Practical 5

a) Write a PHP program to accept a number from the user & print it factorial.

Code:

```php
<?php


$num = 4;

$factorial = 1;

for ($x=$num; $x>=1; $x--)

{

  $factorial = $factorial * $x;

}
echo "Factorial of $num is $factorial";


?>
```

Output:

Factorial of 4 is 24

b) Write a PHP program to accept a number from the user and print wheather it is prime or not.

Code:

```php
<?php
function IsPrime($n)
```

```php
{
  for($x=2; $x<$n; $x++)
  {
    if($n %$x ==0)
    {
      return 0;
    }
  }
  return 1;
}
$a = IsPrime(3);
if ($a==0)
echo 'This is not a Prime Number.....'."\n";
else
echo 'This is a Prime Number..'."\n";
?>
```

Output:

This is a Prime Number:

Practical 6

a) Write a PHP program to display the following pyramid code:

Code:-

```php
<?php
// problem 01 solution
for($i=5;$i>=1;$i--)
{
echo  str_repeat('*',$i);
echo "<br />";
}


echo "<hr />";

// problem 02 solution

echo '<p align="right">';
for($i=1;$i<=5;$i++)
{
echo  str_repeat('*',$i);
echo "<br />";
}
echo "</p>";

echo "<hr />";
```

```php
// problem 03 solution

$j=1;

for($i=5;$i>=1;$i--)
{
echo  str_repeat(" ",$i-1);
echo  str_repeat('*',$j++);
echo "<br />";
}

?>
```

Output:-Pract

```
*****
****
***
**
*
```

Press F11 to exit full screen

```
    *
   **
  ***
 ****
*****
```

```
    *
   **
  ***
 ****
*****
```

Practical 7

a) Write a PHP program to demonstrate string function

Code:

```php
<?php
 $string = "What is the definition of a caterpillar?";
 echo strlen($string);   // Result Will Be 40


 echo strlen("A worm in a fur coat!");   // Result Will Be 21


 $string_length = strlen($string);
 // The Length of $string (40) Is Now Stored In
$string_length
?>
```

Output:

4021

Practical 8

a) Write a PHP code to create a database College and
   Create a table department (Dname,
   Dno.,Number_of_faculty)

Code:

Output:

b) Write a PHP program for authenticating user.

Code:

Output:

Practical 9

a) Write a program to send email with attachment .

Code:

Output:

Practical 10

a) Write a program to demonstrate use of session and cookies.

Code:

Output: