Nama   : Raihan Rahmanda Junianto

NIM   : 222112303

Kelas : 2KS4

Praktikum Pertemuan 9 Pemrograman Berbasis Web

1. **File php09A.php**

   Source code:

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>PHP09A</title>
8   </head>
9   <body>
10      <?php
11      echo '
12          <form action="php09B.php" method="post">
13              <label>Item: <input type="text" name="item"></label>
14          </form>
15      ';
16      ?>
17  </body>
18  </html>
```

   Output:

2. **File php09B.php**

   Source code:

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>PHP09B</title>
8   </head>
9   <body>
10      <?php
11          echo 'Item: ', $_REQUEST['item'], "<br>";
12          echo '<form action="php09C.php" method="post">
13          <input type="hidden" name="item" value="', $_REQUEST['item'],'">
14          <label>Address: <input type="text" name="address"></label></form>';
15      ?>
16  </body>
17  </html>
```
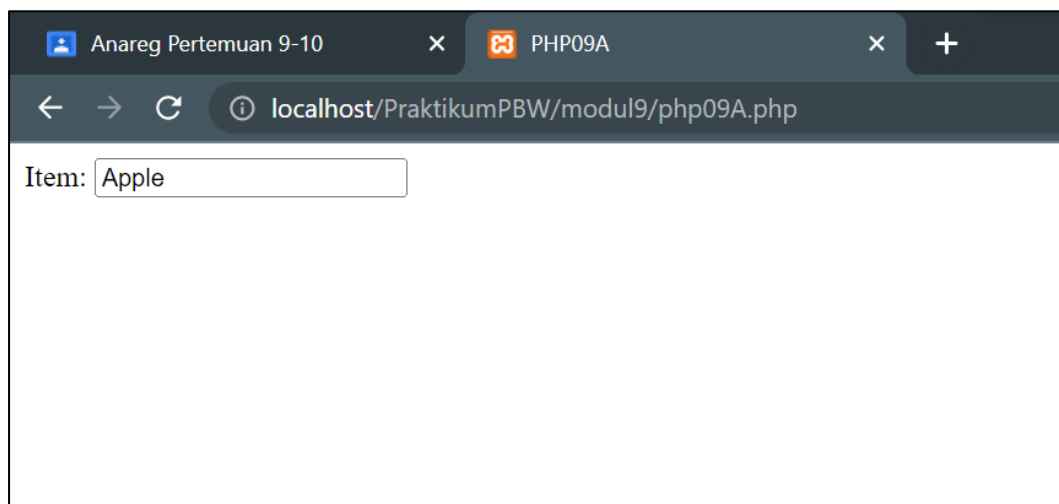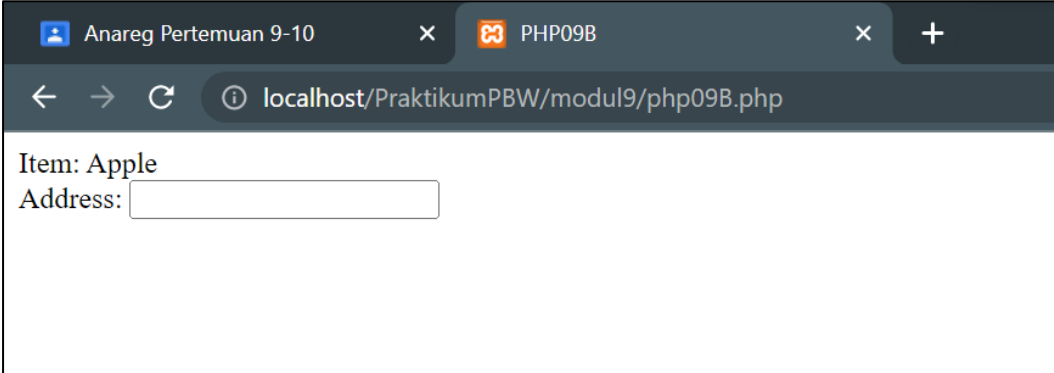
Output:

Item: Apple
Address:

3. File php09C.php

Source code:

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>PHP09C</title>
8   </head>
9   <body>
10      <?php
11          echo 'Item: ', $_REQUEST['item'], '<br>';
12          echo 'Address: ', $_REQUEST['address'], '<br>';
13      ?>
14      <a href="php09A.php">
15          <input type="button" value="Back">
16      </a>
17  </body>
18  </html>
```
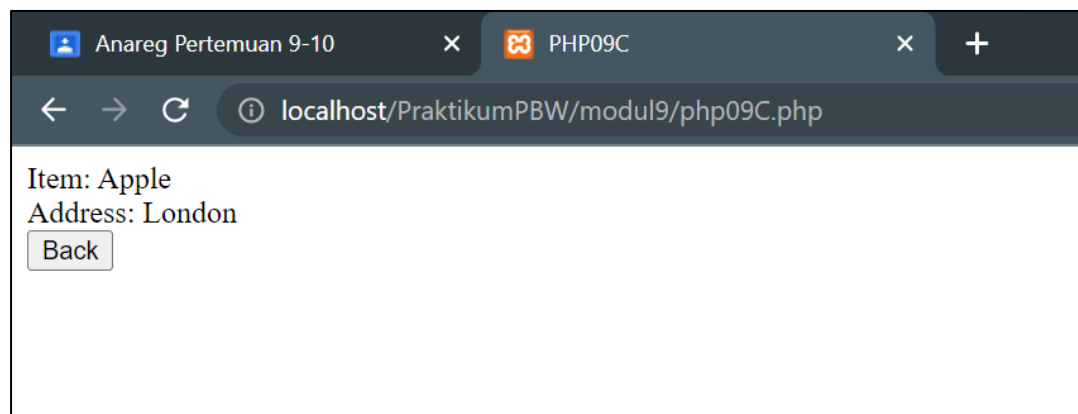
Output:

4. **File php09D.php**

Source code:

```php
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>PHP09D</title>
8       <style>
9           table{
10              border-collapse : collapse;
11              width : 40%;
12          }
13          th,td{
14              border : 1px solid black;
15              padding : 5px;
16              text-align : left;
17          }
18          th{
19              background-color : grey;
20              text-align : center;
21          }
22      </style>
23  </head>
24  <body>
25      <h1>PHP and Databases</h1>
26      <?php
27      $db_hostname = "localhost"; // Write your own db server here
28      $db_database = "praktikumpbw"; // Write your own db name here
29      $db_username = "root"; // Write your own username here
30      $db_password = ""; // Write your own password here
31      // For the best practice, don't use your "real" password when submitting your work
32      $db_charset = "utf8mb4"; // Optional
33      $dsn ="mysql:host=$db_hostname;dbname=$db_database;charset=$db_charset";
34      $opt = array(
35          PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
36          PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
37          PDO::ATTR_EMULATE_PREPARES => false
38      );
39      try {
40          $pdo = new PDO($dsn,$db_username,$db_password,$opt);
41          echo "<h2>Data in meeting table (While loop)</h2>\n";
42          $stmt = $pdo->query("SELECT * FROM modul9_tabel1 ORDER BY slot ASC");
43          echo "Rows retrieved: ".$stmt->rowcount()."<br><br>\n";
44
45          if ($stmt->rowcount()>0) {
46              echo "<table>
47                  <tr>
48                      <th>Slot</th>
49                      <th>Name</th>
50                      <th>Email</th>
51                  </tr>";
52
53              while ($row = $stmt->fetch()) {
54                  echo "<tr>
55                          <td> ".$row["slot"]."</td>
56                          <td> ".$row["name"]."</td>
57                          <td> ".$row["email"]."</td>
58                      </tr>";
59              }
60              echo "</table>";
61          } else {
62              echo "Tidak ada data meetings";
63          }
64
65          echo "<h2>Data in meeting table (Foreach loop)</h2>\n";
66          $stmt = $pdo->query("SELECT * FROM modul9_tabel1 ORDER BY slot ASC");
67          if ($stmt->rowcount()>0) {
68              echo "<table>
69                  <tr>
70                      <th>Slot</th>
71                      <th>Name</th>
72                      <th>Email</th>
73                  </tr>";
74              foreach($stmt as $row) {
75                  echo "<tr>
76                          <td> ".$row["slot"]."</td>
77                          <td> ".$row["name"]."</td>
78                          <td> ".$row["email"]."</td>
79                      </tr>";
80              }
81              echo "</table>";
82          } else {
83              echo "Tidak ada data meetings";
84          }
85          $pdo = NULL;
86      } catch (PDOException $e) {
87          exit("PDO Error: ".$e->getMessage()."<br>");
88      }
89      ?>
90  </body>
91  </html>
```
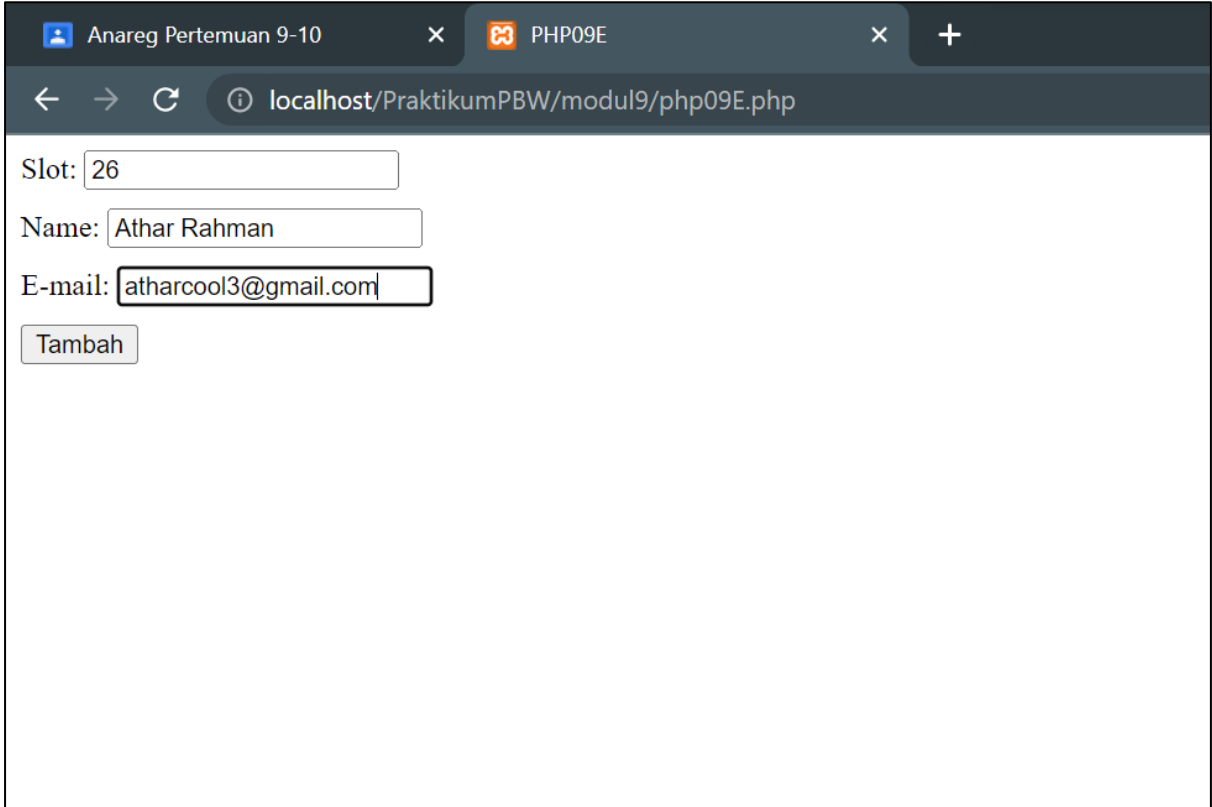
Output:

PHP and Databases

Data in meeting table (While loop)

Rows retrieved: 6

Slot	Name	Email
1	Michael North	m.north@foe.stis.ac.id
3	Raihan Rahmanda	raihanrahmanda22@gmail.com
5	Jody Land	j.land@foe.stis.ac.id
7	Trish Shelby	t.shelby@foe.stis.ac.id
9	Jihan Maisaroh	jihnmaisaroh@gmail.com
20	Ganesha Rahman	ganesagibs04@gmail.com

Data in meeting table (Foreach loop)

Slot	Name	Email
1	Michael North	m.north@foe.stis.ac.id
3	Raihan Rahmanda	raihanrahmanda22@gmail.com
5	Jody Land	j.land@foe.stis.ac.id
7	Trish Shelby	t.shelby@foe.stis.ac.id
9	Jihan Maisaroh	jihnmaisaroh@gmail.com

5. **File php09E.php**

Source code:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>PHP09E</title>
8      <style>
9          input{
10             margin-bottom : 10px;
11         }
12     </style>
13 </head>
14 <body>
15 <form action="php09E_action.php" method="post">
16         Slot: <input type="integer" name="slot"><br>
17         Name: <input type="text" name="name"><br>
18         E-mail: <input type="text" name="email"><br>
19         <input type="submit" value="Tambah">
20     </form>
21 </body>
22 </html>
```
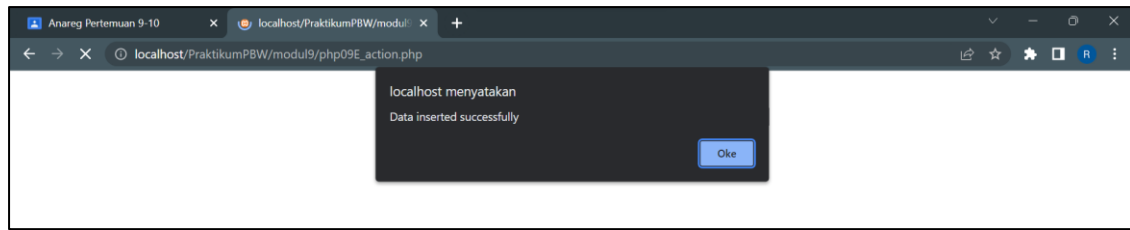
Output:

6. **File php09E_action.php**

Source code:

```php
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "praktikumpbw";
    try {
        $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username,$password);
        // set the PDO error mode to exception
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        $slot = isset($_POST["slot"]) ? $_POST["slot"] : "";
        $name = isset($_POST["name"]) ? $_POST["name"] : "";
        $email = isset($_POST["email"]) ? $_POST["email"] : "";

        $sql = "INSERT INTO modul9_tabel1 (slot, name, email) VALUES ('$slot', '$name','$email')";
        // use exec() because no results are returned
        $conn->exec($sql);
        echo "<script>
                alert('Data inserted successfully');
                document.location.href='php09F.php'
                </script>";
    } catch(PDOException $e) {
        echo $sql . "<br>" . $e->getMessage();
    }
    $conn = null;
?>
```

Output:

7. File php09F.php

Source code:

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>PHP09F</title>
    <style>
        table{
            border-collapse : collapse;
            width : 40%;
        }
        th,td{
            border : 1px solid black;
            padding : 5px;
            text-align : left;
        }
        th{
            background-color : grey;
            text-align : center;
        }
        a {
            margin-top: 100px;
        }
    </style>
</head>
<body>
<?php
    $db_hostname = "localhost"; // Write your own db server here
    $db_database = "praktikumpbw"; // Write your own db name here
    $db_username = "root"; // Write your own username here
    $db_password = ""; // Write your own password here
    // For the best practice, don't use your "real" password when submitting your work
    $db_charset = "utf8mb4"; // Optional
    $dsn ="mysql:host=$db_hostname;dbname=$db_database;charset=$db_charset";
    $opt = array(
        PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
        PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
        PDO::ATTR_EMULATE_PREPARES => false
    );
    try {
        $pdo = new PDO($dsn,$db_username,$db_password,$opt);
        echo "<h1>Data in meeting table</h1>\n";
        $stmt = $pdo->query("SELECT * FROM modul9_tabel1 ORDER BY slot ASC");
        echo "Rows retrieved: ".$stmt->rowcount()."<br><br>\n";

        if ($stmt->rowcount()>0) {
            echo "<table>
                <tr>
                    <th>Slot</th>
                    <th>Name</th>
                    <th>Email</th>
                    <th>Update</th>
                </tr>";

            while ($row = $stmt->fetch()) {
                echo "<tr>
                        <td> ".$row["slot"]."</td>
                        <td> ".$row["name"]."</td>
                        <td> ".$row["email"]."</td>
                        <td> <a href='php09G.php?slot=",$row["slot"],"'><img src='edit.png' style='width:30px;height:30px;margin-left:5px;'></a>
                            <a href='php09H.php?slot=",$row["slot"],"'><img src='remove.png' style='width:30px;height:30px;margin-left:5px;'></a></td>
                    </tr>";
            }
            echo "</table>";
        } else {
            echo "Tidak ada data meetings";
        }
        $pdo = NULL;
    } catch (PDOException $e) {
        exit("PDO Error: ".$e->getMessage()."<br>");
    }
?>
    <br>
    <a href="php09E.php">
        <input type="button" value="input data">
    </a>
</body>
</html>
```

Output:

Data in meeting table

Rows retrieved: 7

Slot	Name	Email	Update
1	Michael North	m.north@foe.stis.ac.id	
3	Raihan Rahmanda	raihanrahmanda22@gmail.com	
5	Jody Land	j.land@foe.stis.ac.id	
7	Trish Shelby	t.shelby@foe.stis.ac.id	
9	Jihan Maisaroh	jihnmaisaroh@gmail.com	
20	Ganesha Rahman	ganesagibs04@gmail.com	
26	Athar Rahman	atharcool3@gmail.com	

input data

8. **File php09G.php**

   Source code:

