

Title: Write a PHP script to Demonstrate OOPS Concept in PHP..

Objective : Windows System, XAMPP Software, Chrome Browser

Theory : The PHP switch Statement

Use the switch statement to select one of many blocks of code to be executed.

Syntax

```
switch (n) {  
    case label1:  
        code to be executed if n=label1;  
        break;  
    case label2:  
        code to be executed if n=label2;  
        break;  
    case label3:  
        code to be executed if n=label3;  
        break;  
    ...  
    default:  
        code to be executed if n is different from all labels;  
}
```

String Functions:

1. `strtoupper()` and `strtolower()` Function: It returns the string after changing cases of its letters.

Syntax:

`strtoupper(string)`

`strtolower(string)`

2. `str_split()` Function: It returns an array containing parts of the string.

Syntax:

`str_split(string, length)`

Parameters:

string: It specifies the string to be checked, it can also be a variable name of type string.

length: It specifies the length of each part of the string to be stored in the string, by default, it is 1. If the length is larger than the size of the string, then the complete string is returned.

3. `strrev()` Function: It returns the reversed string of the given string.

Syntax:

`strrev(string or variable name)`

4. `strlen()` Function: It returns the length of the string i.e. the count of all the characters in the string including whitespaces characters.

Syntax:

`strlen(string or variable name)`

5. `str_repeat($str, $counter)`

This function is used to repeat a string a given number of times. The first argument is the string and the second argument is the number of times the string should be repeated.

6. `substr($str, $start, $length)`

This function is used to take out a part of the string(substring), starting from a particular position, of a particular length.

The first argument is the string itself, second argument is the starting index of the substring to be extracted and the third argument is the length of the substring to be extracted.

-Program-

```
<?php
    $i= 4;
    $str1 = "Welcome SSBT COET";
    switch ($i)

    {

        case 0:
            echo"<br>Converting all the letters to uppercase.<br>";
            echo strtoupper($str1)."<br>";

            break;

        case 1:
            echo"<br>Converting all the letters to lowercase.";
            echo strtolower($str1)."<br>";

            break;

        case 2:
            echo"<br> Returns an array containing parts of the string.";
            print_r(str_split($str1));
```

```

    echo "<br><br>";
    print_r(str_split($str1, 3));

break;

case 3:
    echo "<br> Reversed string of the given string.";
    echo strrev($str1);
break;
case 4:
    echo "Returns the length of the string<br>";
    echo strlen($str1);
break;
case 5:echo "<br>Repeat string ";
    echo str_repeat($str1, 2);

    break;
case 6:
    echo "Printing sub string<br>";
    echo substr($str1, 11, 6);

    break;
default:

echo "Invalid option";

}

?>

```

-OUTPUT-



Returns the length of the string
17