TUGAS PRAKTIKUM

PRAKTIKUM PAW

MODUL 3 "PHP FORM"

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PRODI TEKNIK INFORMATIKA

JURUSAN TEKNIK INFORMATIKA

FAKULTAS TEKNIK
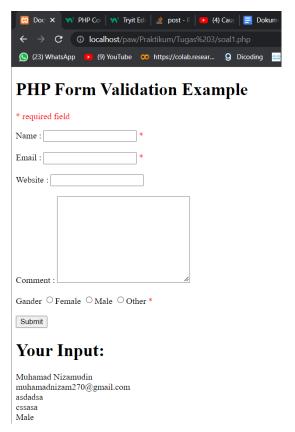
UNIVERSITAS TRUNOJOYO MADURA

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1. **Soal**

buat lah sebuah form yang berisi name, email, 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 *

[Submit]

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>Document</title>

</head>

<body>

    <h1>PHP Form Validation Example</h1>


    <p style='color: red;'>* required field</p>

    <form action="soal1.php" method="post">

        <label for="">Name :</label>

        <input type="text" name="name" require><span
style="color:red;"> * </span><br><br>
```
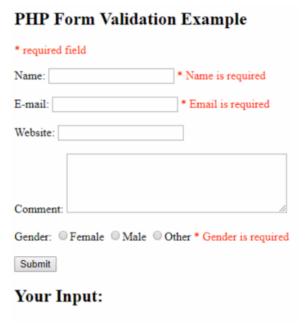
```html
        <label for="">Email :</label>

        <input type="text"name="email"><span
style="color:red;"> * </span><br><br>

        <label for="">Website :</label>

        <input type="text"name="website"><span
style="color:red;"> </span><br><br>

        <label for="">Comment :</label>

        <textarea name="comment" id="" cols="30"
rows="10"></textarea><br><br>

        <label for="">Gander</label>

        <input type="radio" name="gender" id=""
value="Female"><label for="">Female</label>

        <input type="radio" name="gender" id=""
value="Male"><label for="">Male</label>

        <input type="radio" name="gender" id=""
value="Other"><label for="">Other</label><span
style="color:red;"> * </span><br><br>

        <button type="submit">Submit</button>

    </form>

    <h1>Your Input:</h1>

    <?php echo $_POST["name"];?><br>

    <?php echo $_POST["email"];?><br>

    <?php echo $_POST["website"];?><br>

    <?php echo $_POST["comment"];?><br>

    <?php echo $_POST["gender"];?><br>

</body>

</html>
```
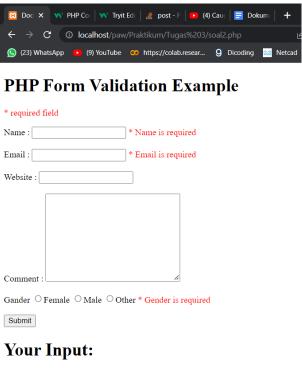
Screenshot

PHP Form Validation Example

* required field

Name : [_____] *

Email : [_____] *

Website : [_____]

Comment : [_____]

Gander ○ Female ○ Male ○ Other *

[Submit]

Your Input:

Muhamad Nizamudin
muhamadnizam270@gmail.com
asdadsa
cssasa
Male

2. Soal

buatlah validasi terhadap form, apabila form disubmit dalam keadaan kosong maka akan muncul pesan seperti beikut:

PHP Form Validation Example

* required field

Name: [_____] * Name is required

E-mail: [_____] * Email is required

Website: [_____]

Comment: [_____]

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

[Submit]

Your Input:

Code

```php
<?php

    $nameErr = $emailErr = $genderErr = $websiteErr = "";
```

```php
        $name = $email = $gender = $comment = $website = "";
    if($_SERVER["REQUEST_METHOD"]=="POST"){
        if (empty($_POST["name"])){
            $nameErr = "Name is required";
        }else{
            $name = $_POST["name"];
        }
        if (empty($_POST["email"])){
            $emailErr = "Email is required";
        }else{
            $email = $_POST["email"];
        }
        if (empty($_POST["website"])){
            $websiteErr = "";
        }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>
    <meta charset="UTF-8">
```

```html
    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h1>PHP Form Validation Example</h1>