```php
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title>PHP09G</title>
5       <style>
6           form {
7               margin: 50px auto;
8               width: 50%;
9           }
10          label {
11              display: block;
12              margin-bottom: 5px;
13              font-size: 18px;
14              font-weight: bold;
15          }
16          input[type="text"] {
17              display: block;
18              margin-bottom: 20px;
19              padding: 10px;
20              border: 1px solid #ccc;
21              border-radius: 5px;
22              width: 100%;
23              font-size: 16px;
24          }
25          input[type="submit"] {
26              padding: 12px 20px;
27              border: none;
28              border-radius: 4px;
29              cursor: pointer;
30              font-size: 18px;
31              justify-content : center;
32          }
33          h1 {
34              margin: 0 auto;
35              text-align: center;
36              padding: 0;
37          }
38      </style>
39  </head>
40  <body>
41      <?php
42      $db_hostname = "localhost";
43      $db_database = "praktikumpbw";
44      $db_username = "root";
45      $db_password = "";
46      $db_charset = "utf8mb4";
47
48      $dsn = "mysql:host=$db_hostname;dbname=$db_database;charset=$db_charset";
49      $opt = array(
50          PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
51          PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
52          PDO::ATTR_EMULATE_PREPARES => false
53      );
54      try {
55          $pdo = new PDO($dsn,$db_username,$db_password,$opt);
56          $slot = $_GET["slot"];
57          $stmt = $pdo->prepare("SELECT * FROM modul9_tabel1 WHERE slot=:slot");
58          $stmt->bindParam(":slot",$slot,PDO::PARAM_INT);
59          $stmt->execute();
60          $data = $stmt->fetch(PDO::FETCH_ASSOC);
61          // atau pakai $stmt->execute([":slot"=>$slot]);
62      } catch (PDOException $e){
63          echo "Error: " . $e->getMessage();
64      }
65      echo '<h1>Update Meeting</h1>';
66      echo '<form action="php09G_action.php" method="post">
67          <label for="slot">Slot:</label>
68          <input type="text" name="slot" id="slot" placeholder="Enter slot..." value="'.$data["slot"].'" required >
69          <label for="name">Name:</label>
70          <input type="text" name="name" id="name" placeholder="Enter name..." value="'.$data["name"].'" required>
71          <label for="email">Email:</label>
72          <input type="text" name="email" id="email" placeholder="Enter email..." value="'.$data["email"].'" required>
73          <input type="submit" value="Submit">
74      </form>';
75      ?>
76  </body>
77  </html>
```
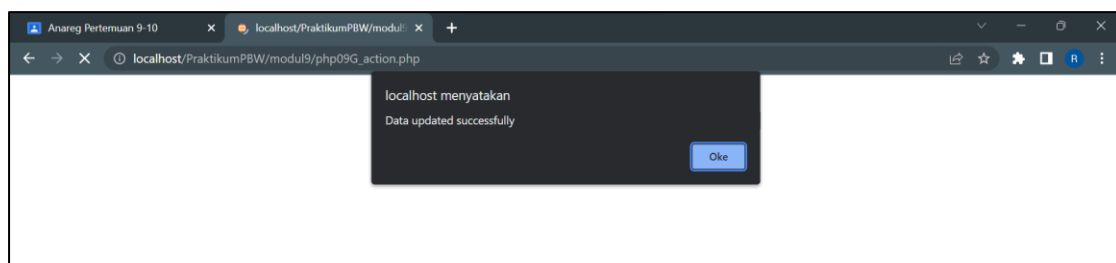
Output:

9. File php09G_action.php

```php
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "praktikumpbw";
    try {
        $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username,$password);
        // set the PDO error mode to exception
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        $slot = isset($_POST["slot"]) ? $_POST["slot"] : "";
        $name = isset($_POST["name"]) ? $_POST["name"] : "";
        $email = isset($_POST["email"]) ? $_POST["email"] : "";

        $sql = "UPDATE `modul9_tabel1` SET `slot`='$slot',`name`='$name',`email`='$email' WHERE slot='$slot'";
        // use exec() because no results are returned
        $conn->exec($sql);
        echo "<script>
                alert('Data updated successfully');
                document.location.href='php09F.php'
                </script>";
    } catch(PDOException $e) {
        echo $sql . "<br>" . $e->getMessage();
    }
    $conn = null;
?>
```

Output:

Data in meeting table

Rows retrieved: 7

Slot	Name	Email	Update
1	Michael North	m.north@foe.stis.ac.id	
3	Raihan Rahmanda	raihanrahmanda22@gmail.com	
5	Jody Land	j.land@foe.stis.ac.id	
7	Trish Shelby	t.shelby@foe.stis.ac.id	
9	Jihan Maisaroh	jihnmaisaroh@gmail.com	
20	Ganesha Rahman	ganesagibs04@gmail.com	
26	Athar Rahman	asyamath45@gmail.com	

input data

10. File php09H.php

Source code:

```php
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "praktikumpbw";
    try {
        $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username,$password);
        // set the PDO error mode to exception
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        $slot = $_GET['slot'];

        $sql = "DELETE FROM `modul9_tabel1` WHERE slot='$slot'";
        // use exec() because no results are returned
        $conn->exec($sql);
        echo "<script>
                alert('Data deleted successfully');
                document.location.href='php09F.php'
                </script>";
    } catch(PDOException $e) {
        echo $sql . "<br>" . $e->getMessage();
    }
    $conn = null;
?>
```

Output: