

Practical No – 8

Objective:-

Write functions in PHP to swap two integer values by using call by value and call by reference.

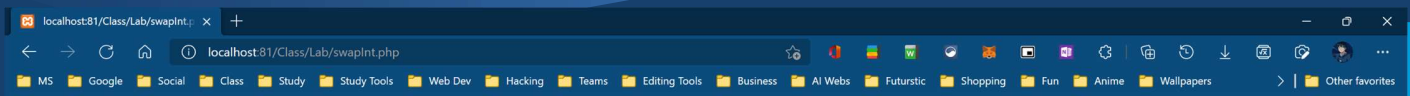
Theory:-

1. <?php...?> used to mark beginning and the end of the block of the code.
2. echo used to display the output.
3. \$ Returns a reference to the variable.
4.
 it inserts a line break.
5. function() any name ending with an open and close parenthesis is a function.

Code:-

```
<?php
function callByValue($a,$b){
    $temp=$a;
    $a=$b;
    $b=$temp;
}
$a=10;
$b=20;
echo"Call By Value:". "<br/><br/>";
echo"The Value of A (Before) = ".$a."<br/>";
echo"The Value of A (Before) = ".$b."<br/>";
callByValue($a,$b);
echo"The Value of A (After) = ".$a."<br/>";
echo"The Value of A (After) = ".$b."<br/>";
function callByRefrence(&$a,&$b){
    $temp=$a;
    $a=$b;
    $b=$temp;
}
$a=10;
$b=20;
echo"Call By Reference:".$a."<br/><br/>";
echo"The Value of A (Before) = ".$a."<br/>";
echo"The Value of A (Before) = ".$b."<br/>";
callByValue($a,$b);
echo"The Value of A (After) = ".$a."<br/>";
echo"The Value of A (After) = ".$b."<br/>";
?>
```

Output:-



Call By Value:

The Value of A (Before) = 10

The Value of A (Before) = 20

The Value of A (After) = 10

The Value of A (After) = 20

Call By Reference:10

The Value of A (Before) = 10

The Value of A (Before) = 20

The Value of A (After) = 10

The Value of A (After) = 20
