

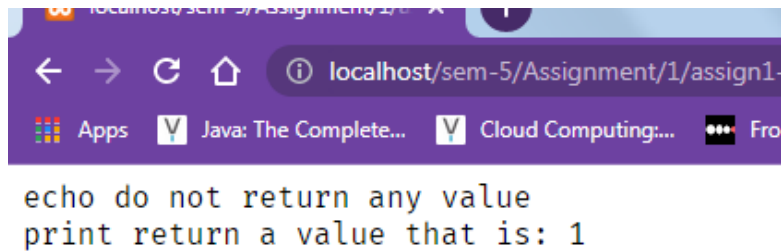
# **ASSIGNMENT-1**

Q1. Write A php script to demonstrate difference between echo and print.

➤ Code:

```
<?php  
echo "echo do not return any value<br>";  
echo print("print return a value that is: ");  
?>
```

➤ Output:



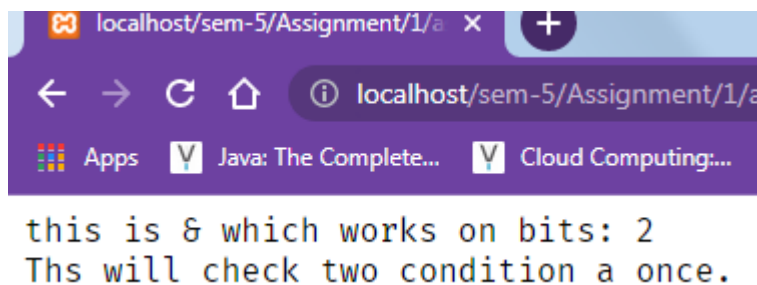
# **ASSIGNMENT-1**

Q2. Write a php script to demonstrate difference between & and &&.

➤ Code:

```
<?php
$a = 2;
$b = 3;
echo "this is & which works on bits: " . $a&$b;
if($a>0 && $b<10){
    echo "Ths will check two condition a once.";
}
else{
    echo "Both condition is false";
}
?>
```

➤ Output:



# **ASSIGNMENT-1**

Q3. Write a php scrip to demonstrate difference between == and ===.

➤ Code:

```
<?php
echo "Example 1: Loose comparison (==)<br>";

$a = 5;
$b = "5";

if ($a == $b) {
    echo "$a is equal to $b<br>";
} else {
    echo "$a is equal not to $b<br>";
}

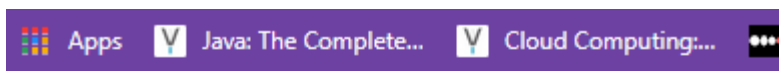
echo "<br>Example 2: Strict comparison (===)<br>";

$a = 5;
$b = "5";

if ($a === $b) {
    echo "$a is equal to $b<br>";
} else {
    echo "$a is not equal to $b<br>";
}

?>
```

➤ Output:



Example 1: Loose comparison (==)  
5 is equal to 5

Example 2: Strict comparison (===)  
5 is not equal to 5

# **ASSIGNMENT-1**

Q4. Write a php script to demonstrate assignment,logical, Relational, Typof Operators.

➤ Code:

```
<?php
// Assignment Operators
echo "Assignment Operators:<br>";
$a = 10;
$b = 20;
echo "Value of a: $a, Value of b: $b<br>";
$a += $b;
echo "After a += b, Value of a: $a, Value of b: $b<br>";
$a -= $b;
echo "After a -= b, Value of a: $a, Value of b: $b<br>";
$a *= $b;
echo "After a *= b, Value of a: $a, Value of b: $b<br>";
$a /= $b;
echo "After a /= b, Value of a: $a, Value of b: $b<br>";
$a %= $b;
echo "After a %= b, Value of a: $a, Value of b: $b<br>";

// Logical Operators
echo "<br>Logical Operators:<br>";
$a = true;
$b = false;
echo "Value of a: $a, Value of b: $b<br>";
echo "a AND b: ".$a && $b."<br>";
echo "a OR b: ".$a || $b."<br>";
```

