

PhP Form Handling

W3Schools form handling

https://www.w3schools.com/php/php_form_validation.asp

```
<!DOCTYPE HTML>
<html>
<head>    https://tryphp.w3schools.com/showphp.php?filename=demo_form_validation_escapechar
</head>
<body>
<?php
$name = $email = $gender = $comment = $website = "";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = test_input($_POST["name"]);
    $email = test_input($_POST["email"]);
    $website = test_input($_POST["website"]);
    $comment = test_input($_POST["comment"]);
    $gender = test_input($_POST["gender"]);
}
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
```

```
<h2>PHP Form Validation Example</h2>
<form method="post"
      action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
Name: <input type="text" name="name">    <br><br>
E-mail: <input type="text" name="email">    <br><br>
Website: <input type="text" name="website">    <br><br>
Comment: <textarea name="comment" rows="5" cols="40"></textarea>
<br><br>
Gender:
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<br><br>
<input type="submit" name="submit" value="Submit">
</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>
```

https://tryphp.w3schools.com/showphp.php?filename=demo_form_validation_escapechar

```
<?php
// define variables and set to empty values
$name = $email = $gender = $comment = $website = "";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = test_input($_POST["name"]);
    $email = test_input($_POST["email"]);
    $website = test_input($_POST["website"]);
    $comment = test_input($_POST["comment"]);
    $gender = test_input($_POST["gender"]);
}
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
```

PHP Form Validation Example

Name: EUGENE PETERSON

E-mail: eunenre@google.com

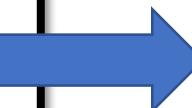
Website: eugene.website.com

Eugene Peterson's Web Site

Comment:

Gender: Female Male Other

Your Input:



PHP Form Validation Example

Name:

E-mail:

Website:

Comment:

Gender: Female Male Other

Your Input:

EUGENE PETERSON

eunenre@google.com

eugene.website.com

Eugene Peterson's Web Site

male

Try to divide the given example code into two parts.
Try also to use MySQL.

localhost/php/formvalidateW_Target.html

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PHP Form Validation Example

Name: Kevin

E-mail: kevin@gmail.com

Website: kevin.website

kevin website testing

Comment:

Gender: Female Male Other

Submit

localhost/php/formvalidateResponse.php

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PHP Form Validation Example Form Data

A record has been inserted.

Your Input:

Kevin
kevin@gmail.com
kevin.website
kevin website testing
male

```
<!DOCTYPE HTML>
<html>
<head>
</head>
<body>
<h2>PHP Form Validation Example</h2>
<form method="post" action="formvalidateResponse.php">
    Name: <input type="text" name="name">
    <br><br>
    E-mail: <input type="text" name="email">
    <br><br>
    Website: <input type="text" name="website">
    <br><br>
    Comment: <textarea name="comment" rows="5" cols="40"></textarea>
    <br><br>
    Gender:
    <input type="radio" name="gender" value="female">Female
    <input type="radio" name="gender" value="male">Male
    <input type="radio" name="gender" value="other">Other
    <br><br>
    <input type="submit" name="submit" value="Submit">
</form>
</body>
</html>
```

```
<!DOCTYPE HTML>
<html>
<head>
</head>
<body>
<h2>PHP Form Validation Example Form Data</h2>
<p>A record has been inserted.</p>
<?php
// define variables and set to empty values
$name = $email = $gender = $comment = $website = "";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = test_input($_POST["name"]);
    $email = test_input($_POST["email"]);
    $website = test_input($_POST["website"]);
    $comment = test_input($_POST["comment"]);
    $gender = test_input($_POST["gender"]);
}
```

```
function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
?>
<?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>
```

Exercise 2

Using MySQL

localhost/php/formvalidateW_Target2.html

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PHP Form Validation Example

Name:

E-mail:

Website:

Comment:

Gender: Female Male Other

localhost/php/formvalidateResponse3.php

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PHP Form Validation Example Form Data

A record has been inserted.

Your Input:

Kevin
kevin@gmail.com
kevin.website
web site testing
male

First, make the database and table to be used in MySQL.
Second, make a use of insertion SQL statement.

name	email	website	comment	gender
Kevin Wood	kevin@google.com	kevin.website	testing form data for Kevin	male
EUGENE PETERSON	eunenre@google.com	eugene.website.com	Eugene Peterson Web Site	male

서버: 127.0.0.1 » 데이터베이스: testdb » 테이블: formtest

보기 구조 SQL 검색 삽입 내보내기

테이블 구조 릴레이션 뷰

#	이름	종류	데이터정렬방식	보기	Null	기본값	설
1	name	varchar(20)	latin1_swedish_ci	아니오	없음		
2	email	varchar(30)	latin1_swedish_ci	아니오	없음		
3	website	varchar(30)	latin1_swedish_ci	아니오	없음		
4	comment	varchar(50)	latin1_swedish_ci	아니오	없음		
5	gender	varchar(10)	latin1_swedish_ci	아니오	없음		

```
<!DOCTYPE HTML> ... <body>
<h2>PHP Form Validation Example</h2>
<form method="post" action="formvalidateResponse3.php">
    Name: <input type="text" name="name">
    <br><br>
    E-mail: <input type="text" name="email">
    <br><br>
    Website: <input type="text" name="website">
    <br><br>
    Comment: <textarea name="comment" rows="5" cols="40"></textarea>
    <br><br>
    Gender:
    <input type="radio" name="gender" value="female">Female
    <input type="radio" name="gender" value="male">Male
    <input type="radio" name="gender" value="other">Other
    <br><br>
    <input type="submit" name="submit" value="Submit">
</form> </body> </html>
```

서버: 127.0.0.1 » 데이터베이스: testdb » 테이블: formtest

보기 구조 SQL 검색 삽입 내보내기

⚠ Current selection does not contain a unique column. Grid edit, checkboxes, etc. will not work.

✓ 0 - 1행 표시 중 (합계 2, 질의 실행시간 0.0009 초.)

```
SELECT * FROM `formtest`
```

모두 보기 | 행 갯수: 25 행 필터링: 현재 테이블 검색

+ 옵션

name	email	website	comment	gender
Kevin	kevin@gmail.com	kevin.website	web site testing	male

```
$mysqli = mysqli_connect("localhost", "root", "", "testdb");
if (mysqli_connect_errno()) {
    printf("Connect failed: %s\n", mysqli_connect_error());
    exit();
} else {
    $sql = "INSERT INTO formtest (name, email, website, comment, gender)
            VALUES ('".$_POST["name"]."', '".$_POST["email"]."', '".$_POST["website"]."',
                    '".$_POST["comment"]."', '".$_POST["gender"]."')";
    $res = mysqli_query($mysqli, $sql);
    if ($res === TRUE) {
        echo "A record has been inserted.";
    } else {
        printf("Could not insert record: %s\n", mysqli_error($mysqli));
    }
    mysqli_close($mysqli);
}
?>
```