

```
<?php
$text = "a short string";
print(" '$text' is " . strlen($text) . " characters long.");
//Output: 'a short string' is 14 characters long.
?>
```

```
<?php
$first = "abc";
$second = "xyz";
if(strcmp($first, $second) == 0)
{ print("strings are equal");}
else
{print("strings are not equal");}
//Output: strings are not equal
?>
```

```
<?php
print(strrev("abcdefg"));
//Output: gfedcba
?>
```

```
<?php
$text="Hello World";
```

```
print(strtolower($text). '<br>');
```

```
print(strtoupper($text));
```

```
//Output: hello world
```

```
//Output: HELLO WORLD
```

```
?>
```

```
<?php
```

```
/*Find the first occurrence of "world" inside "Hello world!"
and return the rest of the string*/
```

```
echo strpos("Hello world!","w"). "<br>";
```

```
echo strpos("Hello world!",101);
```

```
//ascii code of 'e' is 101
```

```
//Output: world!
```

```
//Output: ello world!
```

```
?>
```

```
<?php
```

```
//same as strpos but this is case-insensitive
```

```
print('Output: '. strpos("Hello World!","w"). '<br>');
```

```
print('Output: '. stripos("Hello World!","w"));
```

```
//Output:
```

```
//Output: World!
```

```
?>
```

```
<?php
/* strpos(string,find,start)*/
$text = "Hello, World!";
if(strpos($text," "))
{print("There is  space in '$text'<BR>\n");}
print("World is at position ".strpos($text, "World") .
"<BR>\n");

//Output: There is space in 'Hello, World!'
//Output: World is at position 7

?>
```

```
<?php
//Finds the position of the last occurrence of a string inside
another string //(case-sensitive)
$path = "/usr/local/apache";
//find last slash
$pos = strrpos($path, "/");
//print everything after the last slash
print(substr($path, $pos+1));

//Output: apache

?>
```

```
<!DOCTYPE html>
```

```
<html>

<body>

<?php

$str = "This is some <b>bold</b> text.";

echo ($str). '<br>';

echo htmlspecialchars($str);

//Output:

//This is some bold text.

//This is some <b>bold</b> text.

?>

</body>

</html>
```

```
<html><body>

<h1>Entering data in a form - formEg1_1</h1>

<form method ="get" action="formEg1_2.php">

<!--<form method ="post" action="formEg1_2.php">-->

Name:<br>

<input type ="text" name ="name"><br>

RegNo: <br>

<input type = "text" name = "age" /><br><br>
```

```
<input type="submit" value="send">
```

```
</form></body></html>
```

```
<html><body>
```

```
<h1>Received data from text field - formEg1_2</h1>
```

```
<?php
```

```
echo "Name:<br>";
```

```
echo $_GET["name"]."<br>";
```

```
echo "RegNo:<br>";
```

```
echo $_GET["age"]."<br>";
```

```
//echo $_POST["data"];
```

```
?>
```

```
</body></html>
```

```
<!DOCTYPE HTML>
```

```
<html>
```

```
<head><title>formEg2</title>
```

```
<style>
```

```
.error {color: red;}
```

```
</style>
```

```
</head>
```

```
<body>
```

```

<?php
$nameErr = $emailErr = "";

if(isset($_POST['submit'])&&$_SERVER["REQUEST_METHOD"] == "POST") {

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

        $nameErr = "Name is required";

    } else {

        $name = test_input($_POST["name"]);

        echo "<h2>Your Input:</h2>";

        echo $name;

    }

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

        $emailErr = "Email is required";

    } else {

        $email = test_input($_POST["email"]);

        echo "<br>";

        echo $email;

    }

}

function test_input($data) {

    $data = trim($data);

    $data = stripslashes($data);

```

```

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

<h2>PHP Form Validation Example</h2>
<p><span class="error">* required field.</span></p>
<form method="post" action="formEg2.php">
    Name : <input type="text" name="name">
    <span class="error">* <?php echo $nameErr;?></span>
    <br><br>
    E-mail: <input type="text" name="email">
    <span class="error">* <?php echo $emailErr;?></span>
    <br><br>
    <input type="submit" name="submit" value="Submit">
</form>
</body>
</html>

```

```

<!DOCTYPE HTML>
<html>
<head><title>formEg3</title>

```

```
<style>

.error {color: red;}

</style>

</head>

<body>

    <?php

$nameErr = $regnoErr = "";

if(isset($_POST["submit"])&&
$_SERVER["REQUEST_METHOD"] == "POST") {

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

        $nameErr = "Name is required"; }

    else if (!preg_match("/^[a-zA-Z]*$/",$_POST["name"])) {

        $nameErr = "Only alphabets are allowed";}

    else {

        $name = test_input($_POST["name"]);

        echo "<h2>Your Input:</h2>";

        echo $name; }

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

        $regnoErr = "Regno is required";}

    else if (!preg_match("/^[a-zA-Z0-9]*$/",$_POST["regno"]))
{
```



```

    $regnoErr = "Only alpha numeric are allowed";}
else {
    $regno = test_input($_POST["regno"]);
    echo "<br>";
    echo $regno;
}}

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

?>

<h2>PHP Form Validation Example</h2>

<p><span class="error">* required field.</span></p>

<form method="post" action="formEg3.php">

    Name : <input type="text" name="name">

    <span class="error">* <?php echo $nameErr;?></span>

    <br><br>

    Regno: <input type="text" name="regno">

    <span class="error">* <?php echo $regnoErr;?></span>

```


<input type="submit" name="submit" value="Submit">

</form>

</body>

</html>

<!DOCTYPE HTML>

<html>

<head><title>**formEg4_1**</title>

<style>

.error {color: red;}

</style>

</head>

<body>

<?php

\$valid=1;

\$nameErr = \$regnoErr = \$phnoErr = \$emailErr = "";

\$name = \$regno = \$phno = \$email = "";

if(isset(\$_POST["submit"])&&

\$_SERVER["REQUEST_METHOD"]=="POST") {

 \$name = test_input(\$_POST["name"]);

 \$regno= test_input(\$_POST["regno"]);

```
$phno = test_input($_POST["phno"]);
$email = test_input($_POST["email"]);
if (empty($name)) {
    $nameErr = "Name is required";
    $valid=0; }
else {
    if (!preg_match("/^[a-zA-Z]*$/",$name)) {
        $nameErr = "Only alphabets are allowed";
        $valid=0;}
    }
if (empty($regno)) {
    $regnoErr = "Regno is required";
    $valid=0;}
else {
    if (!preg_match("/^[a-zA-Z0-9]*$/",$regno)) {
        $regnoErr = "Only alpha numeric are allowed";
        $valid=0;}
    }
if (empty($phno)) {
    $phnoErr = "Ph no is required";
    $valid=0;}
```

```

else {

    if (!preg_match("/[0-9]{10}/",$phno)) {

        $phnoErr = "Enter ten digit ph no";

        $valid=0;}

    }

if (empty($email)) {

    $emailErr = "Email is required";

    $valid=0;}

else {

    if (!preg_match("/^[_a-z0-9-]+(\.[_a-z0-9-]+)*@[a-
z0-9-]+(\.[a-z0-9-]+)*(\.[a-z]{2,3})$/",$email)) {

        $emailErr = "Enter a valid email addr";

        $valid=0;}

    }

if($valid==1) {

    include('formEg4_2.php');

    exit();

    }

    }

function test_input($data) {

    $data = trim($data);

```

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

<h2>PHP Form Validation</h2>

<p>* required field.</p>

<form method="post" action="formEg4_1.php">

Name : <input type="text" name="name" value="<?php
echo \$name?>">

* <?php echo \$nameErr;?>

Regno: <input type="text" name="regno" value="<?php
echo \$regno?>">

* <?php echo \$regnoErr;?>

Ph no : <input type="text" name="phno" value="<?php echo
\$phno?>">

* <?php echo \$phnoErr;?>

Email : <input type="email" name="email" value="<?php
echo \$email?>">

```
<span class="error">* <?php echo $emailErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>
</body>
</html>
```

```
<?php
```

```
//formEg4_2.php
```

```
    echo "<h2>Your Input:</h2>";
    echo $_POST["name"].'<br>';
    echo $_POST["regno"].'<br>';
    echo $_POST["phno"].'<br>';
    echo $_POST["email"].'<br>';
?>
```
