

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">

E-mail: <**input** type="text" **name**="email">

Website: <**input** type="text" **name**="website">

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

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

<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:

E-mail:

Website:

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:

E-mail:

Website:

Comment:

Gender: ☐ Female ☒ Male ☐ Other

localhost/php/formvalidateResponse.php

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PHP Form Validation Example Form Date

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
<input type="checkbox"/>	1	name	varchar(20)	latin1_swedish_ci		아니오	없음	
<input type="checkbox"/>	2	email	varchar(30)	latin1_swedish_ci		아니오	없음	
<input type="checkbox"/>	3	website	varchar(30)	latin1_swedish_ci		아니오	없음	
<input type="checkbox"/>	4	comment	varchar(50)	latin1_swedish_ci		아니오	없음	
<input type="checkbox"/>	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, checkbox

✔ 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);
}
?>
```