# **ASSIGNMENT-1**

```
echo "a XOR b: ".$a xor $b."<br>";

echo "!a: ".$a."<br>";

// Relational Operators

echo "<br>Relational Operators:<br>";

$a = 10;

$b = 20;

echo "Value of a: $a, Value of b: $b<br>";

echo "a == b: ".$a == $b."<br>";

echo "a != b: ".$a != $b."<br>";

echo "a === b: ".$a === $b."<br>";

echo "a !== b: ".$a !== $b."<br>";

echo "a > b: ".$a > $b."<br>";

echo "a < b: ".$a < $b."<br>";

echo "a >= b: ".$a >= $b."<br>";

echo "a <= b: ".$a <= $b."<br>";


// Type Operators

echo "<br>Type Operators:<br>";

$a = 10;

$b = "10";

echo "Value of a: $a, Value of b: $b<br>";

echo "gettype(a): ".gettype($a)."<br>";

echo "gettype(b): ".gettype($b)."<br>";

echo "is_int(a): ".is_int($a)."<br>";

echo "is_string(b): ".is_string($b)."<br>";

echo "isset(a): ".isset($a)."<br>";

echo "unset(a): "; unset($a); echo "isset(a): ".isset($a)."<br>";
```

# **ASSIGNMENT-1**

?>

➤ Output:

Assignment Operators:

Value of a: 10, Value of b: 20

After a += b, Value of a: 30, Value of b: 20

After a -= b, Value of a: 10, Value of b: 20

After a \*= b, Value of a: 200, Value of b: 20

After a /= b, Value of a: 10, Value of b: 20

After a %= b, Value of a: 10, Value of b: 20

Logical Operators:

Value of a: 1, Value of b:

a AND b:

a OR b: 1

a XOR b: 1

!a:

Relational Operators:

Value of a: 10, Value of b: 20

a = b:

a ≠ b: 1

a ≡ b:

a ≡ b: 1

a > b:

a < b: 1

a ≥ b:

a ≤ b: 1

Type Operators:

Value of a: 10, Value of b: 10

gettype(a): integer

gettype(b): string

is\_int(a): 1

is\_string(b): 1

isset(a): 1

unset(a): isset(a):

# **ASSIGNMENT-1**

Q5. Write a php script to demonstrate bitwise operator.

➤ **Code:**

```
<?php
$a = 5;    // 00000101
$b = 3;    // 00000011
$result = $a & $b; // 00000001
echo $result,"<br>"; // Output: 1
$result = $a | $b; // 00000111
echo $result,"<br>"; // Output: 7
$result = $a ^ $b; // 00000110
echo $result,"<br>"; // Output: 6
$result = ~$a; // 11111010
echo $result,"<br>"; // Output: -6
$result = $a << 1; // 00001010
echo $result,"<br>"; // Output: 10
$result = $a >> 1; // 00000010
echo $result,"<br>"; // Output: 2
?>
```

➤ **Output:**



```
1
7
6
-6
10
2
```

# **ASSIGNMENT-1**

Q6. Write a php script to print table of 2,3,4,5.

➤ Code:

```
<?php
$numbers = [2, 3, 4, 5];
foreach ($numbers as $number) {
    echo "<h2>Table of $number</h2>";
    echo "<table border='1'>";
    for ($i = 1; $i <= 10; $i++) {
        echo "<tr>";
        echo "<td>$i</td>";
        echo "<td>x</td>";
        echo "<td>$number</td>";
        echo "<td>=</td>";
        echo "<td>" . ($i * $number) . "</td>";
        echo "</tr>";
    }
    echo "</table>";
    echo "<br>";
}
?>
```

➤ Output:

## **Table of 2**

1	x	2	=	2
2	x	2	=	4
3	x	2	=	6
4	x	2	=	8
5	x	2	=	10
6	x	2	=	12



# **ASSIGNMENT-1**

7	x	2	=	14
8	x	2	=	16
9	x	2	=	18
10	x	2	=	20

## **Table of 3**

1	x	3	=	3
2	x	3	=	6
3	x	3	=	9
4	x	3	=	12
5	x	3	=	15
6	x	3	=	18
7	x	3	=	21
8	x	3	=	24
9	x	3	=	27
10	x	3	=	30

## **Table of 4**

1	x	4	=	4
2	x	4	=	8
3	x	4	=	12
4	x	4	=	16
5	x	4	=	20
6	x	4	=	24
7	x	4	=	28
8	x	4	=	32
9	x	4	=	36
10	x	4	=	40

## **Table of 5**

# **ASSIGNMENT-1**

1	x	5	=	5
2	x	5	=	10
3	x	5	=	15
4	x	5	=	20
5	x	5	=	25
6	x	5	=	30
7	x	5	=	35
8	x	5	=	40
9	x	5	=	45
10	x	5	=	50