    <p style='color: red;'>* required field</p>

    <form action="soal2.php" method="post">

        <label for="">Name :</label>

        <input type="text" name="name" require><span
style="color:red;"> * <?php echo $nameErr;?></span><br><br>

        <label for="">Email :</label>

        <input type="email"name="email"><span
style="color:red;"> * <?php echo $emailErr;?></span><br><br>

        <label for="">Website :</label>

        <input type="text"name="website"><span
style="color:red;"><?php echo $websiteErr;?></span><br><br>

        <label for="">Comment :</label>

        <textarea name="comment" id="" cols="30"
rows="10"></textarea><br><br>

        <label for="">Gander</label>

        <input type="radio" name="gender" id=""
value="Female"><label for="">Female</label>

        <input type="radio" name="gender" id=""
value="Male"><label for="">Male</label>

        <input type="radio" name="gender" id=""
value="Other"><label for="">Other</label><span
style="color:red;"> * <?php echo $genderErr;?></span><br><br>

        <button type="submit">Submit</button>

    </form>

    <h1>Your Input:</h1>

    <?php echo $name;?><br>

    <?php echo $email;?><br>

    <?php echo $website;?><br>

    <?php echo $comment?><br>
```
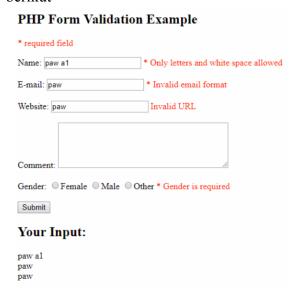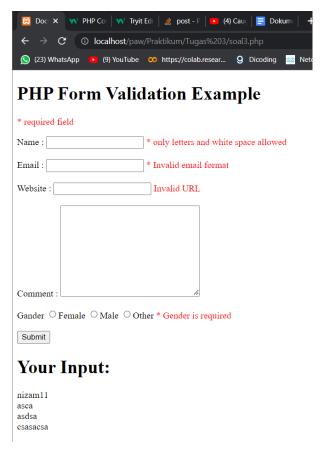
```
        <?php echo $gender;?><br>



</body>

</html>
```

Screenshot

3. Soal

berikan validasi terhadap kesalahan input pada name, email dan website seperti contoh berikut

Code

```php
<?php
    $nameErr = $emailErr = $genderErr = $websiteErr = "";
    $name = $email = $gender = $comment = $website = "";
    if($_SERVER["REQUEST_METHOD"]=="POST"){
        if (empty($_POST["name"])){
            $nameErr = "Name is required";
        }else{
            $name = $_POST["name"];
            if (!preg_match("/^[a-zA-Z-' ]*$/",$name)) {
                $nameErr = "Only letters and white space
allowed";
            }
        }
        if (empty($_POST["email"])){
            $emailErr = "Email is required";
        }else{
            $email = $_POST["email"];
            if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
                $emailErr = "Invalid email format";
            }
        }
        if (empty($_POST["website"])){
            $websiteErr = "";
        }else{
            $website = $_POST["website"];
            if
(!preg_match("/\b(?:(?:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?=
~_|!:,.;]*[-a-z0-9+&@#\/%=~_|]/i",$website)) {
                $websiteErr = "Invalid URL";
            }
        }
        if (empty($_POST["comment"])){
            $comment = "";
        }else{
```
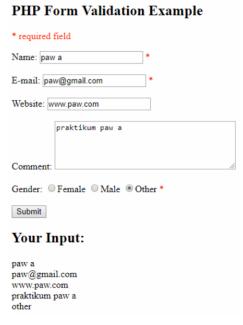
```php
        $comment = $_POST["comment"];
    }

    if (empty($_POST["gender"])){

        $genderErr = "Gender is required";

    }else{

        $gender = $_POST["gender"];

    }

}
?>
```

```html
<!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>Document</title>

</head>

<body>

    <h1>PHP Form Validation Example</h1>


    <p style='color: red;'>* required field</p>

    <form action="soal3.php" method="post">

        <label for="">Name :</label>

        <input type="text" name="name" require><span
style="color:red;"> * <?php echo $nameErr;?></span><br><br>

        <label for="">Email :</label>

        <input type="text"name="email"><span
style="color:red;"> * <?php echo $emailErr;?></span><br><br>

        <label for="">Website :</label>

        <input type="text"name="website"><span
style="color:red;"> <?php echo $websiteErr;?></span><br><br>

