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Kelas / No : 2KS1 / 25

MODUL 9 PEMROGRAMAN BERBASIS WEB FORM HANDLING DAN KONEKSI DATABASE

A. Source Code

Keseluruhan source code dapat diakses pada: <https://github.com/afrzl/Pemrograman-Berbasis-Web/blob/3a42007cdda62e182ff12d283a713e996bd2e611/P9>

1. DB_CON.php

```
<?php
$db_hostname = 'localhost'; // Write your own db server here
$db_database = 'pbw'; // 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 = [
    PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
    PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
    PDO::ATTR_EMULATE_PREPARES => false,
];
```

2. php09A.php

```
<!DOCTYPE html>
<html lang='en-GB'>

<head>
    <title>PHP09 A</title>
</head>

<body>
    <?php
        echo '
            <form action="php09B.php" method="post">
                <label>Item: <input type="text" name="item"></label>
            </form>
        ';
    ?>
</body>
</html>
```

3. php09B.php

```
<!DOCTYPE html>
<html lang='en-GB'>
```

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```
<head>
  <title>PHP09 B</title>
</head>

<body>
  <?php
    echo 'Item: ', $_REQUEST['item'], "<br>";
    echo '
      <form action="php09C.php" method="post">
        <input type="hidden" value="" . $_REQUEST['item'] . "
name="item">
        <label>Address: <input type="text"
name="address"></label>
      </form>';
  ?>
</body>

</html>
```

4. php09C.php

```
<!DOCTYPE html>
<html lang='en-GB'>

<head>
  <title>PHP09 C</title>
</head>

<body>
  <?php
    echo 'Item: ', $_REQUEST['item'], '<br>';
    echo 'Address: ', $_REQUEST['address'], '<br>';
  ?>
  <a href="php09A.php"><button>Back</button></a>
</body>

</html>
```

5. php09D.php

```
<!DOCTYPE html>
<html lang='en-GB'>

<head>
  <title>PHP09 D</title>
</head>

<body>
  <h1>PHP and Databases</h1>
  <?php
    $db_hostname = 'localhost'; // Write your own db server
here
    $db_database = 'pbw'; // Write your own db name here
    $db_username = 'root'; // Write your own username here
    $db_password = ''; // Write your own password here
```

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```
// 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 = [
    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 "<h2>Data in meeting table (While loop)</h2>\n";
    $stmt = $pdo->query('select * from meetings');
    echo 'Rows retrieved: ' . $stmt->rowCount() .
"<br><br>\n";
    while ($row = $stmt->fetch()) {
        echo 'Slot: ', $row['slot'], "<br>\n";
        echo 'Name: ', $row['name'], "<br>\n";
        echo 'Email: ', $row['email'], "<br><br>\n";
    }
    echo "<h2>Data in meeting table (Foreach
loop)</h2>\n";
    $stmt = $pdo->query('select * from meetings');
    foreach ($stmt as $row) {
        echo 'Slot: ', $row['slot'], "<br>\n";
        echo 'Name: ', $row['name'], "<br>\n";
        echo 'Email: ', $row['email'], "<br><br>\n";
    }
    $pdo = null;
} catch (PDOException $e) {
    exit('PDO Error: ' . $e->getMessage() . '<br>');
}
?>
</body>

</html>
```

6. php09E.php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Tambah Data Meeting</title>
    <style>
        label {
            width: 50px;
```

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```
        display: inline-block;
    }
    div {
        margin-bottom: 10px
    }
</style>
</head>
<body>
    <h1>Form Menambahkan Data Meeting</h1>
    <form action="php09E_action.php" method="POST">
        <div>
            <label for="slot">Slot:</label>
            <input type="number" id="slot" name="slot">
        </div>
        <div>
            <label for="name">Name:</label>
            <input type="text" id="name" name="name">
        </div>
        <div>
            <label for="name">Email:</label>
            <input type="email" id="email" name="email">
        </div>
        <input type="submit" value="Tambah">
    </form>
</body>
</html>
```

