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## SOAL 1

```
latihan_1.html > html
1  <html>
2      <head>
3          <title>Form Method POST dan GET</title>
4      </head>
5      <body>
6  </html>
7  <form action="action.php" method="POST">
8      <p>
9          <label>Nama Lengkap:</label>
10         <input type="text" name="nama_lengkap" placeholder="Masukkan Nama Lengkap"/>
11     </p>
12     <p>
13     <label>NIM:</label>
14     <input type="number" name="nim" placeholder="Masukkan NIM"/>
15     </p>
16     <p>
17         <input type="submit" name="submit" value="login"/>
18     </p>
19  </form>
20  </body>
21 </html>
```

```
latihan_1_(cont'd).php
1  <?php
2  echo "Ini data yang dikirimkan dari form demo_method_post_get";
3  echo "<br>";
4  echo $_POST['nama_lengkap']."<br>";
5  echo $_POST['nim'];
6  ?>
```

## SOAL 2

latihan\_2\_demo.php

```
1 <?php  
2 echo "Ini data yang ditampilkan menggunakan metode POST <br>";  
3 echo $_POST['nama']."<br>";  
4 echo $_POST['nim'];  
5 ?>
```

Latihan\_2\_metode.php

```
1 <form method="post" action="demoPHP_post.php">  
2   <p> Nama : <br />  
3     <input name="nama" type="text" id="nama_x" size="20" placeholder="Masukkan nama"/>  
4   </p>  
5   <p>NIM : <br />  
6     <input name="nim" type="text" id="nim_x" size="20" placeholder="Masukkan NIM"/>  
7   </p>  
8   <p>  
9     <input type="submit" name="button" id="button" value="Kirim" />  
10  </p>  
11 </form>
```

SOAL 3

```
latihan_3a.html > html
1 <html>
2     <head>
3         <title>Form Method GET</title>
4     </head>
5     <body>
6 </html>
7 <form action="action.php" method="GET">
8     <p>
9         <label>Nama Lengkap:</label>
10        <input type="text" name="nama_lengkap" placeholder="Masukkan Nama Lengkap"/>
11    </p>
12    <p>
13        <label>NIM:</label>
14        <input type="number" name="nim" placeholder="Masukkan NIM"/>
15    </p>
16    <p>
17        <input type="submit" name="submit" value="login"/>
18    </p>
19 </form>
20 </body>
21 </html>
```

#### latihan\_3a\_(cont'd).php

```
1 <?php
2 echo "Ini data yang dikirimkan dari form demo_method_get";
3 echo "<br>";
4 echo $_GET['nama_lengkap']."<br>";
5 echo $_GET['nim'];
6 ?>
```

```
1 <?php
2     echo "Ini data yang ditampilkan menggunakan metode GET <br>";
3     echo $_GET['nama']."<br>";
4     echo $_GET['nim'];
5 ?>
```

latihan\_3b\_metode.php

```
1 <form method="get" action="demoPHP_get.php">
2     <p> Nama : <br />
3         <input name="nama" type="text" id="nama_x" size="20" placeholder="Masukkan nama"/>
4     </p>
5     <p>NIM : <br />
6         <input name="nim" type="text" id="nim_x" size="20" placeholder="Masukkan NIM"/>
7     </p>
8     <p>
9         <input type="submit" name="button" id="button" value="Kirim" />
10    </p>
11 </form>
```

#### SOAL 4

```
# metode_get.php
1 <form method="get" action="file_action_yang_dituju">
2   <p> Nama : <br />
3     <input name="nama" type="text" id="nama" size="20" placeholder="Masukkan nama"/>
4   </p>
5   <p>NIM : <br />
6     <input name="nim" type="text" id="nim" size="20" placeholder="Masukkan NIM"/>
7   </p>
8   <p>
9     <input type="submit" name="button" id="button" value="Kirim" />
10  </p>
11 </form>
```

```
# metode_post.php
1 <form method="post" action="file_action_yang_dituju">
2   <p> Nama : <br />
3     <input name="nama" type="text" id="nama_x" size="20" placeholder="Masukkan nama"/>
4   </p>
5   <p>NIM : <br />
6     <input name="nim" type="text" id="nim_x" size="20" placeholder="Masukkan NIM"/>
7   </p>
8   <p>
9     <input type="submit" name="button" id="button" value="Kirim" />
10  </p>
11 </form>
```

```
# demoPHP_get.php
1 <?php
2   echo "Ini data yang ditampilkan menggunakan metode GET <br>";
3   echo $_GET['input name']."<br>";
4   echo $_GET['nim'];
5 ?>
```

```
# demoPHP_post.php
1 <?php
2   echo "Ini data yang ditampilkan menggunakan metode POST <br>";
3   echo $_POST['input name']."<br>";
4   echo $_POST['nim'];
5 ?>
```

## Soal 5

```
file genap_post.php
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Cek Bilangan Genap atau Ganjil (POST)</title>
5  </head>
6  <body>
7      <h2>Program Cek Bilangan Genap atau Ganjil (Metode POST)</h2>
8      <form action="action_genap_post.php" method="POST">
9          <p>
10             <label>Masukkan Angka:</label>
11             <input type="number" name="angka" placeholder="Masukkan angka" required>
12         </p>
13         <p>
14             <input type="submit" value="Cek Bilangan">
15         </p>
16     </form>
17 </body>
18 </html>
19 
```

```
file action_genap_post.php
1  <?php
2  echo "<h2>Hasil Pemeriksaan Bilangan</h2>";
3
4  if ($_SERVER["REQUEST_METHOD"] == "POST") {
5      $angka = $_POST['angka'];
6
7      if ($angka % 2 == 0) {
8          echo "Inputan: $angka <br>";
9          echo "Hasil: $angka adalah bilangan <b>genap</b>." ;
10     } else {
11         echo "Inputan: $angka <br>";
12         echo "Hasil: $angka adalah bilangan <b>ganjil</b>." ;
13     }
14 } else {
15     echo "Tidak ada data yang dikirim.";
16 }
17 ?>
18 
```

Soal 6 (POLA POST)

The screenshot shows a code editor interface with two tabs open: `hapus.php` and `pola_post.php`. The `pola_post.php` tab contains the following PHP code:

```
<!DOCTYPE html>
<html>
<head>
    <title>Pola POST</title>
</head>
<body>
    <h2>Program Pola POST</h2>
    <form method="post" action="action_pola_post.php">
        Masukkan angka: <input type="number" name="angka" required>
        <input type="submit" value="Kirim">
    </form>
</body>
</html>
```

The output window below the editor shows logs from a PHP server:

```
[Fri Oct 24 16:15:31 2025] [:1]:61419 Closing
[Fri Oct 24 16:15:31 2025] [:1]:60068 Accepted
[Fri Oct 24 11:15:37 2025] [404] /action_pola_post.php - No such file or directory
[Fri Oct 24 16:15:37 2025] [:1]:53135 [200]: POST /action_pola_post.php
[Fri Oct 24 16:15:37 2025] [:1]:53135 Closing
[Fri Oct 24 16:15:37 2025] [:1]:51010 Accepted
```

