

Practical 2

Aim: Write a PHP script to demonstrate arithmetic operators, comparison operator, and logical operator.

Code:

```
<html>
<body>
  <center>
    <table border=3>
      <tr>
        <td>Enroll</td>
        <td colspan="3">186170316556</td>
      </tr>
      <tr>
        <td>Name</td>
        <td colspan="3">Ayush Solanki</td>
      </tr>
      <tr>
        <td>Practical No.</td>
        <td colspan="3">2</td>
      </tr>
      <tr>
        <td>Aim</td>
        <td colspan="3">Write a PHP script to demonstrate arithmetic operators,comparison operator,
and logical operator.</td>
      </tr>
      <tr>
        <td colspan="4"><b>1. Arithmetic Operators</b></td>
      </tr>
```



```
<tr>
  <td>%</td>
  <td><?php $a=27; echo $a; ?></td>
  <td><?php $b=15;echo $b; ?></td>
  <td><?php echo $a%$b; ?></td>
</tr>
<tr>
  <td>**</td>
  <td><?php $a=3; echo $a; ?></td>
  <td><?php $b=2;echo $b; ?></td>
  <td><?php echo $a**$b; ?></td>
</tr>
<tr>
  <td colspan="4"><b>2. Logical Operators</b></td>
</tr>
<tr>
  <td>and</td>
  <td><?php $a=1;echo $a; ?></td>
  <td><?php $b=1;echo $b; ?></td>
  <td><?php echo $a and $b; ?></td>
</tr>
<tr>
  <td>or</td>
  <td><?php $a=0;echo $a; ?></td>
  <td><?php $b=1;echo $b; ?></td>
  <td><?php echo $a or $b; ?></td>
</tr>
<tr>
  <td>xor</td>
  <td><?php $a=1;echo $a; ?></td>
```

<td><?php \$b=0;echo \$b; ?></td>
<td><?php echo \$a xor \$b; ?></td>

<tr>
<td>not(!)</td>
<td><?php \$a=0; echo \$a; ?></td>
<td></td>
<td><?php echo !(\$a); ?></td>

<tr>
<td colspan="4">3. Comparison Operators</td>

<tr>
<td>==</td>
<td><?php \$a=15;echo \$a; ?></td>
<td><?php \$b='15';echo \$b; ?></td>
<td><?php echo \$a==\$b; ?></td>

<tr>
<td>===</td>
<td><?php \$a=19;echo \$a; ?></td>
<td><?php \$b=19;echo \$b; ?></td>
<td><?php echo \$a=== \$b; ?></td>

<tr>
<td>!=</td>
<td><?php \$a=1;echo \$a; ?></td>
<td><?php \$b=0;echo \$b; ?></td>
<td><?php echo \$a!= \$b; ?></td>

<tr>

```
<tr>
    <td></td>
    <td><?php $a=10;echo $a; ?></td>
    <td><?php $b=7;echo $b; ?></td>
    <td><?php echo $a>$b; ?></td>
</tr>
<tr>
    <td></td>
    <td><?php $a=7;echo $a; ?></td>
    <td><?php $b=10;echo $b; ?></td>
    <td><?php echo $a<$b; ?></td>
</tr>
<tr>
    <td>>=</td>
    <td><?php $a=10;echo $a; ?></td>
    <td><?php $b=10;echo $b; ?></td>
    <td><?php echo $a>=$b; ?></td>
</tr>
<tr>
    <td><=</td>
    <td><?php $a=17;echo $a; ?></td>
    <td><?php $b=19;echo $b; ?></td>
    <td><?php echo $a<=$b; ?></td>
</tr>

</table>
</center>
</body>
</html>
```

Output:

Enroll	186170316556		
Name	Ayush Solanki		
Practical No.	2		
Aim	Write a PHP script to demonstrate arithmetic operators,comparison operator, and logical operator.		
1. Arithmetic Operators			
Operator	Operand 1	Operand 2	Result
+	10	15	25
-	20	10	10
*	2	9	18
/	20	10	2
%	27	15	12
**	3	2	9
2. Logical Operators			
and	1	1	1
or	0	1	1
xor	1	0	1
not(!)	0		1
3. Comparison Operators			
==	15	15	1
===	19	19	1
!=	1	0	1
>	10	7	1
<	7	10	1
>=	10	10	1
<=	17	19	1