7. php09E_action.php

```
<?php
require 'DB_CON.php';
try {
    $slot = $_POST['slot'];
    $name = $_POST['name'];
    $email = $_POST['email'];

    $pdo = new PDO($dsn, $db_username, $db_password, $opt);

    $query = 'SELECT * FROM meetings WHERE slot = :slot';
    $stmt = $pdo->prepare($query);
    $stmt->bindParam(':slot', $slot, PDO::PARAM_INT);
    $stmt->execute();
    $row = $stmt->fetch(PDO::FETCH_ASSOC);
    if ($row) {
        $message = urlencode('Slot ' . $slot . ' sudah ada');
        header('Location: php09F.php?color=red&msg=' .
$message);
    }

    $query = 'INSERT INTO meetings VALUES (:slot, :name,
:email)';

    $stmt = $pdo->prepare($query);
```

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```
$stmt->bindParam(':slot', $slot, PDO::PARAM_INT);
$stmt->bindParam(':name', $name, PDO::PARAM_STR);
$stmt->bindParam(':email', $email, PDO::PARAM_STR);
$stmt->execute();
$pdo = null;

$message = urlencode('Data berhasil ditambah');
header('Location: php09F.php?color=green&msg=' .
$message);
} catch (PDOException $e) {
    exit('PDO Error: ' . $e->getMessage() . '<br>');
}
```

8. php09F.php

```
<!DOCTYPE html>
<html lang='en-GB'>

<head>
    <title>PHP09 F</title>
    <style>
        table,
        th,
        td {
            border: 1px solid black;
            border-collapse: collapse;
            padding: 5px;
        }
    </style>
</head>

<body>
    <h1>PHP and Databases</h1>
    <?php
        $db_hostname = 'localhost'; // Write your own db server
here
        $db_database = 'pbw'; // 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_chars
et";
        $opt = [
            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);
```

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```
echo "<h2>Data in meeting table</h2>\n";
if (isset($_GET['msg'])) {
    echo "<p style='color: " .
        $_GET['color'] .
        "'>" .
        $_GET['msg'] .
        "</p>";
}
$stmt = $pdo->query('select * from meetings order by
slot');
echo 'Rows retrieved: ' . $stmt->rowCount() .
"<br><br>\n";

echo "<a href='php09E.php'><button>Tambah
Data</button></a>";
echo "<table style='margin-top: 10px'>
    <thead>
        <tr>
            <th>Slot</th>
            <th>Name</th>
            <th>Email</th>
            <th></th>
        </tr>
    </thead>
    <tbody>";

while ($row = $stmt->fetch()) {
    echo '<tr><td>' .
        $row['slot'] .
        '</td><td>' .
        $row['name'] .
        '</td><td>' .
        $row['email'] .
        '</td>' .
        '<td>' .
        '<a style="margin-right: 15px"
href="php09G.php?slot=' .
        $row['slot'] .
        '"></img></a>' .
        '<a onclick="return confirm(`Apakah kamu yakin
akan menghapus data?`)" href="php09H.php?slot=' .
        $row['slot'] .
        '"></img></a>' .
        '</td></tr>';
}

echo '</tbody></table>';
$pdo = null;
} catch (PDOException $e) {
    exit('PDO Error: ' . $e->getMessage() . '<br>');
```

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```
}  
?>  
</body>  
  
</html>
```

9. php09G.php

```
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width,  
initial-scale=1.0">  
  <meta http-equiv="X-UA-Compatible" content="ie=edge">  
  <title>Tambah Data Meeting</title>  
  <style>  
    label {  
      width: 50px;  
      display: inline-block;  
    }  
  
    div {  
      margin-bottom: 10px  
    }  
  </style>  
</head>  
  
<body>  
  <h1>Form Mengubah Data Meeting</h1>  
  <?php  
    require 'DB_CON.php';  
    $slot = $_GET['slot'];  
    $pdo = new PDO($dsn, $db_username, $db_password, $opt);  
    try {  
      $query = 'SELECT * FROM meetings WHERE slot = :slot';  
      $stmt = $pdo->prepare($query);  
      $stmt->bindParam(':slot', $slot, PDO::PARAM_INT);  
      $stmt->execute();  
      $row = $stmt->fetch(PDO::FETCH_ASSOC);  
      if (!$row) {  
        $message = urlencode('Data tidak ditemukan');  
        header('Location: php09F.php?color=red&msg=' .  
$message);  
      }  
  
      $name = $row['name'];  
      $email = $row['email'];  
      $pdo = null;  
    } catch (PDOException $e) {  
      exit('PDO Error: ' . $e->getMessage() . '<br>');  
    }  
  }
```

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```
?>
<form action="php09G_action.php" method="POST">
  <div>
    <label for="slot">Slot:</label>
    <input type="number" value="<?= $slot ?>" readonly
id="slot" name="slot">
  </div>
  <div>
    <label for="name">Name:</label>
    <input type="text" value="<?= $name ?>" id="name"
name="name">
  </div>
  <div>
    <label for="name">Email:</label>
    <input type="email" value="<?= $email ?>"
id="email" name="email">
  </div>
  <input type="submit" value="Tambah">
</form>
</body>
</html>
```

10. php09G_action.php

```
<?php
require 'DB_CON.php';
try {
    $slot = $_POST['slot'];
    $name = $_POST['name'];
    $email = $_POST['email'];

    $pdo = new PDO($dsn, $db_username, $db_password, $opt);

    $query =
        'UPDATE meetings SET name = :name, email = :email
WHERE slot = :slot';

    $stmt = $pdo->prepare($query);
    $stmt->bindParam(':slot', $slot, PDO::PARAM_INT);
    $stmt->bindParam(':name', $name, PDO::PARAM_STR);
    $stmt->bindParam(':email', $email, PDO::PARAM_STR);
    $stmt->execute();
    $pdo = null;

    $message = urlencode('Data berhasil diubah');
    header('Location: php09F.php?color=green&msg=' .
$message);
} catch (PDOException $e) {
    exit('PDO Error: ' . $e->getMessage() . '<br>');
}
```


