NULL,  
  `keterangan` VARCHAR(45) NULL,  
  PRIMARY KEY (`id`))  
ENGINE = InnoDB
```
- Toilet

```
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,
```

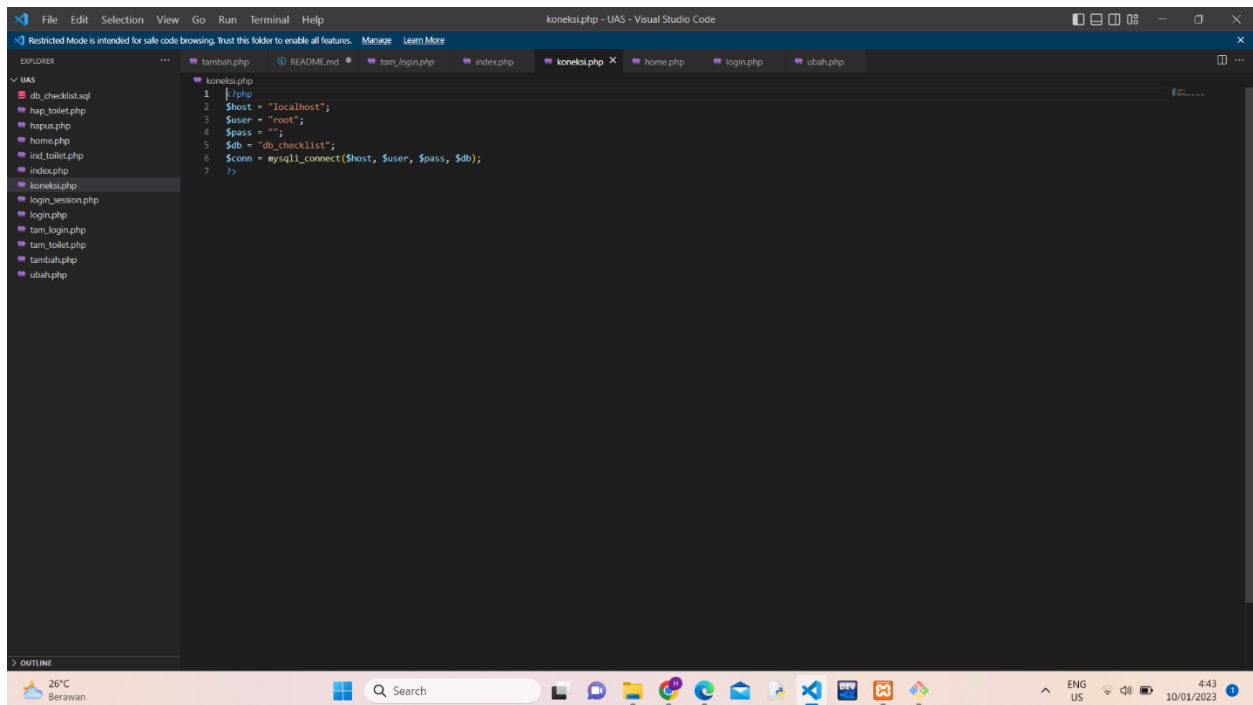
```

`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

```



Membuat file Koneksi.php

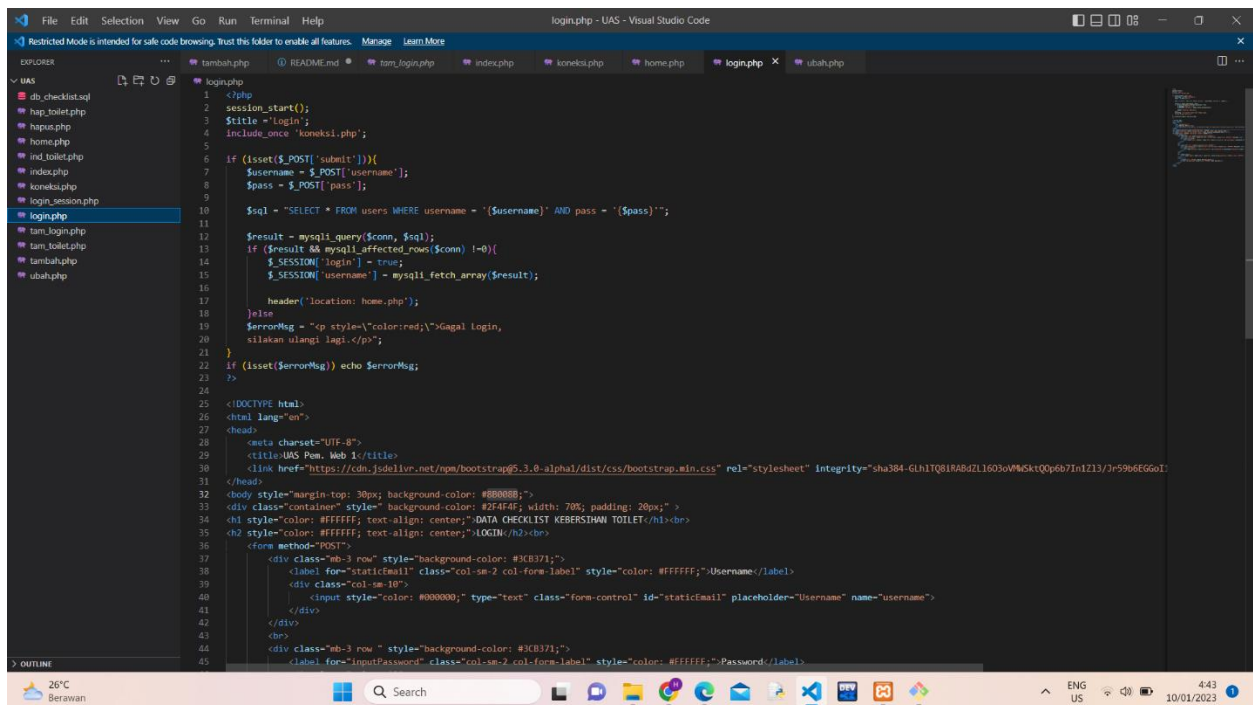


The screenshot shows the Visual Studio Code editor with a project named 'koneksi.php - UAS'. The Explorer sidebar on the left lists files in the 'UAS' directory: db_checklist.sql, hap_toilet.php, hapus.php, home.php, ind_toilet.php, index.php, koneksi.php, login_session.php, login.php, tam_login.php, tam_toilet.php, tambah.php, and ubah.php. The 'koneksi.php' file is open in the editor, containing the following PHP code:

```
1 <?php
2 $host = "localhost";
3 $user = "root";
4 $pass = "";
5 $db = "db_checklist";
6 $conn = mysqli_connect($host, $user, $pass, $db);
7 >>
```

The status bar at the bottom indicates the system temperature is 26°C in Berawan, the search bar is empty, and the date is 10/01/2023.

