

TUGAS PRAKTIKUM
PENGEMBANGAN APLIKASI WEB
MODUL 3
“PHP Forms”



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Tugas Praktikum :

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

PHP Form Validation Example

* required field

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input:

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>Nomer 2</title>
</head>
<body>
<h2>PHP Form Validation Example</h2>
  <p style="color: red;">* required field</p>
  <form action="#" method="POST">
    Name: <input type="text" name="name"><span
style="color: red;"> *</span> <br><br>
    E-mail: <input type="text" name="email"> <span
style="color: red;"> *</span> <br><br>
    Website: <input type="text" name="website"> <br><br>
    Comment: <textarea name="" id="" cols="35" rows="5"
name="comment"></textarea><br><br>
    Gender: <input type="radio" name="gender"
id="female">Female
              <input type="radio" name="gender"
id="male">Male
              <input type="radio" name="gender"
id="other">Other
    <span style="color: red;"> *</span> <br><br>
    <button type="submit">Submit</button>
  <h2>Your Input :</h2>
</form>
```

```
</body>
</html>
```

Hasil :

PHP Form Validation Example

* required field

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

Your Input :

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

PHP Form Validation Example

* required field

Name: * Name is required

E-mail: * Email is required

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other * Gender is required

Your Input:

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>Nomer 2</title>
</head>
<body>
    <?php
        // define variables and set to empty values
        $nameError = $emailError = $genderError =
$websiteError = "";
        $name = $email = $gender = $comment = $website = "";
        if ($_SERVER["REQUEST_METHOD"] == "POST") {
            if (empty($_POST["name"])) {
                $nameError = "Name is required";
            } else {
                $name = test($_POST["name"]);
            }
            if (empty($_POST["email"])) {
                $emailError = "Email is required";
            } else {
                $email = test($_POST["email"]);
            }
            if (empty($_POST["website"])) {
                $website = "";
            } else {
                $website = test($_POST["website"]);
            }
            if (empty($_POST["comment"])) {
                $comment = "";
            } else {
                $comment = test($_POST["comment"]);
            }
            if (empty($_POST["gender"])) {
                $genderError = "Gender is required";
            } else {
                $gender = test($_POST["gender"]);
            }
        }

        function test($data) {
            $data = trim($data);
```

```

        $data = stripslashes($data);
        $data = htmlspecialchars($data);
    }
    ?>

<h2>PHP Form Validation Example</h2>
<p style="color: red;">* required field</p>
<form action="<?php echo $_SERVER["PHP_SELF"];?>"
method="POST">
    <div>
        Name: <input type="text" name="name" value="<?php echo
$name ;?>"><span style="color: red;" class="error" > * <?php
echo $nameError; ?></span> <br><br>
    </div>
    <div>
        E-mail: <input type="text" name="email" value="<?php
echo $email ;?>"> <span style="color: red;" class="error"> *
<?php echo $emailError ;?></span> <br><br>
    </div>
    <div>
        Website: <input type="text" name="website"
value="<?php echo $website ;?>"><span style="color: red;"
class="error"> <?php echo $websiteError ;?></span> <br><br>
    </div>
    <div>
        Comment: <textarea name="comment" id="" cols="35"
rows="5" name="comment" ></textarea><?php echo $comment;
?><br><br>
    </div>
    <div>
        Gender: <input type="radio" name="gender" id="female"
>Female
                <input type="radio" name="gender" id="male"
>Male
                <input type="radio" name="gender"
id="other">Other
                <span style="color: red;" class="error"> *<?php echo
$genderError; ?></span> <br><br>
    </div>
    <button type="submit">Submit</button>
</form>
<h2>Your Input :</h2>
</body>
</html>

```

Hasil :

PHP Form Validation Example

* required field

Name: * Name is required

E-mail: * Email is required

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other * Gender is required

Your Input :

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

PHP Form Validation Example

* required field

Name: * Only letters and white space allowed

E-mail: * Invalid email format

Website: * Invalid URL

Comment:

Gender: ☐ Female ☐ Male ☐ Other * Gender is required

Your Input:

paw a1
paw
paw

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>Nomer 3</title>
</head>
<body>
    <?php
        // define variables and set to empty values
        $nameError = $emailError = $genderError =
$websiteError = "";
        $name = $email = $gender = $comment = $website = "";
        if ($_SERVER["REQUEST_METHOD"] == "POST") {
            if (empty($_POST["name"])) {
                $nameError = "Name is required";
            } else {
                $name = test($_POST["name"]);
                if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
                    $nameError = "Only letters and white space
allowed";
                }
            }
            if (empty($_POST["email"])) {
                $emailError = "Email is required";
            } else {
                $email = test($_POST["email"]);
                if (!filter_var($email,
FILTER_VALIDATE_EMAIL)) {
                    $emailError = "Invalid email format";
                }
            }
            if (empty($_POST["website"])) {
                $website = "";
            } else {
                $website = test($_POST["website"]);
                if
(!preg_match("/\b(?:(:?https?|ftp):\\/\|www\.)[-a-z0-
9+&@#\\/%?~_!|:,.;]*[-a-z0-9+&@#\\/%~_]/i", $website)) {
                    $websiteError = "Invalid URL";
                }
            }
            if (empty($_POST["comment"])) {
```

```

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

function test($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>

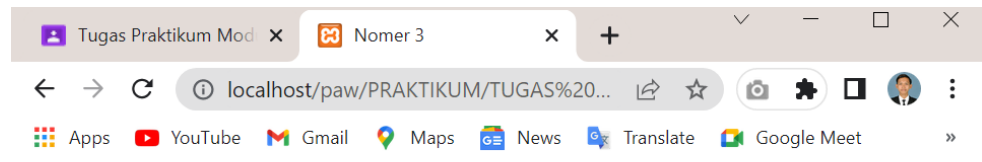
<h2>PHP Form Validation Example</h2>
<p style="color: red;">* required field</p>
<form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="POST">
    Name: <input type="text" name="name"><span
style="color: red;" class="error" > * <?php echo $nameError;
?></span> <br><br>
    E-mail: <input type="text" name="email" > <span
style="color: red;" class="error"> * <?php echo $emailError
;?></span> <br><br>
    Website: <input type="text" name="website" ><span
style="color: red;" class="error"> <?php echo $websiteError
;?></span> <br><br>
    Comment: <textarea name="comment" id="" cols="35"
rows="5" name="comment" ></textarea><br><br>
    Gender: <input type="radio" name="gender" id="female"
>Female
        <input type="radio" name="gender" id="male"
>Male
        <input type="radio" name="gender" id="other"
>Other
        <span style="color: red;" class="error"> *<?php echo
$genderError; ?></span> <br><br>
        <button type="submit">Submit</button>
</form>
<?php
    echo "<h2>Your Input:</h2>";
    echo $name."<br>";

```



```
        echo $email."<br>";
        echo $website."<br>";
    ?>
</body>
</html>
```

Hasil :



PHP Form Validation Example

* required field

Name: * Only letters and white space allowed

E-mail: * Invalid email format

Website: Invalid URL

Comment:

Gender: ☐ Female ☐ Male ☐ Other *Gender is required

Your Input:

paw al
paw
paw

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

PHP Form Validation Example

* 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

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>Nomer 4</title>
</head>
<body>
    <?php
        // define variables and set to empty values
        $nameError = $emailError = $genderError =
$websiteError = "";
        $name = $email = $gender = $comment = $website = "";
        if ($_SERVER["REQUEST_METHOD"] == "POST") {
            if (empty($_POST["name"])) {
                $nameError = "Name is required";
            } else {
                $name = test($_POST["name"]);
                if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
                    $nameError = "Only letters and white space
allowed";
                }
            }
        }
        if (empty($_POST["email"])) {
            $emailError = "Email is required";
        } else {
            $email = test($_POST["email"]);
```

```

        if (!filter_var($email,
FILTER_VALIDATE_EMAIL)) {
            $emailError = "Invalid email format";
        }
    }
    if (empty($_POST["website"])) {
        $website = "";
    } else {
        $website = test($_POST["website"]);
        if
(!preg_match("/\b(?:(:https?|ftp):\\/\|www\\.)*[-a-z0-9+&@#\\/%?~_!|:.,;]*[-a-z0-9+&@#\\/%?~_]/i",$website)) {
            $websiteError = "Invalid URL";
        }
    }
    if (empty($_POST["comment"])) {
        $comment = "";
    } else {
        $comment = test($_POST["comment"]);
    }
    if (empty($_POST["gender"])) {
        $genderError = "Gender is required";
    } else {
        $gender = test($_POST["gender"]);
    }
}

function test($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

?>

<h2>PHP Form Validation Example</h2>
<p style="color: red;">* required field</p>
<form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="POST">
    Name: <input type="text" name="name" value="<?php echo
$name ;?>"><span style="color: red;" class="error" > * <?php
echo $nameError; ?></span> <br><br>
    E-mail: <input type="text" name="email" value="<?php
echo $email ;?>"> <span style="color: red;" class="error"> *
<?php echo $emailError ;?></span> <br><br>

```

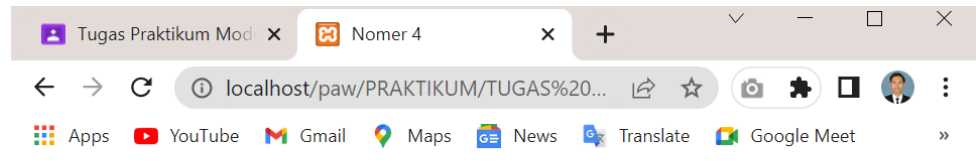
```

        Website: <input type="text" name="website"
value="<?php echo $website ;?>"><span style="color: red;"
class="error"> <?php echo $websiteError ;?></span> <br><br>
        Comment: <textarea name="comment" id="" cols="35"
rows="5" name="comment" ><?php echo $comment;
?></textarea><br><br>
        Gender: <input type="radio" name="gender" id="female"
value="Female"<?php if(isset($gender) && $gender=="Female")
echo "checked"?>>Female
                <input type="radio" name="gender" id="male"
value="Male"<?php if(isset($gender) && $gender=="Male") echo
"checked"?>>Male
                <input type="radio" name="gender" id="other"
value="Other"<?php if(isset($gender) && $gender=="Other") echo
"checked"?>>Other
                <span style="color: red;" class="error"> *<?php echo
$genderError; ?></span> <br><br>
                <button type="submit">Submit</button>
    </form>
    <?php
        echo "<h2>Your Input:</h2>";
        echo $name."<br>";
        echo $email."<br>";
        echo $website."<br>";
        echo $comment."<br>";
        echo $gender."<br>";

    ?>
</body>
</html>

```

Hasil :



PHP Form Validation Example

* required field

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☒ Other *

Your Input:

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