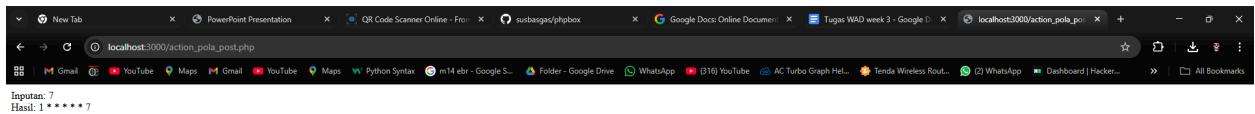
The screenshot shows a code editor interface with three tabs open: `hapus.php`, `pola_post.php`, and `action_pola_post.php`. The `action_pola_post.php` tab contains the following PHP code:

```
<?php
if (isset($_POST['angka'])) {
    $n = $_POST['angka'];
    echo "Inputan: $n <br>Hasil: ";
    for ($i = 1; $i <= $n; $i++) {
        if ($i == 1 || $i == $n) {
            echo $i . " ";
        } else {
            echo " " . $i . " ";
        }
    }
} else {
    echo "Tidak ada input.";
}
?>
```

The output window below the editor shows logs from a PHP server:

```
[Fri Oct 24 16:15:31 2025] [:1]:61419 Closing
[Fri Oct 24 16:15:31 2025] [:1]:60068 Accepted
[Fri Oct 24 11:15:37 2025] [404] /action_pola_post.php - No such file or directory
[Fri Oct 24 16:15:37 2025] [:1]:53135 [200]: POST /action_pola_post.php
[Fri Oct 24 16:15:37 2025] [:1]:53135 Closing
[Fri Oct 24 16:15:37 2025] [:1]:51010 Accepted
```

## SOAL 7 (SIMPAN DAN JALANKAN)



## SOAL 8:

The screenshot shows the phpMyAdmin interface running on a Windows desktop. The database selected is 'demo\_ajax'. A SQL query is being run in the 'Query' tab:

```
1 USE demo_ajax;
2
3 CREATE TABLE demo_crud (
4     id INT(6) AUTO_INCREMENT PRIMARY KEY,
5     nama VARCHAR(50) NOT NULL,
6     email VARCHAR(50) NOT NULL
7 );
```

The 'Error' panel at the bottom shows the following message:

SQL query: [Copy](#)

```
USE demo_ajax;

CREATE TABLE demo_crud(
    id INT(6) AUTO_INCREMENT PRIMARY KEY,
    nama VARCHAR(50) NOT NULL,
    email VARCHAR(50) NOT NULL
)

MySQL said: OK
```

Console

The screenshot shows a Windows desktop environment with several open applications:

- Top Taskbar:** Displays icons for File Explorer, Microsoft Edge, FileZilla, and other system utilities.
- Browser 1 (Top Left):** A Microsoft Edge window titled "PowerPoint Presentation" showing a presentation slide.
- Browser 2 (Top Middle):** A Microsoft Edge window titled "localhost:8080/phpmyadmin/index.php?route=/database/sql&db= demo\_ajax" showing the phpMyAdmin interface for the "demo\_ajax" database.
- Browser 3 (Top Right):** A Microsoft Edge window titled "Tugas WAD week 3 - Google Search" showing search results.
- Bottom Application:** A Visual Studio Code editor window titled "phpbox-main". The Explorer sidebar shows a file tree for a "PHPROX MAIN" project containing files like "pola\_post.php", "action\_pola\_post.php", and "koneksi.php". The main editor pane contains the "koneksi.php" code:

```
<?php  
$host = "localhost";  
$user = "root";  
$pass = " ";  
$db = "demo_ajax";  
$port = 3307;  
  
$mysqli = new mysqli($host, $user, $pass, $db, $port);  
if ($mysqli->connect_error) {  
    die("Koneksi gagal: " . $mysqli->connect_error);  
} else {  
    echo "Koneksi berhasil ke database demo_ajax";  
}  
?>
```

The status bar at the bottom of the VS Code window shows "L 16, C 11" and "19:22" along with other system status indicators.



## SOAL 9

A screenshot of a Microsoft Edge browser window titled 'Form Tambah Data'. The address bar shows 'localhost:3000/tambah\_data.php'. The page contains a form with two input fields: 'Nama:' and 'Email:', both with placeholder text 'Masukkan Nama' and 'Masukkan Email'. A 'Simpan' button is located below the inputs. The background shows a blurred desktop environment with various pinned icons.

The screenshot shows a code editor window with several tabs open. The active tab contains PHP code for a form submission:

```
<!DOCTYPE html>
<html>
<head>
    <title>Form Tambah Data</title>
</head>
<body>
    <h2>Form Tambah Data Mahasiswa</h2>
    <form method="post" action="simpan_data.php">
        <label>Nama:</label><br>
        <input type="text" name="name" placeholder="Masukkan Nama" required><br><br>
        <label>Email:</label><br>
        <input type="email" name="email" placeholder="Masukkan Email" required><br><br>
        <input type="submit" value="Simpan">
    </form>
</body>
</html>
```

The sidebar on the left shows a file tree for a project named "PHBBOX MAIN". The bottom status bar indicates the file is saved.

## SOAL 10

The screenshot shows a browser window with two tabs open. The active tab displays a success message:

Koneksi berhasil ke database demo\_ajax  
Data berhasil disimpan!

[Tambah lagi](#)

The browser's address bar shows the URL `localhost:3000/simpan_data.php`. The taskbar at the bottom shows various application icons and the date/time: 24/10/2025.

The screenshot shows a code editor interface with several tabs open. The tabs include: tambah\_data.php, action\_pola\_post.php, koneksi.php, tambah\_data.php, simpan\_data.php, and Lathan11.jpeg. The main editor area displays the content of the tambah\_data.php file:

```
<!DOCTYPE html>
<html>
<head>
    <title>Form Tambah Data</title>
</head>
<body>
    <h2>Form Tambah Data Mahasiswa</h2>
    <form method="post" action="simpan_data.php">
        <label>Nama</label><br>
        <input type="text" name="name" placeholder="Masukkan Nama" required><br><br>
        <label>Email:</label><br>
        <input type="email" name="email" placeholder="Masukkan Email" required><br><br>
        <input type="submit" value="Simpan">
    </form>
</body>
</html>
```

Below the editor, the terminal output shows logs from the server:

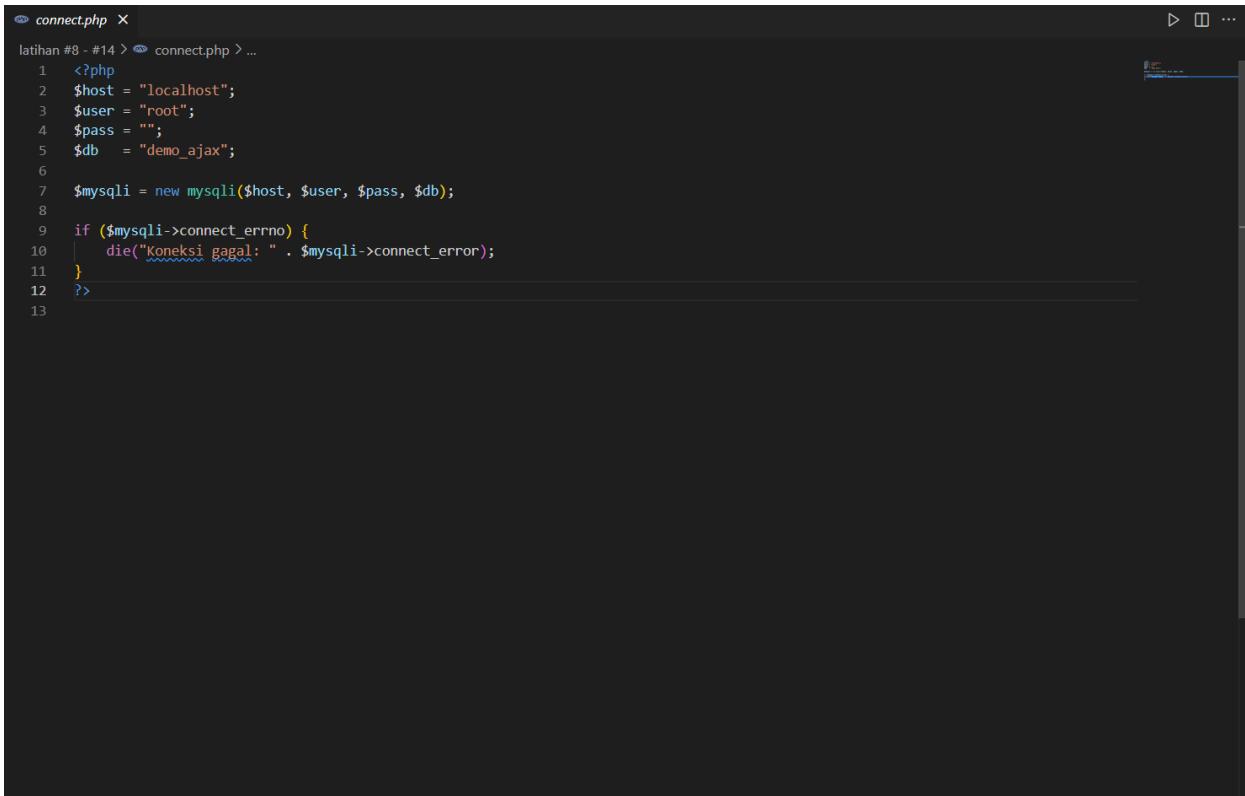
```
[Fri Oct 24 19:49:38 2025] [:]:50595 Closing
[Fri Oct 24 19:49:38 2025] [:]:50568 Accepted
[Fri Oct 24 16:40:44 2025] [404] /simpan_data.php - No such file or directory
[Fri Oct 24 19:49:44 2025] [:]:50568 [200]: POST /simpan_data.php
[Fri Oct 24 19:49:44 2025] [:]:50568 Closing
[Fri Oct 24 19:49:44 2025] [:]:50882 Accepted
```

The screenshot shows a web browser window displaying the PHPMyAdmin interface at [localhost:3080/phpmyadmin/index.php?rout...  
\[::\]:50595 Closing](http://localhost:3080/phpmyadmin/index.php?route=qldb=demo_ajax&ttable=demo_crud&pos=0). The browser's address bar also shows the URL [localhost:3080/](http://localhost:3080/).

The PHPMyAdmin interface shows the following details:

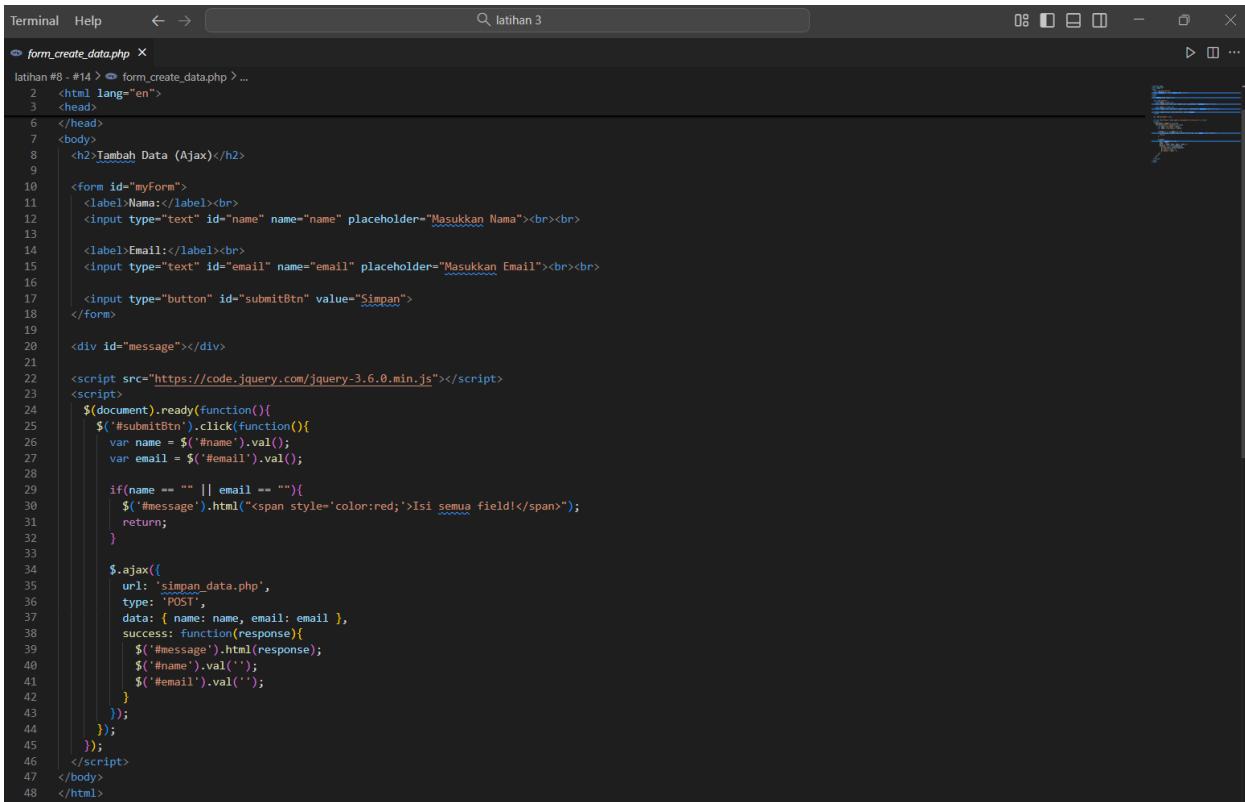
- Server: 127.0.0.1:3307
- Database: demo\_ajax
- Table: demo\_crud
- Structure: Columns (id, nama, email); Indexes (PRIMARY)
- Operations: Browse, Structure, SQL, Insert, Export, Import, Privileges, Operations, Tracking, Triggers.
- SQL Query: SELECT \* FROM `demo\_crud`
- Results: Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)
- Buttons: All, Number of rows: 25, Filter rows, Search this table.
- Extra options: Check all, With selected, Edit, Copy, Delete, Export.
- Query results operations: Print, Copy to clipboard, Export, Display chart, Create view.
- Bookmark this SQL query: Label: (empty), Let every user access this bookmark.
- Console: (bottom)