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11. php09H.php

```
<?php
require 'DB_CON.php';
try {
    $slot = $_GET['slot'];

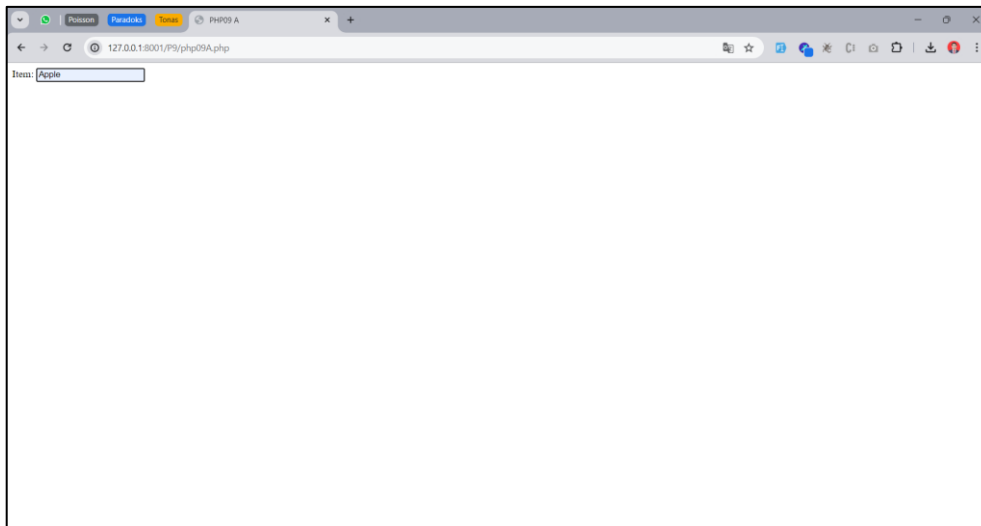
    $pdo = new PDO($dsn, $db_username, $db_password, $opt);

    $query = 'DELETE FROM meetings WHERE slot = :slot';

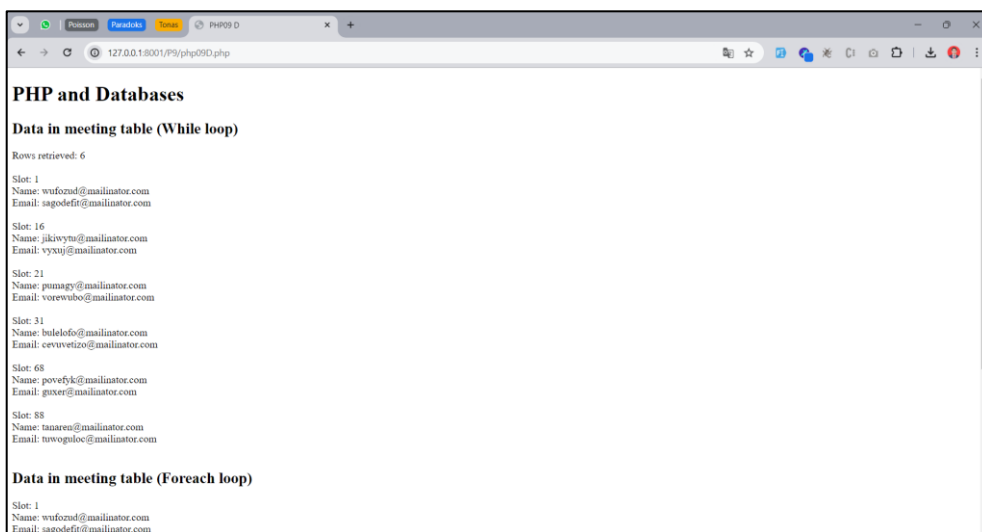
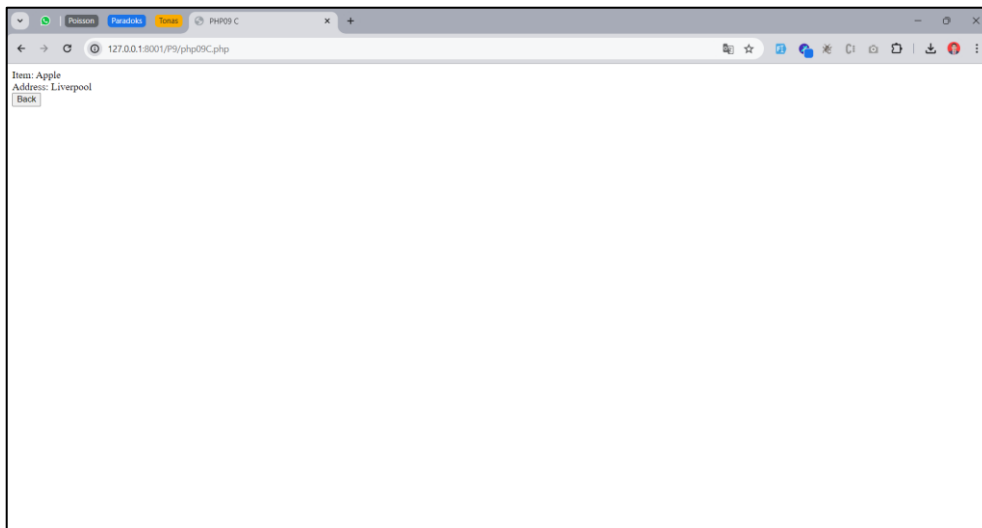
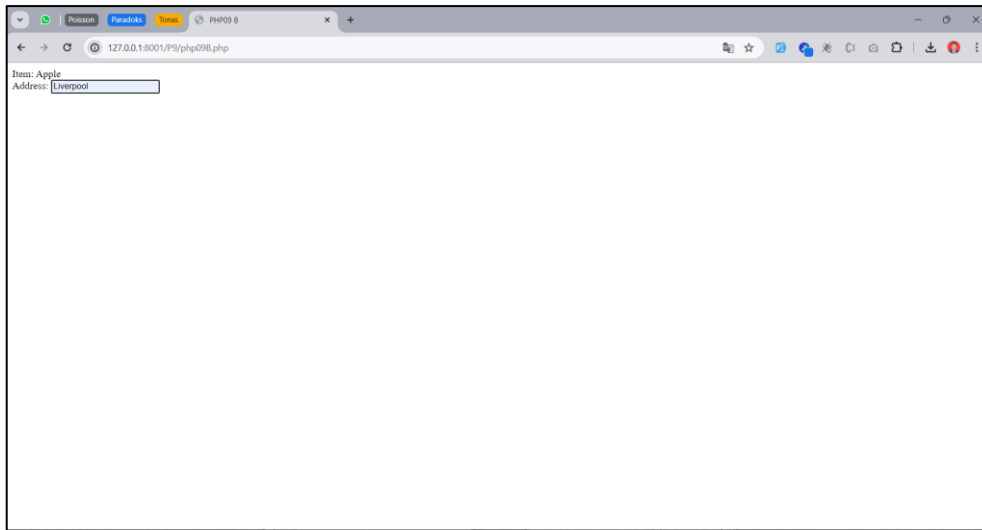
    $stmt = $pdo->prepare($query);
    $stmt->bindParam(':slot', $slot, PDO::PARAM_INT);
    $stmt->execute();
    $pdo = null;

    $message = urlencode('Data berhasil dihapus');
    header('Location: php09F.php?color=green&msg=' .
$message);
} catch (PDOException $e) {
    exit('PDO Error: ' . $e->getMessage() . '<br>');
}
```

