

TUGAS PRAKTIKUM
PRAKTIKUM PAW
MODUL 3 “PHP Form”



Disusun Oleh :

Nama : Nanda Putri Febri Antono

NIM : 200411100036

Kelas : PAW B

Dosen Pengampu :

Nama : Ach. Khozaimi, S.Kom, M.Kom

NIP : 198609262014041001

Asisten Praktikum:

Nama : M. Rizal Rahabillah

NIM : 180411100121

PRODI TEKNIK INFORMATIKA
JURUSAN TEKNIK INFORMATIKA
FAKULTAS TEKNIK
UNIVERSITAS TRUNOJOYO MADURA

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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:

Jawab :

Source code :

```
<?php
//define variable
$name=$email=$comment=$gender=$website="";

if ($_SERVER["REQUEST_METHOD"]=="POST") {
    $name=fun_input($_POST["name"]);
    $email=fun_input($_POST["email"]);
    $comment=fun_input($_POST["comment"]);
    $website=fun_input($_POST["website"]);
    $gender=fun_input($_POST["gender"]);
}
function fun_input($data){
    $data=trim($data);
    $data=stripcslashes($data);
    $data=htmlspecialchars($data);
    return $data;
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Form Validasi</title>
</head>
<body>
    <h2>PHP Form Validation</h2>
    <p style="color: red">*required field</p>
    <form
        method="POST"
        action="<?php
htmlspecialchars($_SERVER["PHP_SELF"]);?>"
        echo
    >
        <label for="nama">Nama</label>
        <input type="text" name="name" id="nama" placeholder="Input Your
Name"><br><br>
```

```

        <label for="email">Email</label>
        <input type="text" name="email" id="email" placeholder="Input
Your Email"><br><br>
        <label for="webstite">Website</label>
        <input type="text" name="website" id="website"
placeholder="Input Your Website"><br><br>
        <label for="comment">Comment</label>
        <textarea name="comment" id="comment" placeholder="Give Your
Comment"></textarea><br><br>
        <label for="gender">Gender</label>
        <input name="gender" value="male" type="radio" id="male">
        <label id="male">Male</label>
        <input name="gender" value="female" type="radio" id="female">
        <label id="female">Female</label>
        <input name="gender" value="other" type="radio" id="other">
        <label id="other">Other</label><br><br>
        <button type="submit" name="submit">Submit</button>
    </form>
<?php
    echo "<h2>Your Input</h2>";
    echo "$name";
    echo "<br>";
    echo "$email";
    echo "<br>";
    echo "$website";
    echo "<br>";
    echo "$comment";
    echo "<br>";
    echo "$gender";

?>
</body>
</html>

```

Hasil :

PHP Form Validation

*required field

Nama *

Email *

Website

Comment

Gender ☐ Male ☐ Female ☐ 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:

Jawab :

Source code :

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

if ($_SERVER["REQUEST_METHOD"]=="POST") {
    if (empty($_POST["name"])) {
        $nameErr="Name is required";
    } else{
        $name=fun_input($_POST["name"]);
    }
    if (empty($_POST["email"])) {
        $emailErr="Email is required";
    } else{
        $email=fun_input($_POST["email"]);
    }
    if (empty($_POST["website"])) {
        $websiteErr="";
    } else{
        $website=fun_input($_POST["website"]);
    }
    if (empty($_POST["comment"])) {
        $commentErr="";
    } else{
        $Comment=fun_input($_POST["comment"]);
    }
    if (empty($_POST["gender"])) {
        $genderErr="Gender is required";
    } else{
        $gender=fun_input($_POST["gender"]);
    }
}

function fun_input($data){
    $data=trim($data);
    $data=stripcslashes($data);
}
```

```

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

<!DOCTYPE html>
<html>
<head>
    <title>Form Validation</title>
</head>
<body>
    <h2>PHP Form Validation</h2>
    <p style="color: red">*required field</p>
    <form
        method="POST"
        action="<?php
htmlspecialchars($_SERVER["PHP_SELF"]);?>"
        <label for="nama">Nama</label>
        <input type="text" name="name" id="nama" placeholder="Input Your
Name"><span style="color: red"> *<?php echo $nameErr;?></span><br><br>
        <label for="email">Email</label>
        <input type="text" name="email" id="email" placeholder="Input
Your Email"><span style="color: red"> * <?php echo
$emailErr;?></span><br><br>
        <label for="webstite">Website</label>
        <input type="text" name="website" id="website"
placeholder="Input Your Website"><span style="color: red"> * <?php echo
$websiteErr;?></span><br><br>
        <label for="comment">Comment</label>
        <textarea name="comment" id="comment" placeholder="Give Your
Comment"></textarea><span style="color: red"> * <?php echo
$commentErr;?></span><br><br>
        <label for="gender">Gender</label>
        <input name="gender" value="male" type="radio" id="male">
        <label id="male">Male</label>
        <input name="gender" value="female" type="radio" id="female">
        <label id="female">Female</label>
        <input name="gender" value="other" type="radio" id="other">
        <label id="other">Other</label><span style="color: red"> *<?php
echo $genderErr;?></span><br><br>
        <button type="submit" name="submit">Submit</button>
    </form>
    <?php
        echo "<h2>Your Input</h2>";
        echo "$name";
        echo "<br>";
        echo "$email";
        echo "<br>";
        echo "$website";
        echo "<br>";
        echo "$comment";
        echo "<br>";
        echo "$gender";
    ?>
</body>
</html>

```

Hasil :

PHP Form Validation

*required field

Nama *Name is required

Email * Email is required

Website *

Comment *

Gender ☐ Male ☐ Female ☐ 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

Source code :

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

if ($_SERVER["REQUEST_METHOD"]=="POST") {
    if (empty($_POST["name"])) {
        $nameErr="Name is required";
    } else{
        $name=fun_input($_POST["name"]);
        if (!preg_match("/^[a-zA-Z']*$/",$name)) {
            $nameErr="Only letters and white space allowed";
        }
    }
    if (empty($_POST["email"])) {
        $emailErr="Email is required";
    } else{
        $email=fun_input($_POST["email"]);
        if (!filter_var($email,FILTER_VALIDATE_EMAIL)) {
            $emailErr="Invalid email format";
        }
    }
}
```

```

        if (empty($_POST["website"])) {
            $websiteErr="";
        } else{
            $website=fun_input($_POST["website"]);
            if (!preg_match("/\b(?:(:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?~|!:,.;]*[-a-z0-9+&@#\/%?~|]/i",$website)) {
                $websiteErr="Invalid URL";
            }
        }
        if (empty($_POST["comment"])) {
            $commentErr="";
        } else{
            $Comment=fun_input($_POST["comment"]);
        }
        if (empty($_POST["gender"])) {
            $genderErr="Gender is required";
        } else{
            $gender=fun_input($_POST["gender"]);
        }
    }

function fun_input($data){
    $data=trim($data);
    $data=stripcslashes($data);
    $data=htmlspecialchars($data);
    return $data;
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Form Validation</title>
</head>
<body>
    <h2>PHP Form Validation</h2>
    <p style="color: red">*required field</p>
    <form
        method="POST"
        action="<?php
        htmlspecialchars($_SERVER["PHP_SELF"]);?>"
        <label for="nama">Nama</label>
        <input type="text" name="name" id="nama" placeholder="Input Your
        Name"><span style="color: red"> *<?php echo $nameErr;?></span><br><br>
        <label for="email">Email</label>
        <input type="text" name="email" id="email" placeholder="Input
        Your Email"><span style="color: red"> * <?php echo
        $emailErr;?></span><br><br>
        <label for="webstite">Website</label>
        <input type="text" name="website" id="website"
        placeholder="Input Your Website"><span style="color: red"> * <?php echo
        $websiteErr;?></span><br><br>
        <label for="comment">Comment</label>

```

```

        <textarea name="comment" id="comment" placeholder="Give Your
Comment"></textarea><span style="color: red"> * <?php echo
$commentErr;?></span><br><br>
        <label for="gender">Gender</label>
        <input name="gender" value="male" type="radio" id="male">
        <label id="male">Male</label>
        <input name="gender" value="female" type="radio" id="female">
        <label id="female">Female</label>
        <input name="gender" value="other" type="radio" id="other">
        <label id="other">Other</label><span style="color: red"> *<?php
echo $genderErr;?></span><br><br>
        <button type="submit" name="submit">Submit</button>
    </form>
    <?php
        echo "<h2>Your Input</h2>";
        echo "$name";
        echo "<br>";
        echo "$email";
        echo "<br>";
        echo "$website";
        echo "<br>";
        echo "$comment";
        echo "<br>";
        echo "$gender";
    ?>
</body>
</html>

```

Hasil :

PHP Form Validation

*required field

Nama *Only letters and white space allowed

Email * Invalid email format

Website * Invalid URL

Comment *

Gender ☐ Male ☐ Female ☐ Other *Gender is required

Your Input

Nan@
nnn.com
hhh