

**TUGAS PRAKTIKUM**

**PRAKTIKUM PAW**

**MODUL 3**

**“PHP Forms”**



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### 1. Soal:

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:

#### Source Code:

```
<?php
$name = $email = $website = $comment = $gender = "";
$nameErr = $emailErr = $websiteErr = $commentErr = $genderErr =
"";

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    if (empty($_POST["nama"])) {
        $nameErr = "Name is required";
    } else {
        $name = $_POST["nama"];
    }

    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
    } else {
        $email = $_POST["email"];
    }

    if (empty($_POST["website"])) {
        $website = "";
    } else {
        $website = $_POST["website"];
    }

    if (empty($_POST["comment"])) {
        $comment = "";
    }
```

```

    } else {
        $comment = $_POST["comment"];
    }

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

?>
<!DOCTYPE html>
<html Lang="en">
    <head>
        <title>PHP Form Validation Example</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width,
initial-scale=1">
        <link href="css/style.css" rel="stylesheet">
        <style>
            .error{
                color:red;
            }
        </style>
    </head>

    <body>
        <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
            <h2>PHP Form Validation Example</h2>
            <p><span class="error">* required field</span></p>

            Name : <input type="text" name="nama" >
            <span class="error"> * <?php echo $namaErr;?></span>
            <br><br>

            E-mail : <input type="text" name="email">
            <span class="error"> * <?php echo $emailErr;?></span>
            <br><br>

            Website : <input type="text" name="website" >
            <span class="error"><?php echo $websiteErr;?></span>
            <br><br>

```

```

        Comment: <textarea name="comment" rows="5"
cols="40"></textarea>
        <br><br>

        Gender :
        <input type="radio" name="gander" value="female"
id="female">
        <label for="female">Female</label>
        <input type="radio" name="gander" value="male"
id="male">
        <label for="male">Male</label>
        <input type="radio" name="gander" value="other"
id="other">
        <label for="other">Other</label>
        <span class="error"> * <?php echo $genderErr;?></span>
        <br><br>

        <input type="submit" name="submit" value="submit">
    </form>
    <?php
    echo "<h2>Your Input</h2>";
    echo "<br>";
    echo "$nama";
    echo "<br>";
    echo "$email";
    echo "<br>";
    echo "$website";
    echo "<br>";
    echo "$comment";
    echo "<br>";
    echo "$gender";

    ?>
    </body>
</html>

```

## Screenshoot:

PHP Form Validation Example

\* 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:

### 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:

## Source Code:

```
<?php
$nama = $email = $website = $comment = $gender = "";
$namaErr = $emailErr = $websiteErr = $commentErr = $genderErr =
"";

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    if (empty($_POST["nama"])) {
        $namaErr = "Name is required";
    }
}
```

```

    } else {
        $nama = $_POST["nama"];
    }

    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
    } else {
        $email = $_POST["email"];
    }

    if (empty($_POST["website"])) {
        $website = "";
    } else {
        $website = $_POST["website"];
    }

    if (empty($_POST["comment"])) {
        $comment = "";
    } else {
        $comment = $_POST["comment"];
    }

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

?>
<!DOCTYPE html>
<html Lang="en">
    <head>
        <title>PHP Form Validation Example</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width,
initial-scale=1">
        <link href="css/style.css" rel="stylesheet">
        <style>
            .error{
                color:red;
            }
        </style>
    </head>

```

```

<body>
  <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
    <h2>PHP Form Validation Example</h2>
    <p><span class="error">* required field</span></p>

    Name : <input type="text" name="nama" >
    <span class="error"> * <?php echo $namaErr;?></span>
    <br><br>

    E-mail : <input type="text" name="email">
    <span class="error"> * <?php echo $emailErr;?></span>
    <br><br>

    Website : <input type="text" name="website" >
    <span class="error"><?php echo $websiteErr;?></span>
    <br><br>

    Comment: <textarea name="comment" rows="5"
cols="40"></textarea>
    <br><br>

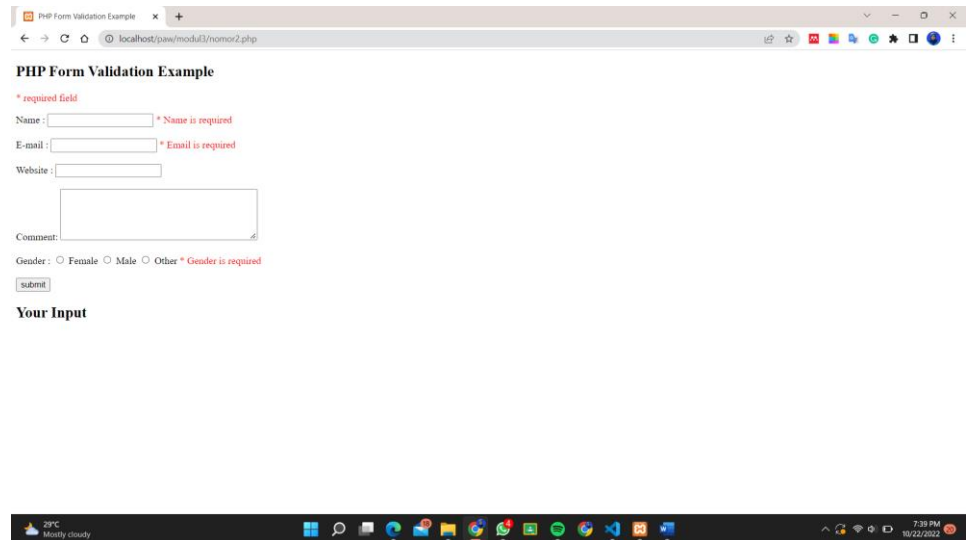
    Gender :
    <input type="radio" name="gender" value="female"
id="female">
    <label for="female">Female</label>
    <input type="radio" name="gender" value="male"
id="male">
    <label for="male">Male</label>
    <input type="radio" name="gender" value="other"
id="other">
    <label for="other">Other</label>
    <span class="error"> * <?php echo $genderErr;?></span>
    <br><br>

    <input type="submit" name="submit" value="submit">
  </form>
  <?php
echo "<h2>Your Input</h2>";
echo "<br>";
echo "$nama";
echo "<br>";
echo "$email";
echo "<br>";
echo "$website";
echo "<br>";
echo "$comment";

```

```
echo "<br>";  
echo "$gender";  
  
?>  
</body>  
</html>
```

### Screenshoot:



### 3. Soal:

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

#### PHP Form Validation Example

\* required field

Name: paw a1 \* Only letters and white space allowed

E-mail: paw \* Invalid email format

Website: paw Invalid URL

Comment:

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

Submit

#### Your Input:

paw a1  
paw  
paw



## Source Code:

```
<?php
$nama = $email = $website = $comment = $gender = "";
$namaErr = $emailErr = $websiteErr = $commentErr = $genderErr =
"";

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    if (empty($_POST["nama"])) {
        $namaErr = "Name is required";
    } else {
        $nama = $_POST["nama"];
        if (!preg_match("/^[a-zA-Z ]*$/", $nama)) {
            $namaErr = "Only letters and white space allowed";
        }
    }
    // $nama = $_POST['nama'];

    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
    } else {
        $email = $_POST["email"];
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            $emailErr = "Invalid email format";
        }
    }
    // $email = $_POST['email'];

    if (empty($_POST["website"])) {
        $website = "";
    } else {
        $website = $_POST["website"];
        if (!preg_match("/\b(?:(:?https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?~_!|:.,;]*[-a-z0-9+&@#\/%?~_]/i", $website)) {
            $websiteErr = "Invalid URL";
        }
    }
    // $website = $_POST['website'];

    if (empty($_POST["comment"])) {
        $comment = "";
    } else {
        $comment = $_POST["comment"];
    }
}
```

```

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

?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>PHP Form Validation Example</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width,
initial-scale=1">
        <link href="css/style.css" rel="stylesheet">
        <style>
            .error{
                color:red;
            }
        </style>
    </head>

    <body>
        <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
            <h2>PHP Form Validation Example</h2>
            <p><span class="error">* required field</span></p>

            Name : <input type="text" name="nama" value="<?php echo
$nama;?>">
                <span class="error"> * <?php echo $namaErr;?></span>
                <br><br>

            E-mail : <input type="text" name="email" value="<?php
echo $email;?>">
                <span class="error"> * <?php echo $emailErr;?></span>
                <br><br>

            Website : <input type="text" name="website"
value="<?php echo $website;?>">
                <span class="error"><?php echo $websiteErr;?></span>
                <br><br>

```

```

        Comment: <textarea name="comment" rows="5"
cols="40"><?php echo $comment;?></textarea>
        <br><br>

        Gender :
        <input type="radio" name="gender" value="female"
id="female" <?php if (isset($gender) && $gender == "female")
echo "checked";?>>
        <label for="female">Female</label>
        <input type="radio" name="gender" value="male"
id="male" <?php if (isset($gender) && $gender == "male") echo
"checked";?>>
        <label for="male">Male</label>
        <input type="radio" name="gender" value="other"
id="other" <?php if (isset($gender) && $gender == "other") echo
"checked";?>>
        <label for="other">Other</label>
        <span class="error"> * <?php echo $genderErr;?></span>
        <br><br>

        <input type="submit" name="submit" value="submit">
    </form>
    <?php
    echo "<h2>Your Input</h2>";
    echo "<br>";
    echo "$nama";
    echo "<br>";
    echo "$email";
    echo "<br>";
    echo "$website";
    echo "<br>";
    echo "$comment";
    echo "<br>";
    echo "$gender";

    ?>
</body>
</html>

```

## Screenshoot:

PHP Form Validation Example

\* required field

Name : paw a1 \* Only letters and white space allowed

E-mail : paw \* Invalid email format

Website : paw Invalid URL

Comment :

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

submit

Your Input

paw a1  
paw  
paw  
paw

## 4. Soal:

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

### PHP Form Validation Example

\* required field

Name: paw a \*

E-mail: paw@gmail.com \*

Website: www.paw.com

Comment: praktikum paw a

Gender: ☐ Female ☐ Male ☒ Other \*

Submit

### Your Input:

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

## Source Code:

```
<?php
$nama = $email = $website = $comment = $gender = "";
$namaErr = $emailErr = $websiteErr = $commentErr = $genderErr =
"";

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    if (empty($_POST["nama"])) {
        $namaErr = "Name is required";
    }
}
```

```

    } else {
        $nama = $_POST["nama"];
        if (!preg_match("/^[a-zA-Z ]*$/", $nama)) {
            $namaErr = "Only letters and white space allowed";
        }
    }
    // $nama = $_POST['nama'];

    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
    } else {
        $email = $_POST["email"];
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            $emailErr = "Invalid email format";
        }
    }
    // $email = $_POST['email'];

    if (empty($_POST["website"])) {
        $website = "";
    } else {
        $website = $_POST["website"];
        if (!preg_match("/\b(?:(:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?~_!|:.,;]*[-a-z0-9+&@#\/%?~_]/i", $website)) {
            $websiteErr = "Invalid URL";
        }
    }
    // $website = $_POST['website'];

    if (empty($_POST["comment"])) {
        $comment = "";
    } else {
        $comment = $_POST["comment"];
    }

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

?>

```

```

<!DOCTYPE html>
<html Lang="en">
    <head>
        <title>PHP Form Validation Example</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width,
initial-scale=1">
        <link href="css/style.css" rel="stylesheet">
        <style>
            .error{
                color:red;
            }
        </style>
    </head>

    <body>
        <form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
            <h2>PHP Form Validation Example</h2>
            <p><span class="error">* required field</span></p>

            Name : <input type="text" name="nama" value="<?php echo
$nama;?>">
                <span class="error"> * <?php echo $namaErr;?></span>
                <br><br>

            E-mail : <input type="text" name="email" value="<?php
echo $email;?>">
                <span class="error"> * <?php echo $emailErr;?></span>
                <br><br>

            Website : <input type="text" name="website"
value="<?php echo $website;?>">
                <span class="error"><?php echo $websiteErr;?></span>
                <br><br>

            Comment: <textarea name="comment" rows="5"
cols="40"><?php echo $comment;?></textarea>
                <br><br>

            Gender :
                <input type="radio" name="gender" value="female"
id="female" <?php if (isset($gender) && $gender == "female")
echo "checked";?>>
                <Label for="female">Female</Label>

```

```

        <input type="radio" name="gender" value="male"
id="male" <?php if (isset($gender) && $gender == "male") echo
"checked";?>>
        <label for="male">Male</label>
        <input type="radio" name="gender" value="other"
id="other" <?php if (isset($gender) && $gender == "other") echo
"checked";?>>
        <label for="other">Other</label>
        <span class="error"> * <?php echo $genderErr;?></span>
        <br><br>

        <input type="submit" name="submit" value="submit">
    </form>
    <?php
    echo "<h2>Your Input</h2>";
    echo "<br>";
    echo "$nama";
    echo "<br>";
    echo "$email";
    echo "<br>";
    echo "$website";
    echo "<br>";
    echo "$comment";
    echo "<br>";
    echo "$gender";

    ?>
    </body>
</html>

```

## Screenshoot:

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