B. Output



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Form Menambahkan Data Meeting















Slot:
Name:
Email:

PHP and Databases

Data in meeting table

Data berhasil ditambah

Rows retrieved: 7

Slot	Name	Email		
1	wufozud@mailinator.com	sagodefir@mailinator.com		
16	jikiwyto@mailinator.com	vyxuy@mailinator.com		
21	pumagy@mailinator.com	vorewubo@mailinator.com		
31	hulelofo@mailinator.com	ceuvverizo@mailinator.com		
68	povefyk@mailinator.com	guxer@mailinator.com		
88	taareu@mailinator.com	tuwogiloe@mailinator.com		
89	vogagubam@mailinator.com	bagijeh@mailinator.com		

Form Mengubah Data Meeting

Slot:
Name:
Email:

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PHP and Databases

Data in meeting table

Data berhasil diubah

Rows retrieved: 7

Tambah Data

Slot	Name	Email	
1	wufoznd@mailinator.com	sagodefr@mailinator.com	 
16	jikiwyto@mailinator.com	vyxuj@mailinator.com	 
21	pumagy@mailinator.com	vorewubo@mailinator.com	 
31	gauti nama	gautiemail@gmail.com	 
68	povefyk@mailinator.com	guxer@mailinator.com	 
88	taaren@mailinator.com	tuwogiloe@mailinator.com	 
89	vogagubam@mailinator.com	bagijeh@mailinator.com	 















PHP and Databases

Data in meeting table

Data berhasil diubah

Rows retrieved: 7

Tambah Data

Slot	Name	Email	
1	wufoznd@mailinator.com	sagodefr@mailinator.com	 
16	jikiwyto@mailinator.com	vyxuj@mailinator.com	 
21	pumagy@mailinator.com	vorewubo@mailinator.com	 
31	gauti nama	gautiemail@gmail.com	 
68	povefyk@mailinator.com	guxer@mailinator.com	 
88	taaren@mailinator.com	tuwogiloe@mailinator.com	 
89	vogagubam@mailinator.com	bagijeh@mailinator.com	 

127.0.0.1:8001 menyatakan
Apakah kamu yakin akan menghapus data?

Ok Batal











PHP and Databases

Data in meeting table

Data berhasil dihapus

Rows retrieved: 6

Tambah Data

Slot	Name	Email	
1	wufoznd@mailinator.com	sagodefr@mailinator.com	 
16	jikiwyto@mailinator.com	vyxuj@mailinator.com	 
21	pumagy@mailinator.com	vorewubo@mailinator.com	 
68	povefyk@mailinator.com	guxer@mailinator.com	 
88	taaren@mailinator.com	tuwogiloe@mailinator.com	 
89	vogagubam@mailinator.com	bagijeh@mailinator.com	