## SOAL 11-14



A screenshot of a code editor window titled "connect.php". The code is a PHP script for connecting to a MySQL database. It includes a connection check and an error message if the connection fails.

```
latihan #8 - #14 > connect.php > ...
1  <?php
2  $host = "localhost";
3  $user = "root";
4  $pass = "";
5  $db   = "demo_ajax";
6
7  $mysqli = new mysqli($host, $user, $pass, $db);
8
9  if ($mysqli->connect_errno) {
10    die("Koneksi gagal: " . $mysqli->connect_error);
11 }
12 ?>
13
```



A screenshot of a code editor window titled "form\_create\_data.php". The code is an HTML form with an embedded JavaScript file for Ajax data submission. The JavaScript uses jQuery to validate input fields and send data to "simpan\_data.php".

```
Terminal Help ← → Q latihan 3
form_create_data.php > ...
latihan #8 - #14 > form_create_data.php > ...
1  <html lang="en">
2  <head>
3
4  </head>
5  <body>
6    <h2>Tambah Data (Ajax)</h2>
7
8    <form id="myForm">
9      <label>Nama:</label><br>
10     <input type="text" id="name" name="name" placeholder="Masukkan Nama"><br><br>
11
12     <label>Email:</label><br>
13     <input type="text" id="email" name="email" placeholder="Masukkan Email"><br><br>
14
15     <input type="button" id="submitBtn" value="Simpan">
16   </form>
17
18   <div id="message"></div>
19
20   <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
21   <script>
22     $(document).ready(function(){
23       $('#submitBtn').click(function(){
24         var name = $('#name').val();
25         var email = $('#email').val();
26
27         if(name == "" || email == ""){
28           $('#message').html("<span style='color:red;'>Isi semua field!</span>");
29           return;
30         }
31
32         $.ajax({
33           url: 'simpan_data.php',
34           type: 'POST',
35           data: { name: name, email: email },
36           success: function(response){
37             $('#message').html(response);
38             $('#name').val('');
39             $('#email').val('');
40           }
41         });
42       });
43     });
44   </script>
45 </body>
46 </html>
```

Terminal Help ← → latihan 3

```
form_create_data2.php x
latihan #8 - #14 > form_create_data2.php ...
1  <html lang="en">
2  <head>
3  </head>
4  <body>
5  <h2>Form Tambah Data (v2)</h2>
6
7  <form id="myForm">
8    <label for="name">Nama:</label><br>
9    <input type="text" id="name" name="name" placeholder="Masukkan Nama"><br><br>
10   <label for="email">Email:</label><br>
11   <input type="email" id="email" name="email" placeholder="Masukkan Email"><br><br>
12
13   <input type="button" id="submitBtn" value="Simpan">
14 </form>
15
16 <div id="message"></div>
17
18 <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
19 <script>
20   $(document).ready(function(){
21     $('#submitBtn').click(function(){
22       var name = $('#name').val();
23       var email = $('#email').val();
24
25       if(name === '' || email === ''){
26         $('#message').html("<span style='color:red;'>Semua field harus diisi.</span>");
27         return;
28       }
29
30       $.ajax({
31         url: 'simpan_data.php',
32         type: 'POST',
33         data: { name: name, email: email },
34         success: function(response){
35           $('#message').html(response);
36           $('#name').val('');
37           $('#email').val('');
38         }
39       });
40     });
41   });
42 </script>
43 </body>
44 </html>
```

Terminal Help ← → latihan 3

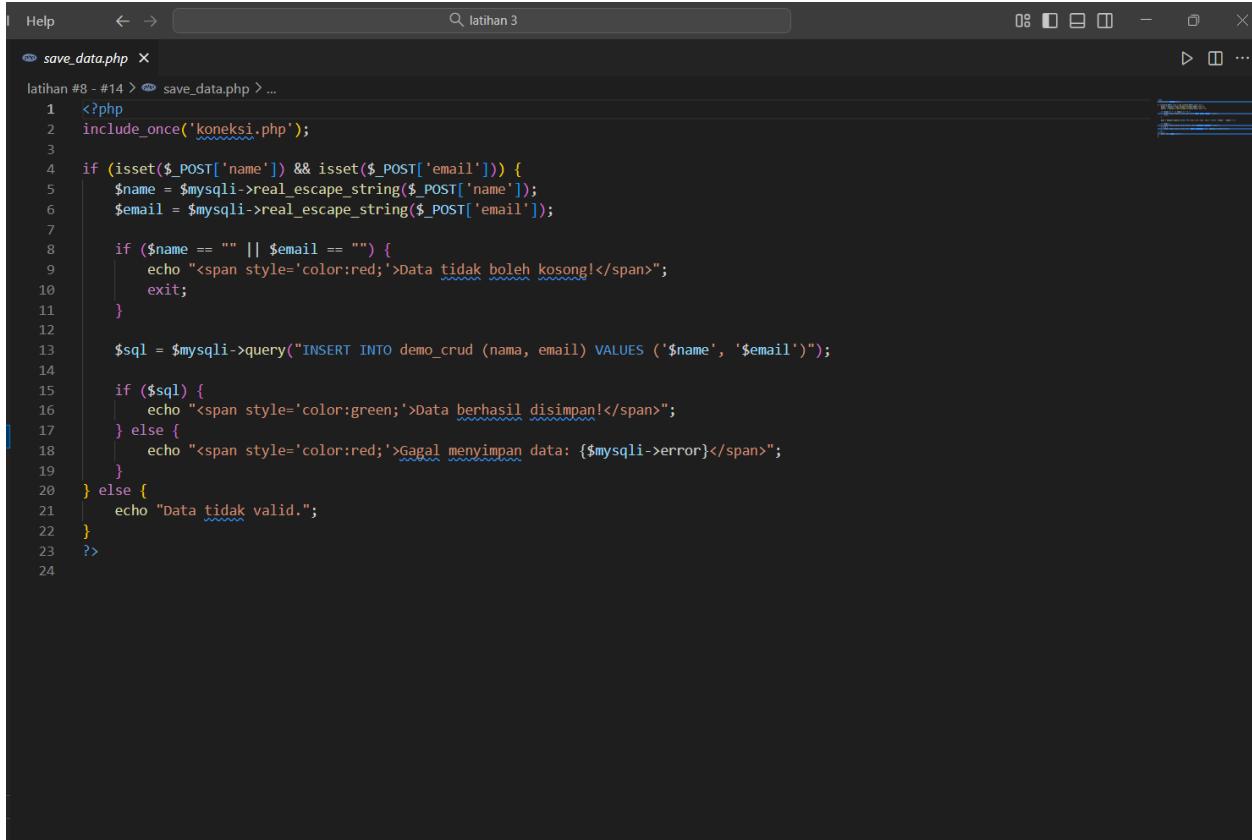
```
form_create_read_data3.php x
latihan #8 - #14 > form_create_read_data3.php ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <title>latihan 13 - Form + Tampil Data v3</title>
6  </head>
7  <body>
8    <h2>Tambah Data (AJAX + Tampil)</h2>
9
10   <form id="myForm">
11     <label for="name">Nama:</label><br>
12     <input type="text" id="name" name="name" placeholder="Masukkan Nama"><br><br>
13
14     <label for="email">Email:</label><br>
15     <input type="text" id="email" name="email" placeholder="Masukkan Email"><br><br>
16
17     <input type="button" id="submitBtn" value="Submit">
18   </form>
19
20   <div id="message"></div>
21
22   <h3>Data Tersimpan:</h3>
23   <div id="tampilData"></div>
24
25   <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
26 <script>
27   $(document).ready(function() {
28     function loadData() {
29       $.ajax({
30         url: 'tampil_data_v3.php',
31         type: 'GET',
32         success: function(response) {
33           $('#tampilData').html(response);
34         }
35       });
36     }
37
38     // Load existing data when page loads
39     loadData();
40
41     $('#submitBtn').click(function() {
42       var name = $('#name').val();
43       var email = $('#email').val();
44       var errorMessage = '';
45     });
46   });
47 </script>
```

Terminal Help ← → latihan 3

```
form_create_read_datav3.php ×
latihan #8 - #14 > form_create_read_datav3.php > ...
1 <html lang="en">
2 <body>
3   <script>
4     $(document).ready(function() {
5       function loadData() {
6         success: function(response) {
7           $('#tampilData').html(response);
8         }
9       });
10      });
11    });
12  // Load existing data when page loads
13  loadData();
14
15  $('#submitBtn').click(function() {
16    var name = $('#name').val();
17    var email = $('#email').val();
18    var errorMessage = '';
19
20    if (name == '') errorMessage += 'Nama tidak boleh kosong.<br>';
21    if (email == '') errorMessage += 'Email tidak boleh kosong.<br>';
22
23    if (errorMessage != '') {
24      $('#message').html('<div style="color:red;">' + errorMessage + '</div>');
25    } else {
26      $.ajax({
27        url: 'simpan_data_v2.php',
28        type: 'POST',
29        data: { name: name, email: email },
30        success: function(response) {
31          $('#message').html(response);
32          $('#name').val('');
33          $('#email').val('');
34          loadData(); // refresh table
35        }
36      });
37    }
38  });
39
40  </script>
41 </body>
42 </html>
```

Help ← → latihan 3

```
read_datav3.php ×
latihan #8 - #14 > read_datav3.php > ...
1 <?php
2 include_once('koneksi.php');
3
4 $sql = $mysqli->query("SELECT * FROM demo_crud ORDER BY id DESC");
5
6 if ($sql->num_rows > 0) {
7   echo "<table border='1' cellpadding='5'>
8     <tr><th>ID</th><th>Nama</th><th>Email</th></tr>";
9   while ($row = $sql->fetch_assoc()) {
10     echo "<tr>
11       <td>{$row['id']}</td>
12       <td>{$row['nama']}</td>
13       <td>{$row['email']}</td>
14     </tr>";
15   }
16   echo "</table>";
17 } else {
18   echo "Belum ada data.";
19 }
20 ?>
```



A screenshot of a code editor window titled "latihan 3". The file being edited is "save\_data.php". The code is a PHP script that inserts data into a MySQL database table named "demo\_crud". It checks if both "name" and "email" fields are set. If either is empty, it outputs an error message. Otherwise, it performs an INSERT query and checks if it was successful. If successful, it outputs a success message; if not, it outputs an error message.

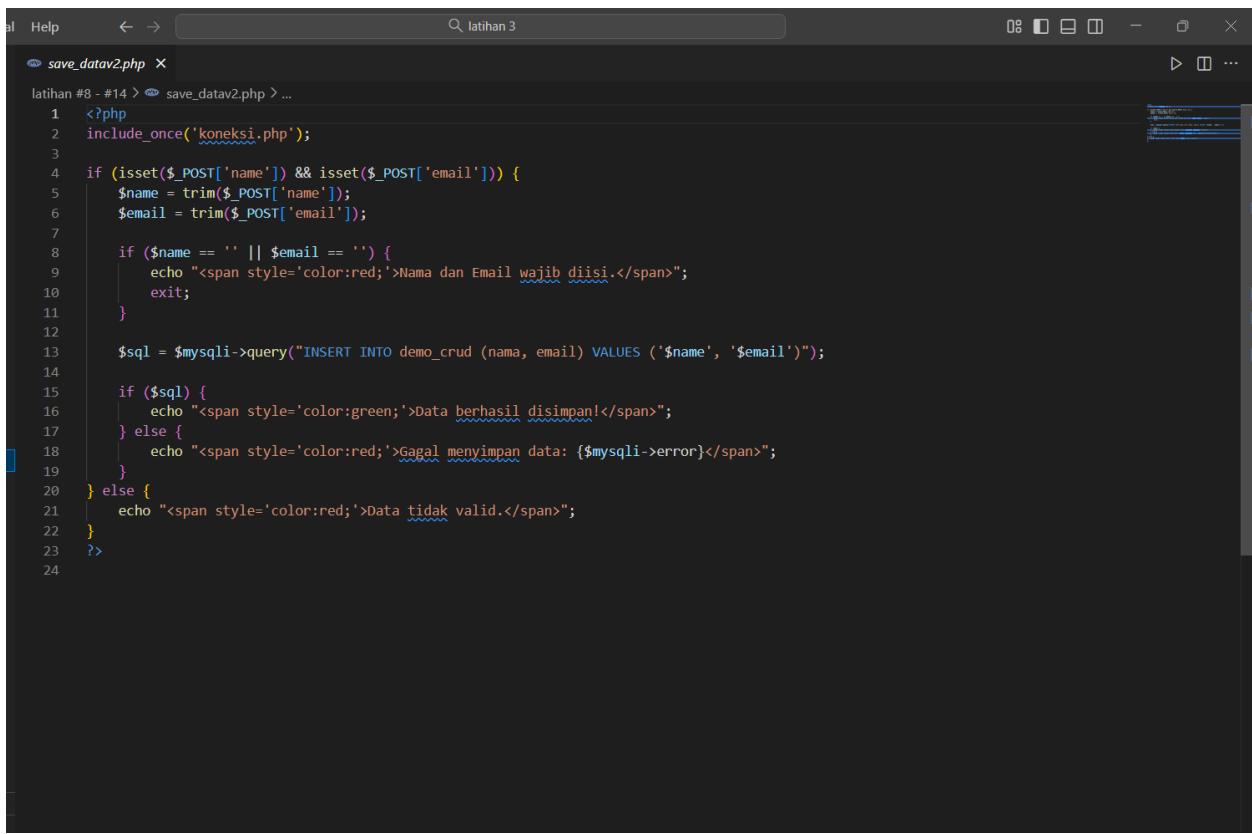
```
<?php
include_once('koneksi.php');

if (isset($_POST['name']) && isset($_POST['email'])) {
    $name = $mysqli->real_escape_string($_POST['name']);
    $email = $mysqli->real_escape_string($_POST['email']);

    if ($name == "" || $email == "") {
        echo "<span style='color:red;'>Data tidak boleh kosong!</span>";
        exit;
    }

    $sql = $mysqli->query("INSERT INTO demo_crud (nama, email) VALUES ('$name', '$email')");

    if ($sql) {
        echo "<span style='color:green;'>Data berhasil disimpan!</span>";
    } else {
        echo "<span style='color:red;'>Gagal menyimpan data: {$mysqli->error}</span>";
    }
} else {
    echo "Data tidak valid.";
}
?>
```



