

❖ die() & exit()

- die() and exit() both are used to stop the execution of php code.
- When we have to stop the execution of program at that time we have to use die() and exit().
- It will stop the program's execution
- Example :

```
<?php  
  
    echo "Hello ";  
  
    die();  
  
    echo "World";  
  
?>
```

❖ PHP regular expression

- Regular expressions allow you to search for and replace patterns in strings.
- Here is the list of all the regular expression functions.
- 1. preg_match()
 - It returns true if match is found in the string and false if match is not found in the string.
 - Syntax : preg_match (pattern , input)
 - Example :

```
<?php  
  
    $str = "this is the string";  
  
    If(preg_match($str)) {  
  
        echo "match found";  
  
    }  
  
    else {  
  
        echo "match not found";  
  
    }  
  
?>
```

❖ Functions

- When we want to perform some task again and again at that time we can create a function and put all that repeated code into a block called function
- We can create a function using function keyword.
- Example :

```
<?php

function displayMessage ( ) {
    echo "hello , good morning";
}

displayMessage ( );

?>
```

- We can also take arguments and perform functionality on those arguments as well.
- Arguments can be of any types as we want and we can also pass as many numbers of arguments as we want.
- Example :

```
<?php

Function battingAverage ($name,$runs,$innings,$notouts) {
    $totaldismissals = $innings - $notouts;
    $average = $runs / $total_dismissals;
    echo "player name : " . $name . "<br> batting average : "
    . $average ;
}

battingAverage("Rohit sharma" , 9115 , 217 , 32);

?>
```

- We can also return the value or return the result of function. It is not necessary to echo or print the result.
- If we just want to return the value then we can do that by return keyword.
- Example :

```
<?php

Function bowlingAverage($name , $runs, $wickets) {
    $average = $runs / $wickets;
```

```

        echo " <br><br><b>" . $name . "</b> <br> Average : ";
        return average;
    }

    echo bowlingAverage("jasprit bumrah" , 2736 , 108);

?>

```

❖ Global variables and functions

- We can not use variables inside the function which are declared outside of function
- To use these kind of variables , we have to use global keyword.
- Example :

```

<?php

$pi = 3.14;

function circleArea($r) {

    global $pi;

    $area = $pi * (r*r);

    return $area;

}

echo "the area of circle is : " . $area;

?>

```

❖ String functions

- String functions are used to perform operations on strings.
- We can get different outputs related to strings using these functions.
- There are so many functions are available but here are some which are as follows:

▪ 1) addslashes()

- Addslashes() adds forward slashes near some pre-defined characters like, " , ' , null , spaces , tabs etc...
- Example :

```

<?php

```

```
$str = 'my name is "Rohit Sharma" ' ;  
echo addslashes($str);
```

```
?>
```

▪ 2) htmlentities()

- htmlentities() converts characters to html entities.
- Example :

```
<?php  
$str = '<a href="https://www.php.net/">php.net</a>';  
echo htmlentities($str);  
?  
>
```

▪ 3) similar_text()

- similar_text() return the percentage of similarity between two strings.
- It takes 3 arguments first two are strings and third result variable.
- Example :

```
<?php  
$str1 = "php is not a framework";  
$str2 = "Laravel is a framework of php";  
echo similar_text($str1 , str2 , $result);  
?  
>
```

▪ 4) str_shuffle()

- str_shuffle() function shuffle the string.
- The whole string will be shuffled.
- Example :

```
<?php  
$str = "this is simple string";  
echo str_shuffle($str);  
?  
>
```

▪ 5) strlen()

- strlen() function return the length of string
- it returns the number of characters available in the string.
- Example :

```
<?php
    $str = "hello everyone. Good evening. I will upload all the
        Content in the repo. Now";
    echo strlen($str);
?>
```

▪ 6) strrev()

- Strrev() function print the string in reverse order
- Example :

```
<?php
    $str = "this is simple text";
    echo strrev($str);
?>
```

▪ 7) substr()

- Substr() function return the part of given string.
- We have to pass three argument. First is string, second is starting point and third is length.
- Example :

```
<?php
    $str = "I am Rohit Sharma. I am an opener for Indian team";
    echo substr($str , 0 , 8);
?>
```

▪ 8) trim()

- Trim() function is used to trim the string from both the sides
- If we want to trim from left side then we can use ltrim()
- If we want to trim from right side then we can use rtrim()
- Example :

```
<?php
```

```
$str = "    string with spaces and tabs    ";  
echo trim($str);
```

```
?>
```

▪ 9) str_word_count()

- str_word_count() function is used to get the number of words available in the string.
- We can also get the words in an array also.
- Example :

```
<?php
```

```
$string = "hello everyone. Thank you for your attention";  
echo str_word_count($string) . "<br>";  
print_r(str_word_count($string , 1)) . "<br>";  
print_r(str_word_count($string , 2)) . "<br>";
```

```
?>
```

php