

**TUGAS PRAKTIKUM
PRAKTIKUM PAW
MODUL 3 “Validation”**



Disusun Oleh :

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**PRODI TEKNIK INFORMATIKA
JURUSAN TEKNIK INFORMATIKA
FAKULTAS TEKNIK
UNIVERSITAS TRUNOJOYO MADURA
2022**

1. Soal : Buatlah sebuah form yang berisi name, e-mail, website, comment, gender, tombol submit, dan tampilan output dari inputan yang dimasukkan seperti berikut:

Source Code:

```
<!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>Prak3 Soal 1</title>
</head>
<body>
<?php
  // membuat variabel error dan diset kosong
  $nameErr = $emailErr = $genderErr = $websiteErr = "";
  //membuat variabel untuk menampung inputan dari form
  $name = $email = $gender = $comment = $website = "";
  //membuat fungsi untuk validasi input form
  function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
  }
  ?>

  <h2>Modul 3 - PAW 4B <br><?php echo "PHP Form
Validasi";?><h3>
  <h3>Nama : <?php echo "Dewi Imani Al Qur' Ani";?><br>Nim :
200411100014<h3>

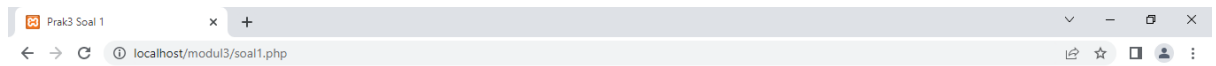
  <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    <span class="error" style="color:red">* required
field</span>
    <br><br>
    <label for="">Name: </label>
    <input type="text" name="name">
    <span class="error" style="color:red">* <?php echo
$nameErr;?></span>
    <br><br>
    <label for="">E-mail: </label>
    <input type="text" name="email">
    <span class="error" style="color:red">* <?php echo
$emailErr;?></span>
    <br><br>
    <label for="">Website: </label>
```

```

<input type="text" name="website">
<span class="error"><?php echo $websiteErr;?></span>
<br><br>
<label for="">Comment: </label>
<textarea name="comment" rows="5" cols="40"></textarea>
<br><br>
<label for="">Gender: </label>
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<span class="error" style="color:red">* <?php echo
$genderErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>
<?php
    //menampilkan hasil dari inputan form
    echo "<h1>Your Input:</h1>";
    // echo $name;
    // echo "<br>";
    // echo $email;
    // echo "<br>";
    // echo $website;
    // echo "<br>";
    // echo $comment;
    // echo "<br>";
    // echo $gender;
?>
</body>
</html>

```

Screenshoot:



Modul 3 - PAW 4B PHP Form Validasi

Nama : Dewi Imani Al Qur' Ani
Nim : 200411100014

* required field

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input:

2. Soal : Buatlah validasi terhadap form, apabila form disubmit dalam keadaan kosong maka akan muncul pesan seperti berikut:

Source Code:

```
<!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>Prak3 Soal2</title>
</head>
<body>
<?php
  // membuat variabel error dan diset kosong
  $nameErr = $emailErr = $genderErr = $websiteErr = "";
  //membuat variabel untuk menampung inputan dari form
  $name = $email = $gender = $comment = $website = "";
  if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
      $nameErr = "Name is required";
    } else {
      $name = test_input($_POST["name"]);
    }
    if (empty($_POST["email"])) {
      $emailErr = "Email is required";
    } else {
      $email = test_input($_POST["email"]);
    }
  }
```

```

if (empty($_POST["website"])) {
    $website = "";
} else {
    $website = test_input($_POST["website"]);
}
if (empty($_POST["comment"])) {
    $comment = "";
} else {
    $comment = test_input($_POST["comment"]);
}
if (empty($_POST["gender"])) {
    $genderErr = "Gender is required";
} else {
    $gender = test_input($_POST["gender"]);
}
}
}
//membuat fungsi untuk validasi input form
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<h2>Modul 3 - PAW 4B <br><?php echo "PHP Form
Validasi";?><h3>
<h3>Nama : <?php echo "Dewi Imani Al Qur' Ani";?><br>Nim :
200411100014<h3>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    <span class="error" style="color:red">* required
field</span>
    <br><br>
    <label for="">Name: </label>
    <input type="text" name="name">
    <span class="error" style="color:red">* <?php echo
$nameErr;?></span>
    <br><br>
    <label for="">E-mail: </label>
    <input type="text" name="email">
    <span class="error" style="color:red">* <?php echo
$emailErr;?></span>
    <br><br>
    <label for="">Website: </label>
    <input type="text" name="website">
    <span class="error"><?php echo $websiteErr;?></span>
    <br><br>
    <label for="">Comment: </label>

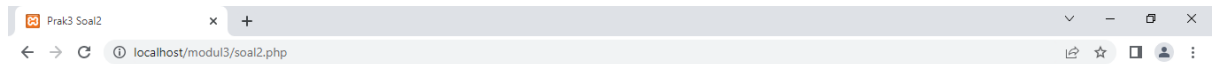
```

```

<textarea name="comment" rows="5" cols="40"></textarea>
<br><br>
<label for="">Gender: </label>
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<span class="error" style="color:red">* <?php echo
$genderErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>
<?php
//menampilkan hasil dari inputan form
echo "<h1>Your Input:</h1>";
// echo $name;
// echo "<br>";
// echo $email;
// echo "<br>";
// echo $website;
// echo "<br>";
// echo $comment;
// echo "<br>";
// echo $gender;
?>
</body>
</html>

```

Screenshoot:



Modul 3 - PAW 4B PHP Form Validasi

Nama : Dewi Imani Al Qur' Ani
Nim : 200411100014

* required field

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input:



- Soal : Berikan validasi terhadap kesalahan input pada name, e-mail dan website, seperti contoh berikut:

Source Code:

```
<!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>Prak3 Soal3</title>
</head>
<body>
<?php
  // membuat variabel error dan diset kosong
  $nameErr = $emailErr = $genderErr = $websiteErr = "";
  //membuat variabel untuk menampung inputan dari form
  $name = $email = $gender = $comment = $website = "";
  if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
      $nameErr = "Name is required";
    } else {
      $name = test_input($_POST["name"]);
      if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
        $nameErr = "Only letters and white space allowed";
      }
      $name = test_input($_POST["name"]);
    }
    if (empty($_POST["email"])) {
      $emailErr = "Email is required";
    } else {
      $email = test_input($_POST["email"]);
      if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        $emailErr = "Invalid email format";
      }
      $email = test_input($_POST["email"]);
    }
    if (empty($_POST["website"])) {
      $website = "";
    } else {
      $website = test_input($_POST["website"]);
      if (!preg_match("/\b(?:(:?https?|ftp):\\\/\\\/|www\\.)([a-z0-9+&@#\/%?=_|!:,.;]*[-a-z0-9+&@#\/%?=_|\/i",$website)) {
        $websiteErr = "Invalid URL";
      }
      $website = test_input($_POST["website"]);
    }
    if (empty($_POST["comment"])) {
      $comment = "";
    } else {
```

```

    $comment = test_input($_POST["comment"]);
}
if (empty($_POST["gender"])) {
    $genderErr = "Gender is required";
} else {
    $gender = test_input($_POST["gender"]);
}
}

//membuat fungsi untuk validasi input form
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>

<h2>Modul 3 - PAW 4B <br><?php echo "PHP Form
Validasi";?><h3>
<h3>Nama : <?php echo "Dewi Imani Al Qur' Ani";?><br>Nim :
200411100014<h3>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    <span class="error" style="color:red">* required
field</span>
    <br><br>
    <label for="">Name: </label>
    <input type="text" name="name">
    <span class="error" style="color:red">* <?php echo
$nameErr;?></span>
    <br><br>
    <label for="">E-mail: </label>
    <input type="text" name="email">
    <span class="error" style="color:red">* <?php echo
$emailErr;?></span>
    <br><br>
    <label for="">Website: </label>
    <input type="text" name="website">
    <span class="error" style="color:red"><?php echo
$websiteErr;?></span>
    <br><br>
    <label for="">Comment: </label>
    <textarea name="comment" rows="5" cols="40"></textarea>
    <br><br>
    <label for="">Gender: </label>
    <input type="radio" name="gender" value="female">Female
    <input type="radio" name="gender" value="male">Male
    <input type="radio" name="gender" value="other">Other

```



```

        <span class="error" style="color:red">* <?php echo
$genderErr;?></span>
        <br><br>
        <input type="submit" name="submit" value="Submit">
</form>
<?php
    //menampilkan hasil dari inputan form
    echo "<h1>Your Input:</h1>";
    echo $name;
    echo "<br>";
    echo $email;
    echo "<br>";
    echo $website;
    //echo "<br>";
    //echo $comment;
    //echo "<br>";
    //echo $gender;
    ?>
</body>
</html>

```

Screenshoot:

Prak3 Soal3

localhost/modul3/soal3.php

Modul 3 - PAW 4B PHP Form Validasi

Nama : Dewi Imani Al Qur' Ani
Nim : 200411100014

* required field

Name: * Only letters and white space allowed

E-mail: * Invalid email format

Website: Invalid URL

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input:

paw a1
paw
paw

4. Soal : Berikan kondisi pada form apabila dilakukan submit maka value yang diinputkan pada field tidak hilang

Source Code:

```

<!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>Prak3 soal4</title>
</head>
<body>
<?php
    // membuat variabel error dan diset kosong
    $nameErr = $emailErr = $genderErr = $websiteErr = "";
    //membuat variabel untuk menampung inputan dari form
    $name = $email = $gender = $comment = $website = "";
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        if (empty($_POST["name"])) {
            $nameErr = "Name is required";
        } else {
            $name = test_input($_POST["name"]);
            if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
                $nameErr = "Only letters and white space allowed";
            }
            $name = test_input($_POST["name"]);
        }
        if (empty($_POST["email"])) {
            $emailErr = "Email is required";
        } else {
            $email = test_input($_POST["email"]);
            if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
                $emailErr = "Invalid email format";
            }
            $email = test_input($_POST["email"]);
        }
        if (empty($_POST["website"])) {
            $website = "";
        } else {
            $website = test_input($_POST["website"]);
            if (!preg_match("/\b(?:(:https?|ftp):\\\/\\\/www\\.?)[-a-z0-9+&@#\\\/%?=_!|:,.;]*[-a-z0-9+&@#\\\/%=_!|\/i",$website)) {
                $websiteErr = "Invalid URL";
            }
            $website = test_input($_POST["website"]);
        }
        if (empty($_POST["comment"])) {
            $comment = "";
        } else {
            $comment = test_input($_POST["comment"]);
        }
        if (empty($_POST["gender"])) {
            $genderErr = "Gender is required";
        } else {

```

```

    $gender = test_input($_POST["gender"]);
}
}
//membuat fungsi untuk validasi input form
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<h2>Modul 3 - PAW 4B <br><?php echo "PHP Form
Validasi";?><h3>
    <h3>Nama : <?php echo "Dewi Imani Al Qur' Ani";?><br>Nim :
200411100014<h3>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    <span class="error" style="color:red">* required
field</span>
    <br><br>
    <label for="">Name: </label>
    <input type="text" name="name" value="<?php echo
$name;?>">
    <span class="error" style="color:red">* <?php echo
$nameErr;?></span>
    <br><br>
    <label for="">E-mail: </label>
    <input type="text" name="email" value="<?php echo
$email;?>">
    <span class="error" style="color:red">* <?php echo
$emailErr;?></span>
    <br><br>
    <label for="">Website: </label>
    <input type="text" name="website" value="<?php echo
$website;?>">
    <span class="error" style="color:red"><?php echo
$websiteErr;?></span>
    <br><br>
    <label for="">Comment: </label>
    <textarea name="comment" rows="5" cols="40"><?php echo
$comment;?></textarea>
    <br><br>
    <label for="">Gender: </label>
    <input type="radio" name="gender" <?php if
(isset($gender) && $gender=="female") echo "checked";?>
value="female">Female

```

```

        <input type="radio" name="gender" <?php if
(isset($gender) && $gender=="male") echo "checked";?>
value="male">Male
        <input type="radio" name="gender" <?php if
(isset($gender) && $gender=="other") echo "checked";?>
value="other">Other
        <span class="error" style="color:red">* <?php echo
$genderErr;?></span>
        <br><br>
        <input type="submit" name="submit" value="Submit">
</form>
<?php
//menampilkan hasil dari inputan form
echo "<h1>Your Input:</h1>";
echo $name;
echo "<br>";
echo $email;
echo "<br>";
echo $website;
echo "<br>";
echo $comment;
echo "<br>";
echo $gender;
?>
</body>
</html>

```

Screenshoot:

Prak3 soal4

localhost/modul3/soal4.php

Modul 3 - PAW 4B

PHP Form Validasi

Nama : Dewi Imani Al Qur' Ani
Nim : 200411100014

* required field

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☒ Other *

Your Input:

paw a
paw@gmail.com
www.paw.com
praktikum paw a
other

26°C 5:24 06/05/2022