Membuat file Login.php

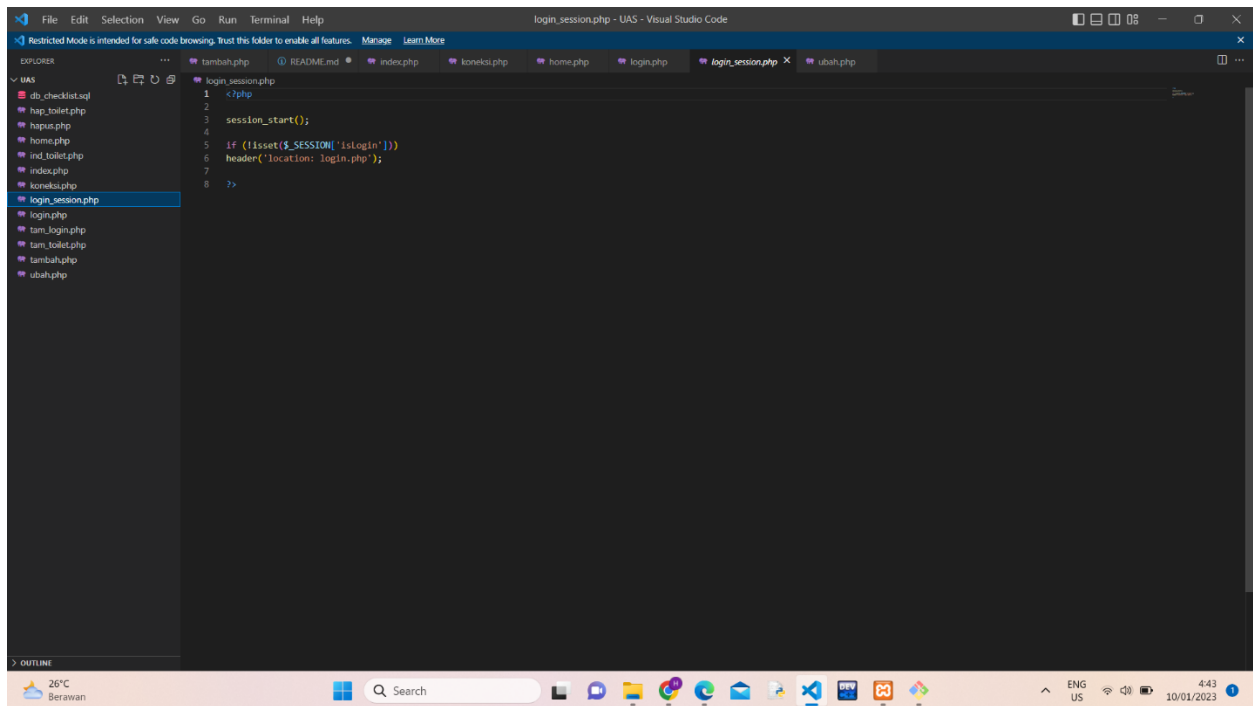


The screenshot shows the Visual Studio Code editor with the 'login.php' file open. The Explorer sidebar on the left shows the same file list as the previous screenshot, with 'login.php' selected. The 'login.php' file contains the following PHP and HTML code:

```
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        header('location: home.php');
17    } else {
18        $errorMsg = "<p style='color:red;'>Gagal Login,
19        silakan ulangi lagi.</p>";
20    }
21 }
22 if (isset($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" integrity="sha384-Gh1tQ81P847L1603oW44SkktQp667In1213/2r5966EGG0I"
31 </head>
32 <body style="margin-top: 30px; background-color: #888888;">
33 <div class="container" style="background-color: #272f3f; width: 70%; padding: 20px;">
34 <div class="col-sm-10">
35 <h2 style="color: #ffffff; text-align: center;">DATA CHECKLIST KEBERSIHAN TOILET</h2>
36 <form method="POST">
37 <div class="mb-3 row" style="background-color: #3c3f71;">
38 <div class="col-sm-2 col-form-label" style="color: #ffffff;">Username</div>
39 <input style="color: #000000;" type="text" class="form-control" id="staticEmail" placeholder="Username" name="username">
40 </div>
41 </div>
42 <div class="mb-3 row" style="background-color: #3c3f71;">
43 <div class="col-sm-2 col-form-label" style="color: #ffffff;">Password</div>
```

The status bar at the bottom indicates the system temperature is 26°C in Berawan, the search bar is empty, and the date is 10/01/2023.