A screenshot of a code editor window titled "latihan 3". The file being edited is "save\_datav2.php". This script is similar to "save\_data.php" but includes a trim() function to remove whitespace from the input fields before performing the validation and insertion. The validation logic remains the same: if either "name" or "email" is empty, an error message is displayed. Otherwise, the data is inserted into the database and a success message is output.

```
<?php
include_once('koneksi.php');

if (isset($_POST['name']) && isset($_POST['email'])) {
    $name = trim($_POST['name']);
    $email = trim($_POST['email']);

    if ($name == '' || $email == '') {
        echo "<span style='color:red;'>Nama dan Email wajib diisi.</span>";
        exit;
    }

    $sql = $mysqli->query("INSERT INTO demo_crud (nama, email) VALUES ('$name', '$email')");

    if ($sql) {
        echo "<span style='color:green;'>Data berhasil disimpan!</span>";
    } else {
        echo "<span style='color:red;'>Gagal menyimpan data: {$mysqli->error}</span>";
    }
} else {
    echo "<span style='color:red;'>Data tidak valid.</span>";
}
?>
```

## SOAL 15

The screenshot shows a code editor interface with the following details:

- Explorer Bar:** On the left, there is a sidebar titled "LATIHAN WAD" containing files: connect.php, Create.php, Delete.php, DemoCrud.php, koneksi.php, Read.php, and Validate.js.
- Code Editor:** The main area displays the content of the "DemoCrud.php" file. The code is a combination of PHP and HTML, designed for a CRUD application. It includes form fields for product name and email, validation messages, and a table to display product data.
- Bottom Status Bar:** The status bar at the bottom shows "PHP Live", "Ln 51, Col 8", "Spaces: 4", "UTF-8 CRLF", and icons for "PHP", "Go Live", and "Live Server".

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CRUD Produk dengan AJAX dan Validasi Form</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h2>Demo CRUD</h2>
    <!-- Form untuk menambah/edit produk -->
    <form id="formDemo">
        <input type="hidden" id="id" name="id">

        <label for="name">Nama:</label>
        <input type="text" id="name" name="name" placeholder="Masukkan Nama"><br>
        <span class="error" id="errorName"></span><br>

        <label for="email">Email:</label>
        <input type="text" id="email" name="email" placeholder="Masukkan Email"><br>
        <span class="error" id="errorEmail"></span><br>

        <button type="submit">Simpan</button>
    </form>

    <!-- Tabel untuk menampilkan data produk -->
    <br><br>
    <button class='addBtn'>Tambah</button>
    <table border="1">
        <thead>
            <tr>
                <th>ID</th>
                <th>Nama</th>
                <th>Email</th>
                <th>Aksi</th>
            </tr>
        </thead>
        <br><br>
        <tbody id="dataDemo">
```

The screenshot shows a code editor interface with the following details:

- Explorer Bar:** On the left, there's a sidebar with icons for file operations like Open, Save, and Find, along with sections for OUTLINE and TIMELINE.
- File Explorer:** A tree view under "LATIHAN WAD" containing files: connect.php, DemoCrud.php, Validate.js, koneksi.php, Delete.php, Create.php, Read.php, and Read.js.
- Code Editor:** The main area displays the content of the "DemoCrud.php" file. The code is a combination of PHP and JavaScript, used for a simple product management application. It includes form validation logic using jQuery and AJAX to update a table.
- Status Bar:** At the bottom, it shows "PHP Live" and "Ln 51, Col 8" along with other standard status bar information.

```
connect.php DemoCrud.php JS Validate.js koneksi.php Delete.php Create.php Read.php Read.js

<?php
    // Kode PHP untuk proses tambah dan edit produk
    // ...
    $aksi = $_GET['aksi'];
    if ($aksi == 'tambah') {
        // Kode untuk menambahkan produk
        // ...
    } else if ($aksi == 'edit') {
        // Kode untuk mengedit produk
        // ...
    }
?>

<!DOCTYPE html>
<html>
    <head>
        <title>latihan WAD</title>
        <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
        <script src="validate.js"></script>
    </head>
    <body>
        <form id="formDemo">
            <label for="name">Nama:</label>
            <input type="text" id="name" name="name" placeholder="Masukkan Nama"><br>
            <span class="error" id="errorName"></span><br>

            <label for="email">Email:</label>
            <input type="text" id="email" name="email" placeholder="Masukkan Email"><br>
            <span class="error" id="errorEmail"></span><br>

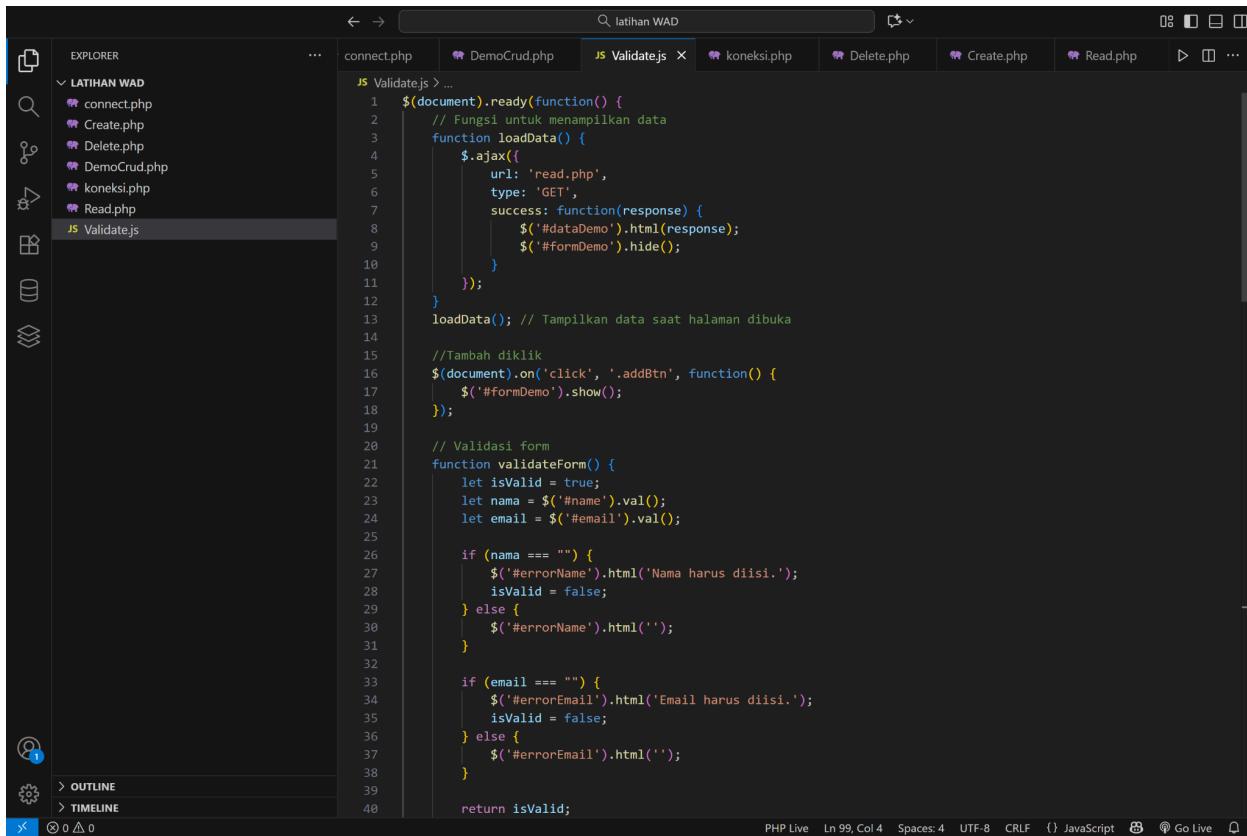
            <button type="submit">Simpan</button>
        </form>

        <!-- Tabel untuk menampilkan data produk -->
        <br><br>
        <button class="addBtn">Tambah</button>
        <table border="1">
            <thead>
                <tr>
                    <th>ID</th>
                    <th>Nama</th>
                    <th>Email</th>
                    <th>Aksi</th>
                </tr>
            </thead>
            <br><br>
            <tbody id="dataDemo">
                <!-- Data produk akan ditampilkan di sini melalui AJAX -->
            </tbody>
        </table>

        <!-- Div untuk menampilkan pesan status -->
        <div id="statusMessage"></div>

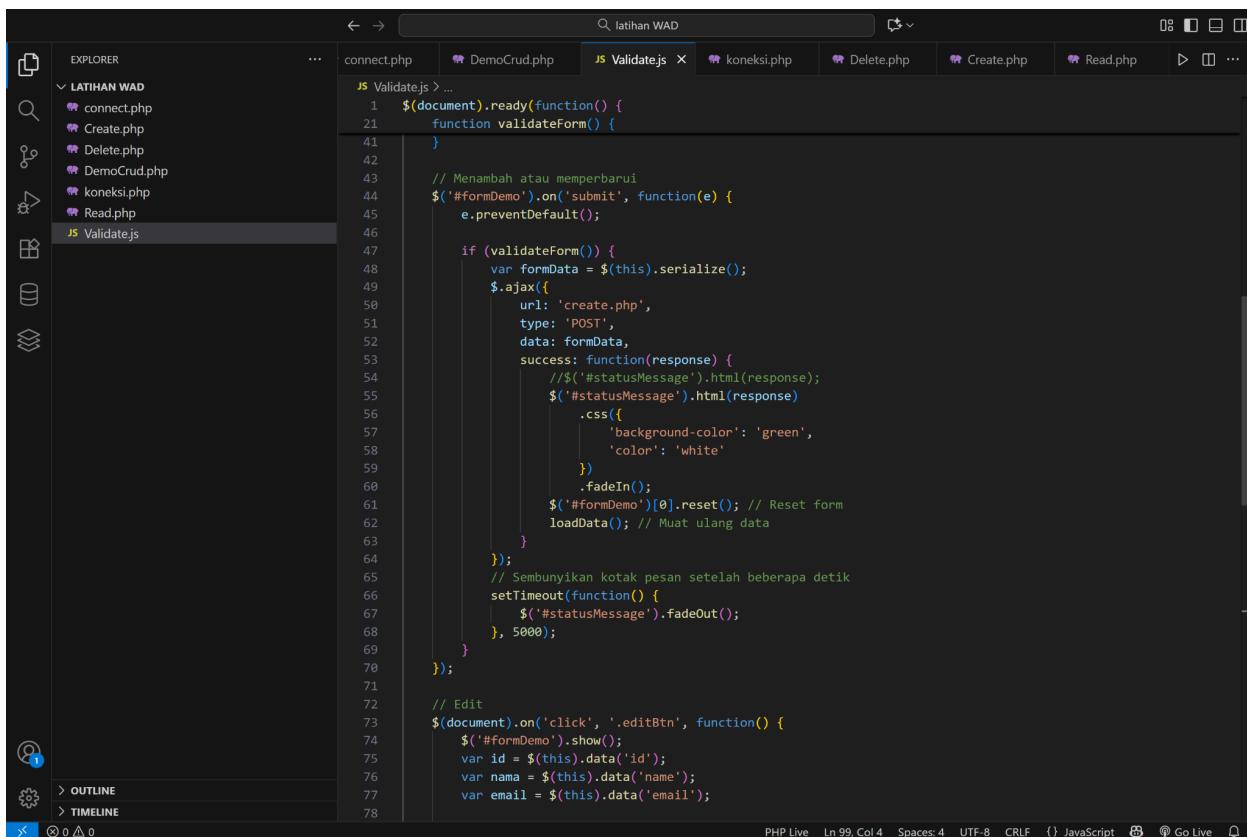
        <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
        <script src="validate.js"></script>
    </body>
</html>
```

## SOAL 16



```
connect.php DemoCrud.php Validate.js x koneksi.php Delete.php Create.php Read.php > < ...
```

```
JS Validate.js > ...
1 $(document).ready(function() {
2     // Fungsi untuk menampilkan data
3     function loadData() {
4         $.ajax({
5             url: 'read.php',
6             type: 'GET',
7             success: function(response) {
8                 $('#dataDemo').html(response);
9                 $('#formDemo').hide();
10            }
11        });
12    }
13    loadData(); // Tampilkan data saat halaman dibuka
14
15    //Tambah diklik
16    $(document).on('click', '.addBtn', function() {
17        $('#formDemo').show();
18    });
19
20    // Validasi form
21    function validateForm() {
22        let isValid = true;
23        let nama = $('#name').val();
24        let email = $('#email').val();
25
26        if (nama === "") {
27            $('#errorName').html('Nama harus diisi.');
28            isValid = false;
29        } else {
30            $('#errorName').html('');
31        }
32
33        if (email === "") {
34            $('#errorEmail').html('Email harus diisi.');
35            isValid = false;
36        } else {
37            $('#errorEmail').html('');
38        }
39
40        return isValid;
41    }
42
43    // Menambah atau memperbarui
44    $('#formDemo').on('submit', function(e) {
45        e.preventDefault();
46
47        if (validateForm()) {
48            var formData = $(this).serialize();
49            $.ajax({
50                url: 'create.php',
51                type: 'POST',
52                data: formData,
53                success: function(response) {
54                    //$('#statusMessage').html(response);
55                    $('#statusMessage').html(response)
56                    .css({
57                        'background-color': 'green',
58                        'color': 'white'
59                    })
60                    .fadeIn();
61                    $('#formDemo')[0].reset(); // Reset form
62                    loadData(); // Muat ulang data
63                }
64            });
65            // Sembunyikan kotak pesan setelah beberapa detik
66            setTimeout(function() {
67                $('#statusMessage').fadeOut();
68            }, 5000);
69        }
70
71        // Edit
72        $(document).on('click', '.editBtn', function() {
73            $('#formDemo').show();
74            var id = $(this).data('id');
75            var nama = $(this).data('name');
76            var email = $(this).data('email');
```



```
connect.php DemoCrud.php Validate.js x koneksi.php Delete.php Create.php Read.php > < ...
```

```
JS Validate.js > ...
1 $(document).ready(function() {
2     function validateForm() {
3
4        // Menambah atau memperbarui
5        $('#formDemo').on('submit', function(e) {
6            e.preventDefault();
7
8            if (validateForm()) {
9                var formData = $(this).serialize();
10               $.ajax({
11                   url: 'create.php',
12                   type: 'POST',
13                   data: formData,
14                   success: function(response) {
15                       //$('#statusMessage').html(response);
16                       $('#statusMessage').html(response)
17                       .css({
18                           'background-color': 'green',
19                           'color': 'white'
20                       })
21                       .fadeIn();
22                       $('#formDemo')[0].reset(); // Reset form
23                       loadData(); // Muat ulang data
24                   }
25               });
26               // Sembunyikan kotak pesan setelah beberapa detik
27               setTimeout(function() {
28                   $('#statusMessage').fadeOut();
29               }, 5000);
30           }
31
32           // Edit
33           $(document).on('click', '.editBtn', function() {
34               $('#formDemo').show();
35               var id = $(this).data('id');
36               var nama = $(this).data('name');
37               var email = $(this).data('email');
```

The screenshot shows a code editor interface with the following details:

- Explorer Bar:** On the left, there's a sidebar titled "EXPLORER" containing a tree view of files under "LATIHAN WAD". The files listed are connect.php, DemoCrud.php, Validate.js (which is selected), koneksi.php, Delete.php, Create.php, and Read.php.
- Search Bar:** At the top center, it says "latihan WAD".
- Code Editor:** The main area displays the content of the "Validate.js" file. The code is written in JavaScript and includes jQuery syntax. It handles form submission, editing, and deleting data from a database.
- Status Bar:** At the bottom, it shows "PHP Live" and "Ln 99, Col 4" along with other settings like "Spaces: 4", "UTF-8", "CRLF", and "JavaScript". There are also icons for "Go Live" and "File" operations.

```
JS Validate.js > ...
1  $(document).ready(function() {
44    $('#formDemo').on('submit', function(e) {
66      e.preventDefault();
67      setTimeout(function() {
68        $('#statusMessage').fadeOut();
69      }, 5000);
70    });
71
72    // Edit
73    $(document).on('click', '.editBtn', function() {
74      $('#formDemo').show();
75      var id = $(this).data('id');
76      var nama = $(this).data('name');
77      var email = $(this).data('email');
78
79      $('#id').val(id);
80      $('#name').val(nama);
81      $('#email').val(email);
82    });
83
84    // Hapus
85    $(document).on('click', '.deleteBtn', function() {
86      var id = $(this).data('id');
87      if (confirm('Anda yakin ingin menghapus data ini?')) {
88        $.ajax({
89          url: 'delete.php',
90          type: 'POST',
91          data: { id: id },
92          success: function(response) {
93            $('#statusMessage').html(response);
94            loadData(); // Muat ulang data
95          }
96        });
97      }
98    });
99});
```

## SOAL 17

The screenshot shows a code editor interface with a dark theme. The left sidebar has icons for file operations, search, and navigation. The main area displays a PHP script named 'Create.php'.

```
1 <?php
2 include_once('koneksi.php');
3
4 if (isset($_POST['name']) && isset($_POST['email'])) {
5     $id = isset($_POST['id']) ? $_POST['id'] : '';
6     $name = $_POST['name'];
7     $email = $_POST['email'];
8
9     if($id){
10         $sql = mysqli_query($mysqli, "UPDATE demo_crud SET name = '$name', email = '$email' WHERE id = '$id'");
11         //mysqli adalah variabel yang digunakan pada file koneksi.php
12
13         if($sql === TRUE){
14             echo "Data berhasil disimpan";
15         } else {
16             echo "Data tidak valid";
17         }
18     } else{
19         $sql = mysqli_query($mysqli, "INSERT INTO demo_crud (nama, email) VALUES ('$name', '$email')");
20         //mysqli adalah variabel yang digunakan pada file koneksi.php
21
22         if($sql === TRUE){
23             echo "Data berhasil disimpan";
24         } else {
25             echo "Data tidak valid";
26         }
27     }
28 }
29 ?>
```

The status bar at the bottom shows: PHP Live, Ln 29, Col 3, Spaces: 4, UTF-8, CRLF, {} PHP, Go Live, and a refresh icon.

## SOAL 18

The screenshot shows a code editor interface with a dark theme. The left sidebar has icons for file operations like Open, Save, and Close. The Explorer panel on the left lists files: connect.php, DemoCrud.php, Validate.js, koneksi.php, Delete.php, Create.php, and Read.php, with Read.php selected. The main editor area contains the following PHP code:

```
<?php
include_once('koneksi.php');
$sql = mysqli_query($mysqli, "SELECT * FROM demo_crud ORDER BY id DESC");
if ($sql->num_rows > 0) {
    while ($row = $sql->fetch_assoc()) {
        echo "<tr>
            <td>" . $row['id'] . "</td>
            <td>" . $row['nama'] . "</td>
            <td>" . $row['email'] . "</td>
            <td>
                <button class='editBtn' data-id='" . $row['id'] . "' data-name='" . $row['nama'] . "' data-email='"
                <button class='deleteBtn' data-id='" . $row['id'] . "'>Hapus</button>
            </td>
        </tr>";
    }
    echo "</table>";
} else {
    echo "Belum ada data.";
}
?>
```

The status bar at the bottom shows: PHP Live, Ln 22, Col 3, Spaces: 4, UTF-8, CRLF, {} PHP, Go Live, and a refresh icon.

## SOAL 19

The screenshot shows a dark-themed code editor interface with the following details:

- Explorer Bar:** On the left, it shows a tree view of files under the folder "LATIHAN WAD". The files listed are: Welcome, koneksi.php, DemoCrud.php, Validate.js, Delete.php (which is selected), Create.php, and Read.php.
- Search Bar:** At the top center, there is a search bar with the placeholder text "latihan WAD".
- Code Editor:** The main area displays the content of the "Delete.php" file. The code is as follows:

```
1 <?php
2 include_once('koneksi.php');
3
4 if (isset($_POST['id'])) {
5     $id = $_POST['id'];
6
7     $sql = mysqli_query($mysqli, "Delete from demo_crud where id ='$id'");
8     // $mysqli adalah variabel yang digunakan pada file koneksi.php
9
10    if($sql === TRUE){
11        echo "Data berhasil dihapus";
12    } else {
13        echo "Data tidak valid";
14    }
15 }
16 ?>
```

- Bottom Status Bar:** It shows the following information: PHP Live, Ln 16, Col 3, Spaces: 4, UTF-8, CRLF, {} PHP, Go Live, and a refresh icon.
- Sidebar:** On the far left, there is a sidebar with icons for file operations like Open, Save, and Close, and a status bar indicating 0 changes.