

# **Assignment 4**

## **PHP - Scripting Language**

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## Preview:-

String Functions in PHP

S. No.	String Function	Input	Button	Output
1.	md5()	<input type="text" value="String *"/> <input type="text" value="TRUE/FALSE"/>	<input type="button" value="APPLY"/>	<input type="text" value="041d8cd98f00b204e9800e"/>
2.	number_format()	<input type="text" value="number *"/> <input type="text" value="decimal"/> <input type="text" value="decimalpoint"/> <input type="text" value="separator"/>	<input type="button" value="APPLY"/>	<input type="text"/>
3.	ord()	<input type="text" value="String *"/>	<input type="button" value="APPLY"/>	<input type="text" value="0"/>
4.	rtrim()	<input type="text" value="String *"/> <input type="text" value="charlist"/>	<input type="button" value="APPLY"/>	<input type="text"/>
5.	str_replace()	<input type="text" value="find *"/> <input type="text" value="replace *"/> <input type="text" value="string *"/> <input type="text" value="count"/>	<input type="button" value="APPLY"/>	<input type="text"/>
6.	strlen()	<input type="text" value="String *"/>	<input type="button" value="APPLY"/>	<input type="text" value="0"/>
7.	strnatcasecmp()	<input type="text" value="string1 *"/> <input type="text" value="string2 *"/>	<input type="button" value="APPLY"/>	<input type="text"/>
8.	strpos()	<input type="text" value="String *"/> <input type="text" value="find *"/> <input type="text" value="start"/>	<input type="button" value="APPLY"/>	<input type="text"/>
9.	substr()	<input type="text" value="String *"/> <input type="text" value="start *"/> <input type="text" value="length"/>	<input type="button" value="APPLY"/>	<input type="text"/>
10.	strtolower()	<input type="text" value="String *"/>	<input type="button" value="APPLY"/>	<input type="text"/>
11.	bin2hex()	<input type="text" value="String *"/>	<input type="button" value="APPLY"/>	<input type="text"/>
12.	chop()	<input type="text" value="String *"/> <input type="text" value="charlist"/>	<input type="button" value="APPLY"/>	<input type="text"/>

## PHP & HTML 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>PHP String Functions</title>
  <link rel="stylesheet" href="style.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;700&di
splay=swap" rel="stylesheet">
</head>

<?php
$str1 = $_POST['str1'];
$str2 = $_POST['str2'];
```

```
$str3 = $_POST['str3'];
$str4 = $_POST['str4'];
$str5 = $_POST['str5'];
$str6 = $_POST['str6'];
$str7 = $_POST['str7'];
$str8 = $_POST['str8'];
$str9 = $_POST['str9'];
$str10 = $_POST['str10'];
$str11 = $_POST['str11'];
$str12 = $_POST['str12'];
$str13 = $_POST['str13'];
$str14 = $_POST['str14'];
$str15 = $_POST['str15'];
$str16 = $_POST['str16'];
$str17 = $_POST['str17'];
$str18 = $_POST['str18'];
$str19 = $_POST['str19'];
$str20 = $_POST['str20'];
$str21 = $_POST['str21'];
$str22 = $_POST['str22'];
$str23 = $_POST['str23'];
$str24 = $_POST['str24'];
$str25 = $_POST['str25'];
$str26 = $_POST['str26'];

//md5()
if ($str2 != "") {
    $res1 = md5($str1, $str2);
}
else {
    $res1 = md5($str1);
}

//number_format()
if ($str3 != "" && $str4 != "" && $str5 != "" && $str6 != "") {
    $res2 = number_format($str3, $str4, $str5, $str6);
}
elseif ($str3 != "" && $str4 != "" && $str5 != "") {
    $res2 = number_format($str3, $str4, $str5);
}
```

```
elseif ($str3 != "" && $str4 != "") {
    $res2 = number_format($str3, $str4);
}
elseif ($str3 != "") {
    $res2 = number_format($str3);
}

//ord()
$res3 = ord($str7);

//rtrim()
if ($str8 != "" && $str9 != "") {
    $res4 = rtrim($str8, $str9);
}
elseif ($str8 != "") {
    $res4 = rtrim($str8);
}

//str_replace()
if ($str10 != "" && $str11 != "" && $str12 != "" && $str13 != "") {
    $res5 = str_replace($str10, $str11, $str12, $str13);
}
elseif ($str10 != "" && $str11 != "" && $str12 != "") {
    $res5 = str_replace($str10, $str11, $str12);
}
elseif ($str10 != "" && $str11 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str10 != "" && $str12 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str10 != "" && $str13 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str11 != "" && $str12 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str11 != "" && $str13 != "") {
    $res5 = "Minimum 3 arguments *!";
}
}
```

```

elseif ($str12 != "" && $str13 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str10 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str11 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str12 != "") {
    $res5 = "Minimum 3 arguments *!";
}
elseif ($str13 != "") {
    $res5 = "Minimum 3 arguments *!";
}

//strlen()
$res6 = strlen($str14);

//strnatcasecmp()
if ($str15 != "" && $str16 != "") {
    $res7 = strnatcasecmp($str15, $str16);
}
elseif ($str15 != "") {
    $res7 = "Minimun 2 arguments *!";
}
elseif ($str16 != "") {
    $res7 = "Minimun 2 arguments *!";
}

//strrpos()
if ($str17 != "" && $str18 != "" && $str19 != "") {
    $res8 = strrpos($str17, $str18, $str19);
}
elseif ($str17 != "" && $str18 != "") {
    $res8 = strrpos($str17, $str18);
}
elseif ($str17 != "") {
    $res8 = "Minimum 2 arguments *!";
}

```

```

}
elseif ($str18 != "") {
    $res8 = "Minimum 2 arguments *!";
}

//substr()
if ($str20 != "" && $str21 != "" && $str22 != "") {
    $res9 = substr($str20, $str21, $str22);
}
elseif ($str20 != "" && $str21 != "") {
    $res9 = substr($str20, $str21);
}
elseif ($str20 != "") {
    $res9 = "Minimum 2 arguments *!";
}
elseif ($str21 != "") {
    $res9 = "Minimum 2 arguments *!";
}

//strtolower()
$res10 = strtolower($str23);

//bin2hex()
$res11 = bin2hex($str24);

//chop()
if ($str25 != "" && $str26 != "") {
    $res12 = chop($str25, $str26);
}
elseif ($str25 != "") {
    $res12 = chop($str25);
}

?>

<body>
    <div class="wrapper">

```

```
<h1>String Functions in PHP</h1>
```

```
<form method="post">
```

```
<table>
```

```
    <!-- Table Heading -->
```

```
    <tr>
```

```
        <th>S. No.</th>
```

```
        <th>String Function</th>
```

```
        <th>Input</th>
```

```
        <th>Button</th>
```

```
        <th>Output</th>
```

```
    </tr>
```

```
    <!-- md5 () -->
```

```
    <tr>
```

```
        <td class="tcenter">1.</td>
```

```
        <td>md5 ()</td>
```

```
        <td>
```

```
            <input name="str1" type="text" placeholder="string *">
```

```
            <input name="str2" type="text" placeholder="TRUE/FALSE">
```

```
        </td>
```

```
        <td>
```

```
            <button type="submit">Apply</button>
```

```
        </td>
```

```
        <td>
```

```
            <input class="tcenter" type="text" readonly value="php<br/echo @$res1;?>">
```

```
        </td>
```

```
    </tr>
```

```
    <!-- number_format() -->
```

```
    <tr>
```

```
        <td class="tcenter">2.</td>
```

```
        <td>number_format ()</td>
```

```
        <td>
```

```
            <input name="str3" type="text" placeholder="number *">
```

```
            <input name="str4" type="number" placeholder="decimal">
```

```
            <input name="str5" type="text" placeholder="decimalpoint">
```

```
            <input name="str6" type="text" placeholder="separator">
```

```

        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res2;?>">
        </td>
    </tr>

    <!-- ord() -->
    <tr>
        <td class="tcenter">3.</td>
        <td>ord()</td>
        <td>
            <input name="str7" type="text" placeholder="string *">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res3;?>">
        </td>
    </tr>

    <!-- rtrim() -->
    <tr>
        <td class="tcenter">4.</td>
        <td>rtrim()</td>
        <td>
            <input name="str8" type="text" placeholder="string *">
            <input name="str9" type="text" placeholder="charlist">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res4;?>">

```



```

        </td>
    </tr>

    <!-- str_replace() -->
    <tr>
        <td class="tcenter">5.</td>
        <td>str_replace()</td>
        <td>
            <input name="str10" type="text" placeholder="find *">
            <input name="str11" type="text" placeholder="replace *">
            <input name="str12" type="text" placeholder="string *">
            <input name="str13" type="text" placeholder="count">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res5;?>">
        </td>
    </tr>

    <!-- strlen() -->
    <tr>
        <td class="tcenter">6.</td>
        <td>strlen()</td>
        <td>
            <input name="str14" type="text" placeholder="string *">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res6;?>">
        </td>
    </tr>

    <!-- strnatcasecmp() -->
    <tr>

```

```

        <td class="tcenter">7.</td>
        <td>strnatcasecmp()</td>
        <td>
            <input name="str15" type="text" placeholder="string1 *">
            <input name="str16" type="text" placeholder="string2 *">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res7;?>">
        </td>
    </tr>

    <!-- strrpos() -->
    <tr>
        <td class="tcenter">8.</td>
        <td>strrpos()</td>
        <td>
            <input name="str17" type="text" placeholder="string *">
            <input name="str18" type="text" placeholder="find *">
            <input name="str19" type="number" placeholder="start">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res8;?>">
        </td>
    </tr>

    <!-- substr() -->
    <tr>
        <td class="tcenter">9.</td>
        <td>substr()</td>
        <td>
            <input name="str20" type="text" placeholder="string *">
            <input name="str21" type="number" placeholder="start *">

```

```

        <input name="str22" type="number" placeholder="length">
    </td>
    <td>
        <button type="submit">Apply</button>
    </td>
    <td>
        <input class="tcenter" type="text" readonly value="<?php
echo @$res9;?>">
    </td>
</tr>

<!-- strtolower() -->
<tr>
    <td class="tcenter">10.</td>
    <td>strtolower()</td>
    <td>
        <input name="str23" type="text" placeholder="string *">
    </td>
    <td>
        <button type="submit">Apply</button>
    </td>
    <td>
        <input class="tcenter" type="text" readonly value="<?php
echo @$res10;?>">
    </td>
</tr>

<!-- bin2hex() -->
<tr>
    <td class="tcenter">11.</td>
    <td>bin2hex()</td>
    <td>
        <input name="str24" type="text" placeholder="string *">
    </td>
    <td>
        <button type="submit">Apply</button>
    </td>
    <td>
        <input class="tcenter" type="text" readonly value="<?php
echo @$res11;?>">

```

```

        </td>
    </tr>

    <!-- chop() -->
    <tr>
        <td class="tcenter">12.</td>
        <td>chop()</td>
        <td>
            <input name="str25" type="text" placeholder="string *">
            <input name="str26" type="text" placeholder="charlist">
        </td>
        <td>
            <button type="submit">Apply</button>
        </td>
        <td>
            <input class="tcenter" type="text" readonly value="<?php
echo @$res12;?>">
        </td>
    </tr>

</table>
</form>
</div>
</body>
</html>

```

## CSS Code :-

```
body {
  font-family: Poppins, sans-serif;
  margin: 50px 70px;
  background: linear-gradient(to right, #25c481, #25b7c4);
  color: white;
}

.wrapper {
  display: flex;
  flex-direction: column;
  align-items: center;
  padding: 50px;
}

h1 {
  color: #000000;
}

table {
  border-spacing: 0;
}

th {
  background-color: rgba(255,255,255,0.3);
  border: 1px solid rgba(255,255,255,0.3);
  padding: 5px;
  color: #5d5d5d;
}

td {
  border: solid 1px rgba(255,255,255,0.1);
  padding: 4px;
}

input {
  background-color: rgba(255,255,255,0.3);
  border: 1px solid rgba(255,255,255,0.3);
  border-radius: 3px;
```

```
padding: 2px;
color: white;
}

input::placeholder {
  color: #ffffff;
}

button {
  background-color: rgba(255,255,255,0.3);
  border: 1px solid rgba(255,255,255,0.3);
  border-radius: 3px;
  padding: 5px;
  text-transform: uppercase;
  color: white;
}

.tcenter {
  text-align: center;
}
```