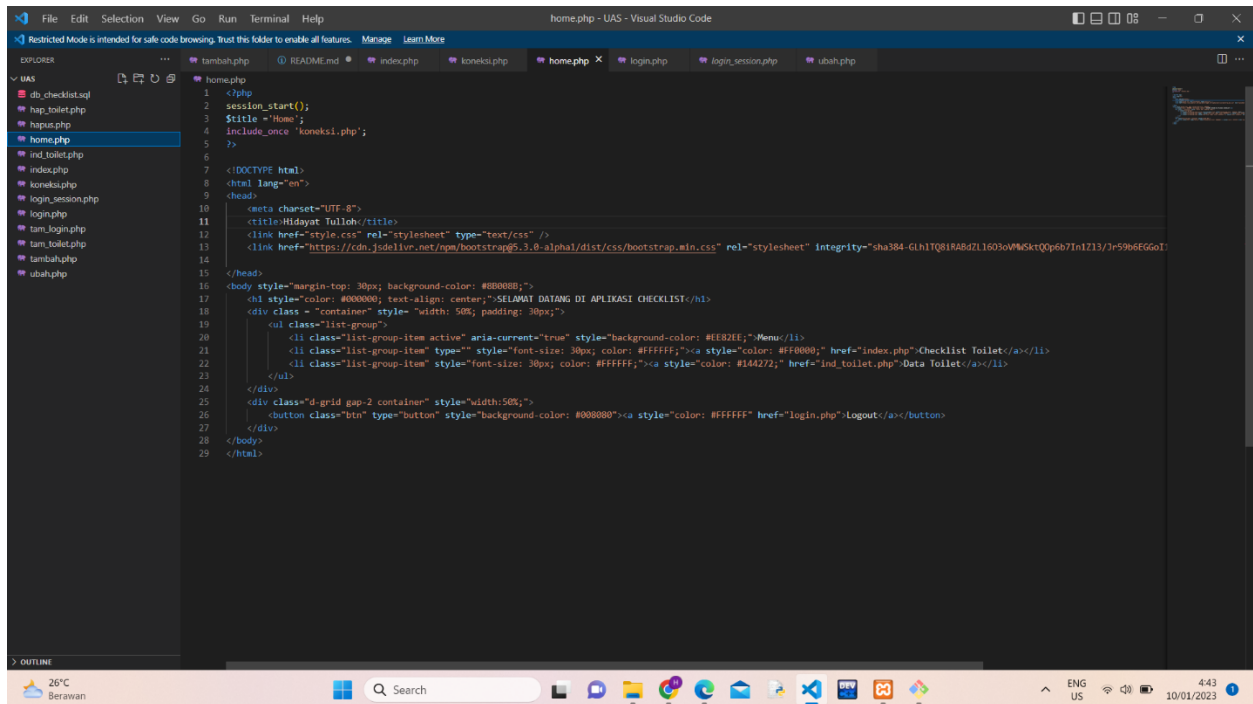
Membuat file login_session.php



The screenshot shows the Visual Studio Code editor with the file `login_session.php` open. The Explorer sidebar on the left shows a project structure with files like `uas`, `db_checklist.sql`, `hap_toilet.php`, `hapus.php`, `home.php`, `ind_toilet.php`, `index.php`, `koneksi.php`, `login_session.php`, `login.php`, `tam_login.php`, `tam_toilet.php`, `tambah.php`, and `ubah.php`. The `login_session.php` file is selected and its content is visible in the editor.

```
1 <?php
2
3 session_start();
4
5 if (!isset($_SESSION['isLogin']))
6 header('location: login.php');
7
8 >
```

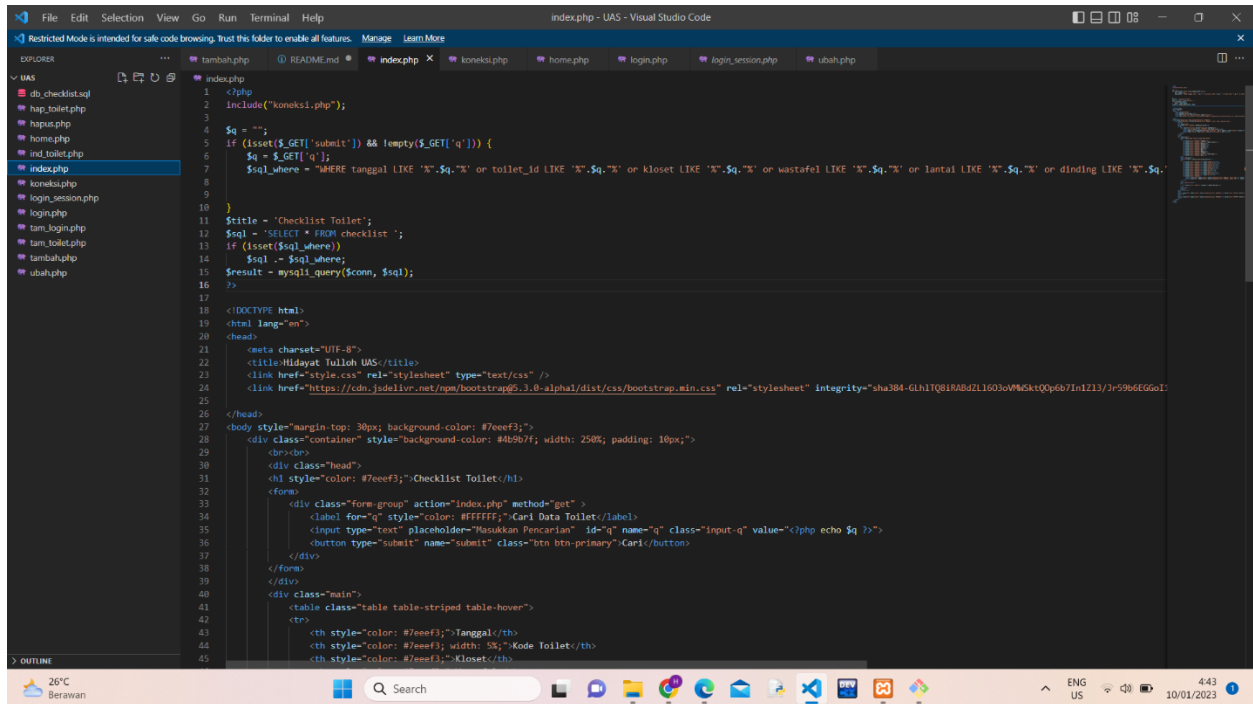
Membuat file Home.php



The screenshot shows the Visual Studio Code editor with the file `home.php` open. The Explorer sidebar on the left shows the same project structure as the previous screenshot. The `home.php` file is selected and its content is visible in the editor.