        <label for="">Comment :</label>

        <textarea name="comment" id="" cols="30"
rows="10"></textarea><br><br>
```

```html
        <label for="">Gander</label>

        <input type="radio" name="gender" id=""
value="Female"><label for="">Female</label>

        <input type="radio" name="gender" id=""
value="Male"><label for="">Male</label>

        <input type="radio" name="gender" id=""
value="Other"><label for="">Other</label><span
style="color:red;"> * <?php echo $genderErr;?></span><br><br>

        <button type="submit">Submit</button>

    </form>

    <h1>Your Input:</h1>

    <?php echo $name;?><br>

    <?php echo $email;?><br>

    <?php echo $website;?><br>

    <?php echo $comment?><br>

    <?php echo $gender;?><br>


</body>

</html>
```
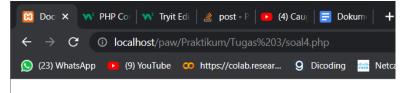
Screenshot

PHP Form Validation Example

* required field

Name : [   ] * only letters and white space allowed

Email : [   ] * Invalid email format

Website : [   ] Invalid URL

Comment : [   ]

Gander ○ Female ○ Male ○ Other * Gender is required

[Submit]

Your Input:

nizam11
asca
asdsa
csasacsa

4. **Soal**

berikan kondisi pada form apabila dilakukan submit maka value yang diimputkan 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

Code

```php
<?php
```

```php
$nameErr = $emailErr = $genderErr = $websiteErr = "";
$name = $email = $gender = $comment = $website = "";
if($_SERVER["REQUEST_METHOD"]=="POST"){
    if (empty($_POST["name"])){
        $nameErr = "Name is required";
    }else{
        $name = $_POST["name"];
        if (!preg_match("/^[a-zA-Z-' ]*$/",$name)) {
            $nameErr = "Only letters and white space
allowed";
        }
    }
    if (empty($_POST["email"])){
        $emailErr = "Email is required";
    }else{
        $email = $_POST["email"];
        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            $emailErr = "Invalid email format";
        }
    }
    if (empty($_POST["website"])){
        $websiteErr = "";
    }else{
        $website = $_POST["website"];
        if
(!preg_match("/\b(?:(?:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?=
~_|!:,.;]*[-a-z0-9+&@#\/%=~_|]/i",$website)) {
            $websiteErr = "Invalid URL";
        }
    }
    if (empty($_POST["comment"])){
        $comment = "";
    }else{
        $comment = $_POST["comment"];
```

```php
        }

        if (empty($_POST["gender"])){

            $genderErr = "Gender is required";

        }else{

            $gender = $_POST["gender"];

        }

    }

?>
```
```html
<!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>Document</title>

</head>

<body>

    <h1>PHP Form Validation Example</h1>


    <p style='color: red;'>* required field</p>

    <form action="soal4.php" method="post">

        <label for="">Name :</label>

        <input type="text" name="name" value="<?php echo
$name;?>"><span style="color:red;"> * <?php echo
$nameErr;?></span><br><br>

        <label for="">Email :</label>

        <input type="text"name="email" value="<?php echo
$email;?>"><span style="color:red;"> * <?php echo
$emailErr;?></span><br><br>

        <label for="">Website :</label>

        <input type="text"name="website" value="<?php echo
$website;?>"><span style="color:red;"> <?php echo
$websiteErr;?></span><br><br>

        <label for="">Comment :</label>
```

```
        <textarea name="comment" id="" cols="30"
rows="10"><?php echo $comment;?></textarea><br><br>

        <label for="">Gander</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">* <?php echo $genderErr;?></span>

        <br><br>

        <button type="submit">Submit</button>

    </form>

    <h1>Your Input:</h1>

    <?php echo $name;?><br>

    <?php echo $email;?><br>

    <?php echo $website;?><br>

    <?php echo $comment?><br>

    <?php echo $gender;?><br>


</body>

</html>
```

Screenshot

PHP Form Validation Example

* required field

Name : [nizam a] *

Email : [muhamadnizam270@gmail] *

Website : [www.nizam.com]

[praktikum paw b

]
Comment :

Gander ○ Female ● Male ○ Other *

[Submit]

Your Input:

nizam a
muhamadnizam270@gmail.com
www.nizam.com
praktikum paw b
male