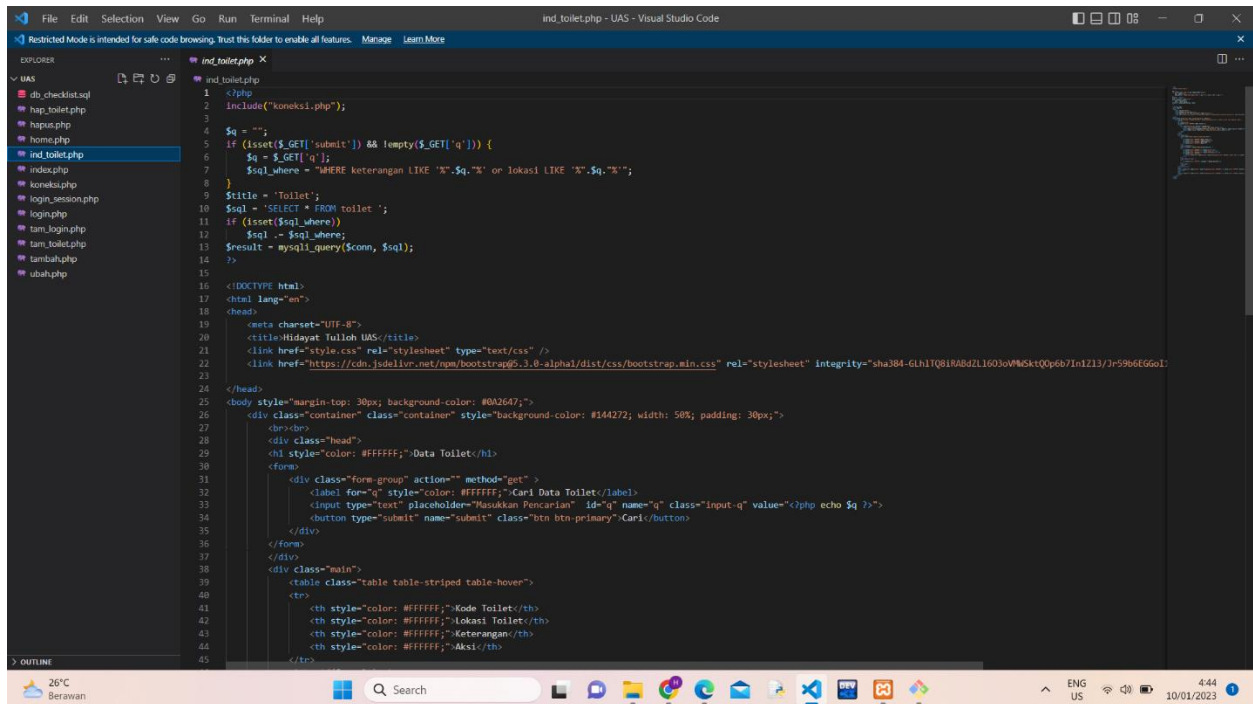
```
1 <?php
2 session_start();
3 $title = "Home";
4 include_once 'koneksi.php';
5 >
6
7 <!DOCTYPE html>
8 <html lang="en">
9 <head>
10 <meta charset="UTF-8">
11 <title>Hidayat Tullloh</title>
12 <link href="style.css" rel="stylesheet" type="text/css" />
13 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh1tQ81R8dZ1603wW400Q0p667In1Z13/3r59b6EGGoI" />
14 </head>
15 <body style="margin-top: 30px; background-color: #000000;">
16 <div style="color: #000000; text-align: center;">SELAMAT DATANG DI APLIKASI CHECKLIST</div>
17 <div class="container" style="width: 50%; padding: 30px;">
18 <ul class="list-group">
19 <li class="list-group-item active" aria-current="true" style="background-color: #E8E2EE;">Menu</li>
20 <li class="list-group-item" type="" style="font-size: 30px; color: #FFFFFF;"><a style="color: #FF0000;" href="index.php">Checklist Toilet</a></li>
21 <li class="list-group-item" style="font-size: 30px; color: #FFFFFF;"><a style="color: #144272;" href="ind_toilet.php">Data Toilet</a></li>
22 </ul>
23 </div>
24 <div class="d-grid gap-2 container" style="width: 50%;">
25 <button class="btn" type="button" style="background-color: #000000;"><a style="color: #FFFFFF" href="login.php">Logout</a></button>
26 </div>
27 </body>
28 </html>
```

Membuat file index.php



```
1 <?php
2 include("koneksi.php");
3
4 $q = "";
5 if (isset($_GET['submit']) && !empty($_GET['q'])) {
6     $q = $_GET['q'];
7     $sql_where = "WHERE tanggal LIKE '%".$q."%' or toilet_id LIKE '%".$q."%' or kloset LIKE '%".$q."%' or wastafel LIKE '%".$q."%' or lantai LIKE '%".$q."%' or dinding LIKE '%".$q."%'";
8 }
9
10 $title = 'Checklist Toilet';
11 $sql = 'SELECT * FROM checklist ';
12 if (isset($sql_where)) {
13     $sql .= $sql_where;
14 }
15 $result = mysqli_query($conn, $sql);
16
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <title>Hidayat Tulluh UAS</title>
23     <link href="style.css" rel="stylesheet" type="text/css" />
24     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh1Q81R842L1603oW6Gkt0p6b7In1213/3r5966EGGoI" />
25 </head>
26 <body style="margin-top: 30px; background-color: #f0eef3;">
27     <div class="container" style="background-color: #d9eaf7; width: 250%; padding: 10px;">
28         <div class="head">
29             <div style="color: #f0eef3;">Checklist Toilet</div>
30             <form>
31                 <div class="form-group" action="index.php" method="get">
32                     <label for="q" style="color: #ffffff;">Carli Data Toilet</label>
33                     <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
34                     <button type="submit" name="submit" class="btn btn-primary">Carli</button>
35                 </div>
36             </form>
37         </div>
38         <div class="main">
39             <table class="table table-striped table-hover">
40                 <tr>
41                     <th style="color: #f0eef3;">Tanggal</th>
42                     <th style="color: #f0eef3;">Kode Toilet</th>
43                     <th style="color: #f0eef3;">Kode Toilet</th>
44                     <th style="color: #f0eef3;">Kloset</th>
45                 </tr>
```

Membuat file index_toilet.php

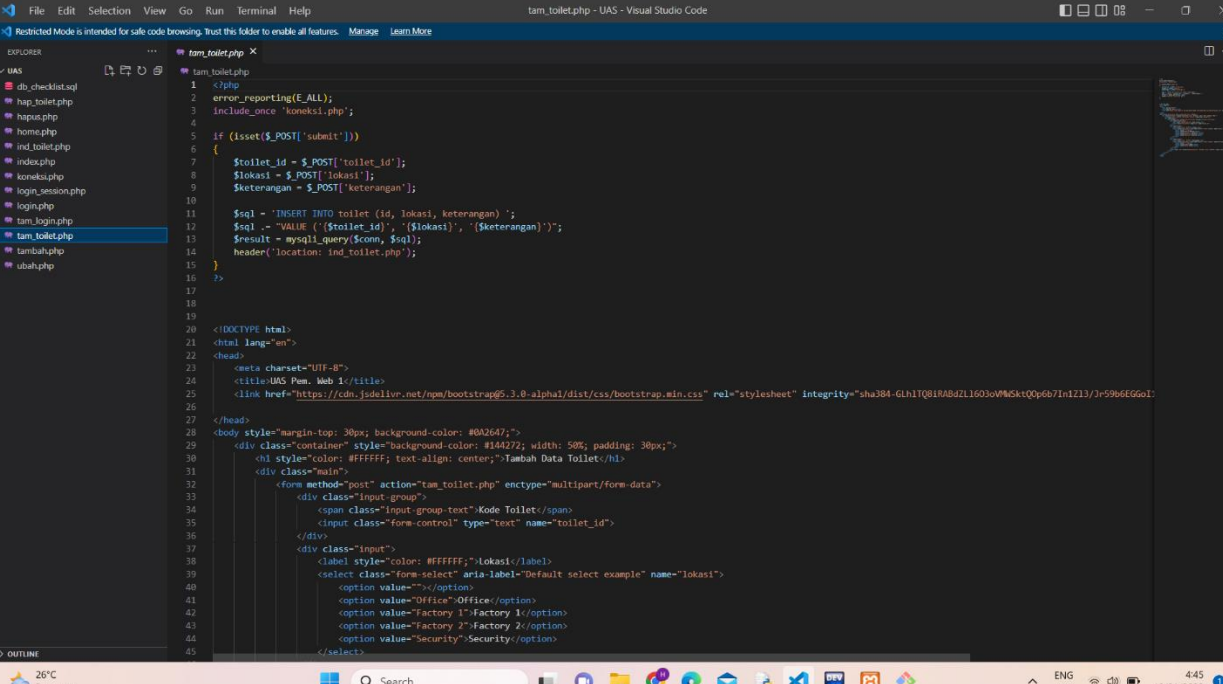


```
1 <?php
2 include("koneksi.php");
3
4 $q = "";
5 if (isset($_GET['submit']) && !empty($_GET['q'])) {
6     $q = $_GET['q'];
7     $sql_where = "WHERE keterangan LIKE '%".$q."%' or lokasi LIKE '%".$q."%'";
8 }
9
10 $title = 'Toilet';
11 $sql = 'SELECT * FROM toilet ';
12 if (isset($sql_where)) {
13     $sql .= $sql_where;
14 }
15 $result = mysqli_query($conn, $sql);
16
17
18 <!DOCTYPE html>
19 <html lang="en">
20 <head>
21     <meta charset="UTF-8">
22     <title>Hidayat Tulluh UAS</title>
23     <link href="style.css" rel="stylesheet" type="text/css" />
24     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Gh1Q81R842L1603oW6Gkt0p6b7In1213/3r5966EGGoI" />
25 </head>
26 <body style="margin-top: 30px; background-color: #d9eaf7;">
27     <div class="container" class="container" style="background-color: #d9eaf7; width: 50%; padding: 30px;">
28         <div class="head">
29             <div style="color: #ffffff;">Data Toilet</div>
30             <form>
31                 <div class="form-group" action="" method="get">
32                     <label for="q" style="color: #ffffff;">Carli Data Toilet</label>
33                     <input type="text" placeholder="Masukkan Pencarian" id="q" name="q" class="input-q" value="">
34                     <button type="submit" name="submit" class="btn btn-primary">Carli</button>
35                 </div>
36             </form>
37         </div>
38         <div class="main">
39             <table class="table table-striped table-hover">
40                 <tr>
41                     <th style="color: #ffffff;">Kode Toilet</th>
42                     <th style="color: #ffffff;">Lokasi Toilet</th>
43                     <th style="color: #ffffff;">Keterangan</th>
44                     <th style="color: #ffffff;">Aksi</th>
45                 </tr>
```

Membuat file tambah_login.php

The screenshot displays a Windows 11 desktop environment. In the foreground, a web browser window is open, showing a login page for 'tam_login.php'. The page has a light blue header with the text 'Restricted Mode is intended for safe code browsing. Trust this folder to enable all features.' Below the header, there's a navigation bar with 'Manage' and 'Learn More' links. The main content area contains a login form with the following fields: 'Username', 'Password', 'Name', 'Email', and 'Role'. Each field has a corresponding label and a 'required' attribute. The 'Role' field has a dropdown menu. The form is styled with a light blue background and rounded corners. To the right of the browser window, a code editor is open, displaying the PHP script for 'tam_login.php'. The script includes a database connection, a login function, and a header function. The system tray at the bottom of the screen shows the date as '10/01/2023' and the time as '4:45'. The taskbar includes icons for various applications, including a file explorer, a code editor, and a web browser.

Membuat file tambah.toilet.php



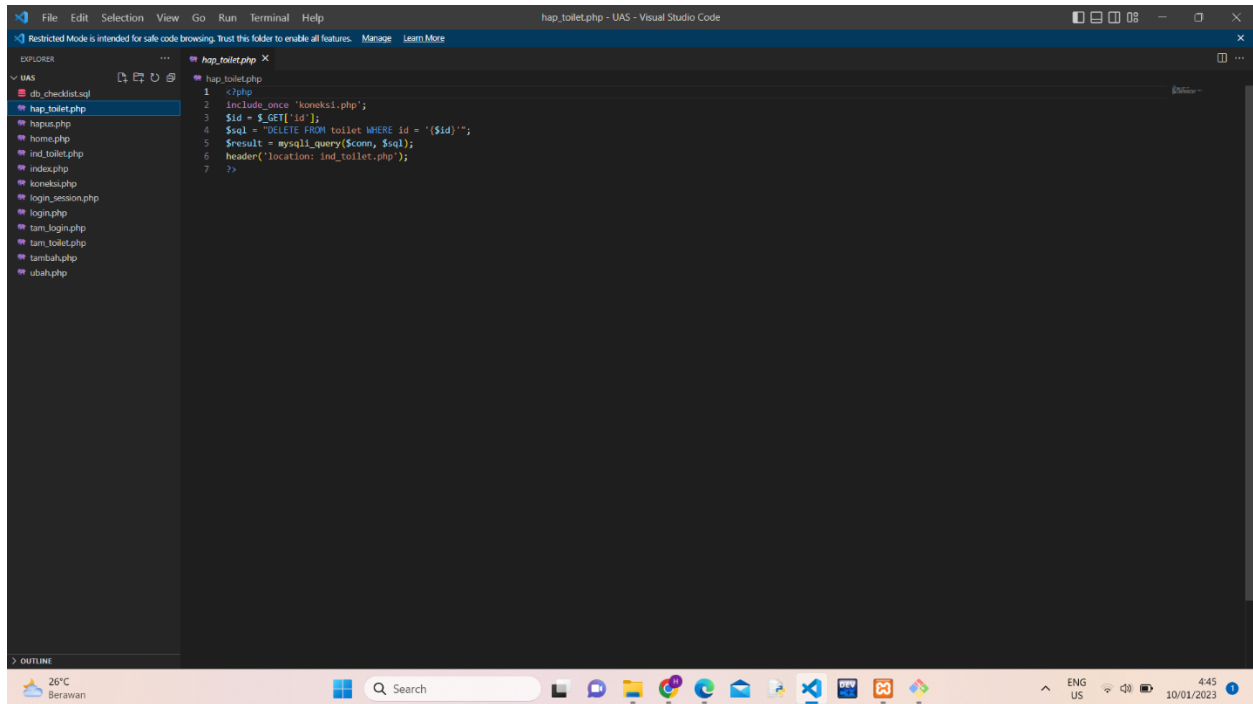
The image shows a Visual Studio Code editor window with a PHP file named `tam_toilet.php` open. The code is a web form for reporting a toilet issue. The form includes a header with a title "UAS Pam. Web 1/titile" and a stylesheet link. The form itself has a text input for "toilet_id", a text input for "lokasi", and a select dropdown for "keterangan" with options: Office, Factory 1, Factory 2, and Security. The form is styled with a light blue background and rounded corners.

```

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 .= "VALUES ('" . $toilet_id . "', '" . $lokasi . "', '" . $keterangan . "')";
13     $result = mysqli_query($conn, $sql);
14     header("location: ind_toilet.php");
15 }
16
17
18
19
20 <DOCTYPE html>
21 <html lang="en">
22 <head>
23     <meta charset="UTF-8">
24     <title>UAS Pam. Web 1/titile</title>
25     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GL11T011842163030WMSKtQp667r1N133/r5966E6Gg0I"
26
27 </head>
28 <body style="margin-top: 30px; background-color: #0A2647;">
29     <div class="container" style="background-color: #144272; width: 50%; padding: 30px;">
30         <h1 style="color: #FFFFFF; text-align: center;">Tambah Data Toilet</h1>
31         <div class="main">
32             <form method="post" action="tam_toilet.php" enctype="multipart/form-data">
33                 <div class="input-group">
34                     <span class="input-group-text">Kode Toilet</span>
35                     <input class="form-control" type="text" name="toilet_id">
36                 </div>
37                 <div class="input">
38                     <label style="color: #FFFFFF;">Lokasi</label>
39                     <select class="form-select" aria-label="Default select example" name="lokasi">
40                         <option value=""></option>
41                         <option value="Office">Office</option>
42                         <option value="Factory 1">Factory 1</option>
43                         <option value="Factory 2">Factory 2</option>
44                         <option value="Security">Security</option>
45                     </select>

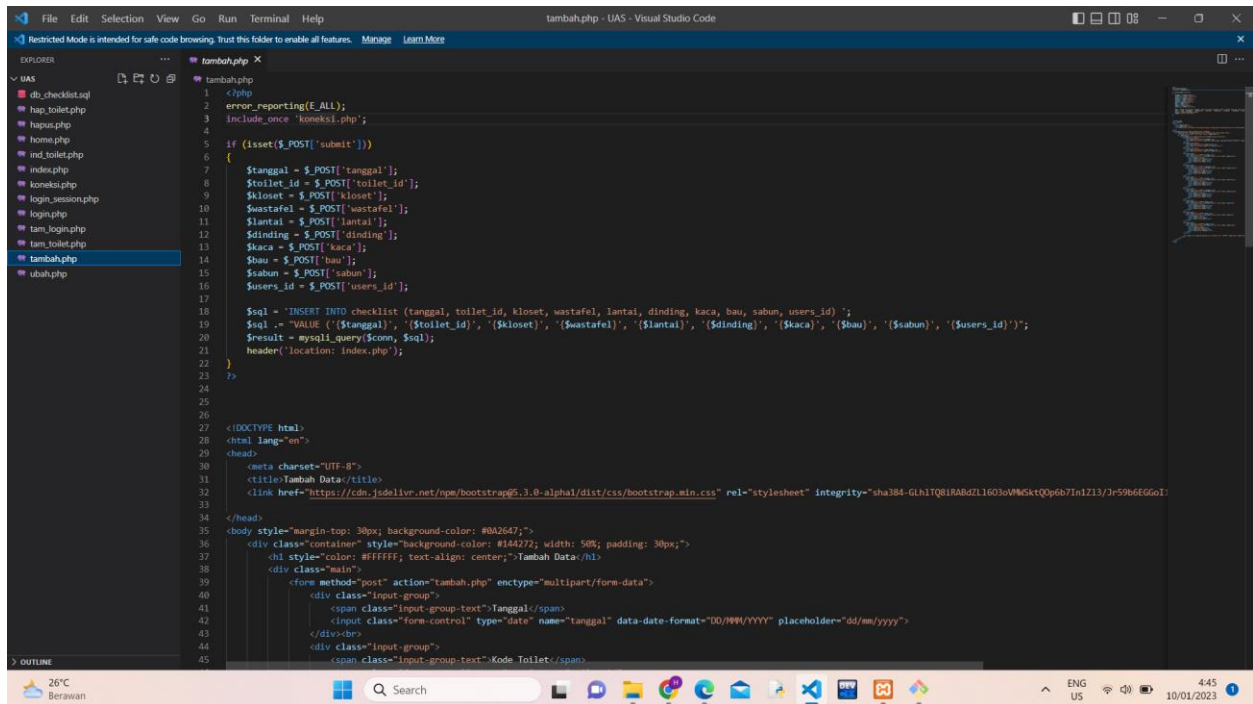
```

Membuat file Hapus_toilet.php



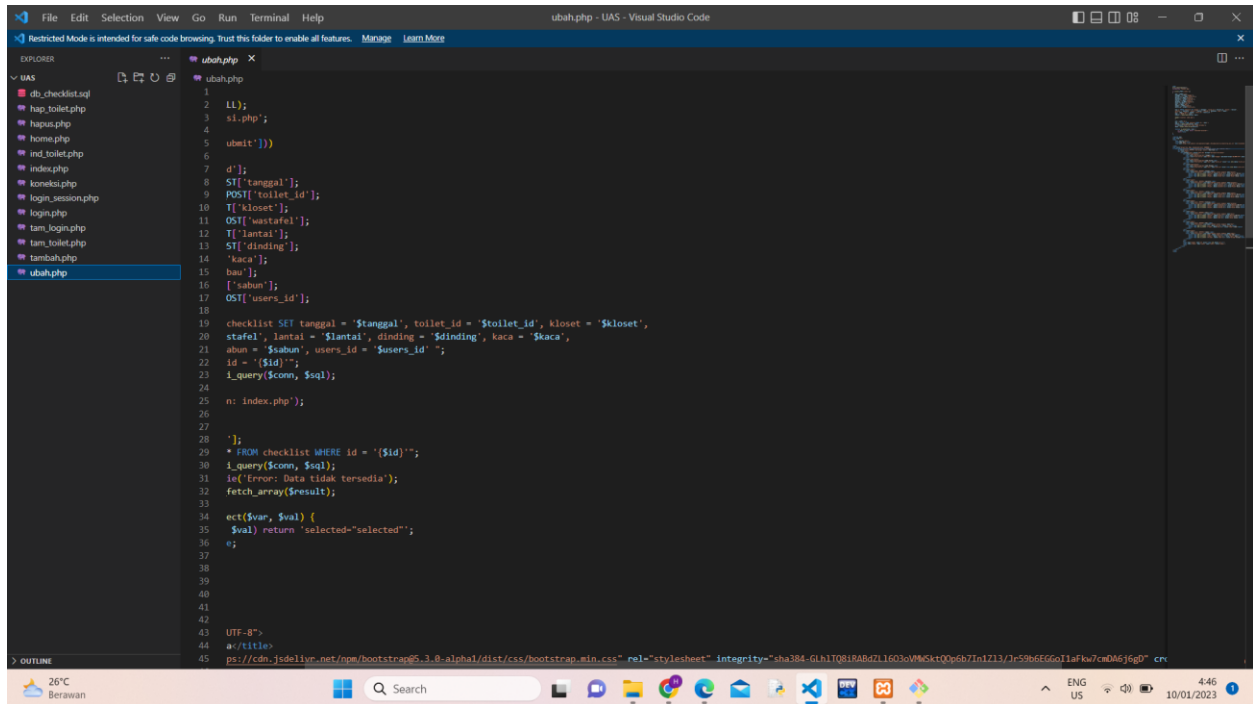
```
1 <?php
2 include_once 'koneksi.php';
3 $id = $_GET['id'];
4 $sql = "DELETE FROM toilet WHERE id = '{$id}'";
5 $result = mysqli_query($conn, $sql);
6 header('location: ind_toilet.php');
7 ?>
```

Membuat file tambah.php



```
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     $skloset = $_POST['skloset'];
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, users_id) ";
19    $sql .= "VALUES ('{$tanggal}', '{$toilet_id}', '{$skloset}', '{$wastafel}', '{$lantai}', '{$dinding}', '{$kaca}', '{$bau}', '{$sabun}', '{$users_id}')";
20    $result = mysqli_query($conn, $sql);
21    header('location: index.php');
22 }
23 ?>
24
25
26
27 <!DOCTYPE html>
28 <html lang="en">
29 <head>
30     <meta charset="UTF-8">
31     <title>Tambah Data</title>
32     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GhliQ81R86z0WV6K56tQp667In1213/2r5966EGGoI"
33
34 </head>
35 <body style="margin-top: 30px; background-color: #B42647;">
36     <div class="container" style="background-color: #144272; width: 50%; padding: 30px;">
37         <div style="color: #FFFFFF; text-align: center;">Tambah Data:</div>
38         <div class="main">
39             <form method="post" action="tambah.php" enctype="multipart/form-data">
40                 <div class="input-group">
41                     <span class="input-group-text">Tanggal:</span>
42                     <input class="form-control" type="date" name="tanggal" data-date-format="DD/MM/YYYY" placeholder="dd/mm/yyyy">
43                 </div>
44                 <div class="input-group">
45                     <span class="input-group-text">Kode Toilet:</span>
```

Membuat file ubah.php



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ubah.php - UAS - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this folder to enable all features. Manage Learn More

EXPLORER

- UAS
 - db_checklist.sql
 - hap_toilet.php
 - hapus.php
 - home.php
 - ind_toilet.php
 - index.php
 - koneksi.php
 - login_session.php
 - login.php
 - tam_login.php
 - tam_toilet.php
 - tambah.php
 - ubah.php

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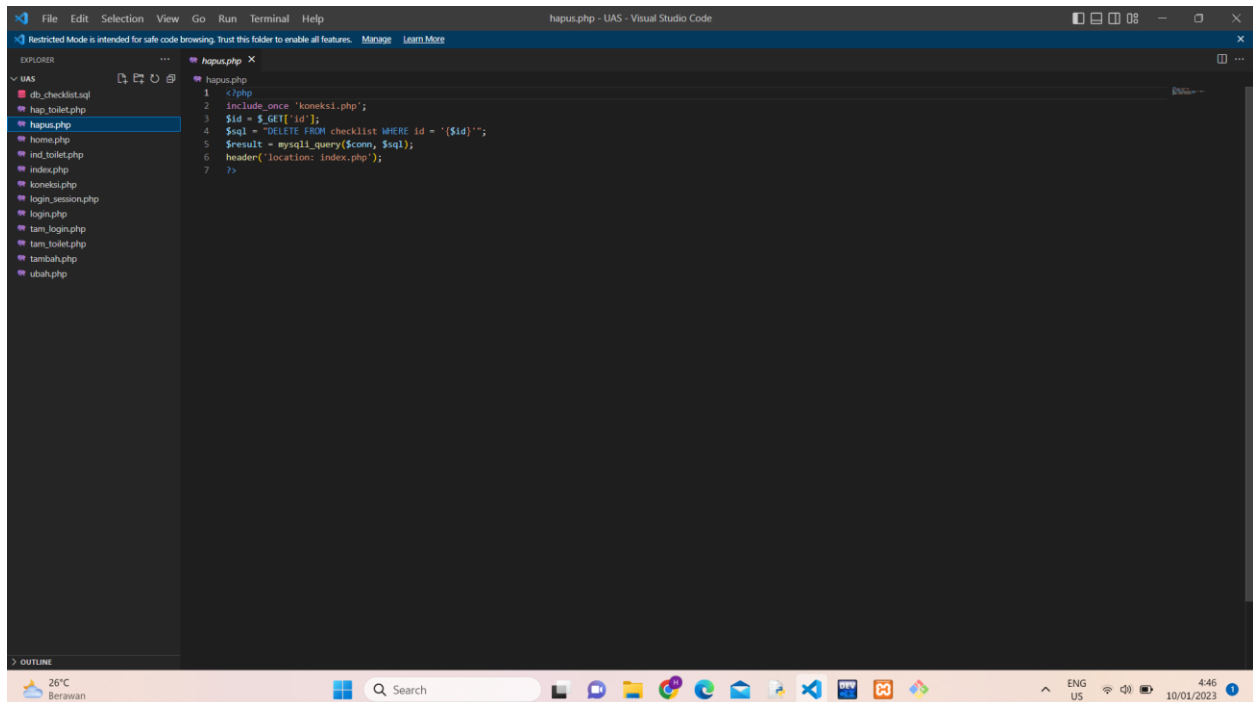
OUTLINE

26°C Berawan

Search

ENG US 4:46 10/01/2023

Membuat file hapus.php



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```

hapus.php - UAS - Visual Studio Code

Restricted Mode is intended for safe code browsing. Trust this folder to enable all features. Manage Learn More

EXPLORER

- UAS
 - db_checklist.sql
 - hap_toilet.php
 - hapus.php
 - home.php
 - ind_toilet.php
 - index.php
 - koneksi.php
 - login_session.php
 - login.php
 - tam_login.php
 - tam_toilet.php
 - tambah.php
 - ubah.php

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OUTLINE

26°C Berawan

Search

ENG US 4:46 10/01/2023

TERIMA KASIH