TRIBHUVAN UNIVERSITY
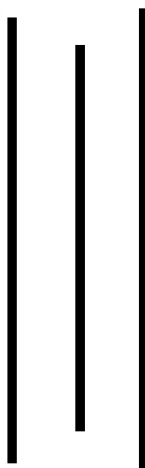
LUMBINI ICT CAMPUS

Gaindakot, Nawalpur

SUBECT: WEB TECH - II

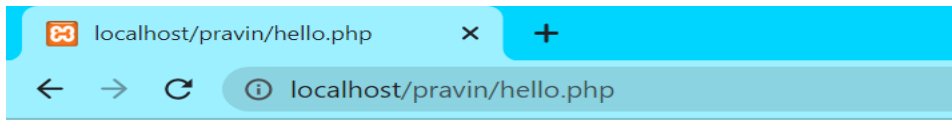**Submitted by:**   **Submitted to:**

Pravin Ghimire   Kamal Guragain

Faculty: BIM

Title: First PHP code to display some text.

Output:

Code:

```php
<?php
  echo "<h1>Hello World</h1>";
?>
```

Title: Program to find sum of number using PHP

Output:

Code:

```php
<?php
 $v1="";
 $v2="";
 $r="";
if(isset($_GET["btnadd"]))
 {
   $v1=$_GET["txtv1"];
   $v2=$_GET["txtv2"];
   $r=$v1+$v2;
 }
?>
<html>
 <head>
  <title> Sum of Numbers </title>
 </head>
 <body>
   <form action="sum.php" method="get">
    Value A<input type="text" name="txtv1" value="<?php echo $v1;?>">
    Value B<input type="text" name="txtv2" value="<?php echo $v2;?>"><br><br>
    <input type="submit" value="add" name="btnadd">
    <br><br><br>
    Result<input type="text" name="txtresult" value="<?php echo $r; ?>">
   </form>
 </body>
</html>
```
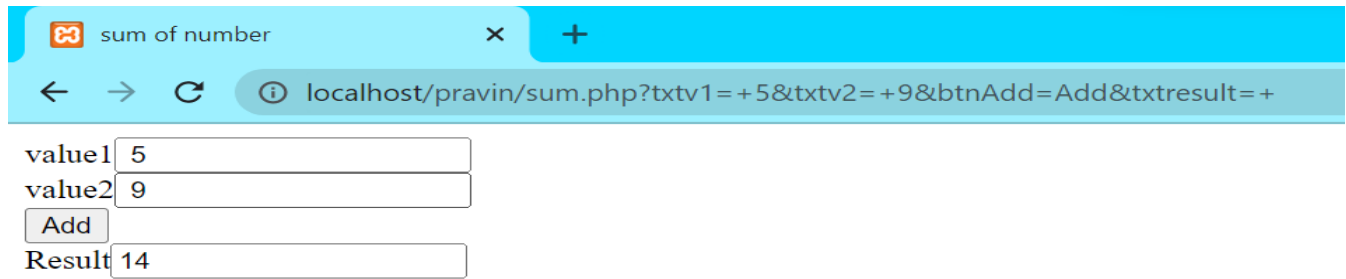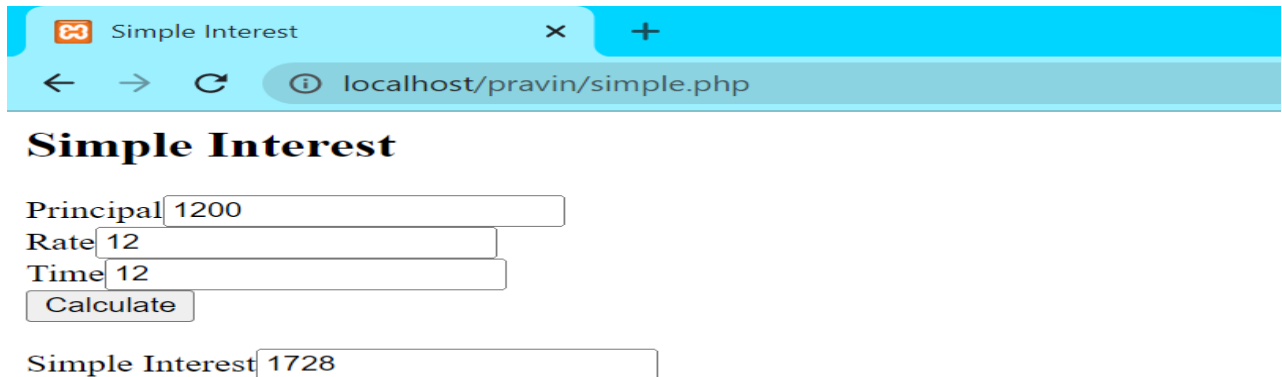
Title: Program to find simple interest using PHP

Output:

Code:

```php
<?php
$p="";
$t="";
$r="";
$si="";
if(isset($_POST["btncalculate"]))
{
   $p=$_POST["txtp"];
   $r=$_POST["txtr"];
   $t=$_POST["txtt"];
   $si=($p*$t*$r)/100;
}
?>
<html>
   <head>
      <title>Simple Interest</title>
   </head>
   <body>
      <form action="simple.php" method="post">
         Principal<input type="text" name="txtp" value="<?php echo $p; ?>"><br><br>
         Rate<input type="text" name="txtr" value="<?php echo $r; ?>"><br><br>
         Time<input type="text" name="txtt" value="<?php echo $t; ?>"><br><br>
         <input type="Submit" value="Calculate" name="btncalculate"><br><br>
         Simple Interest<input type="text" name="txtsi" value="<?php echo $si; ?>">
      </form>
   </body>
</html>
```
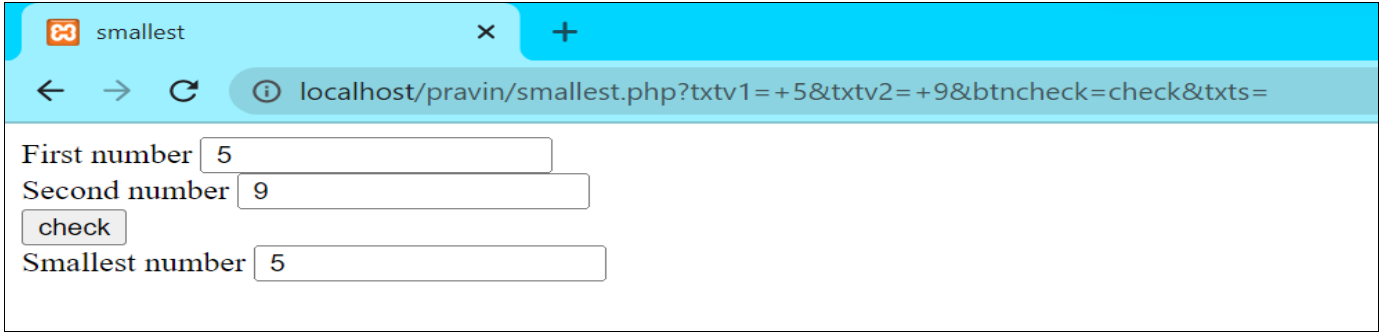
Title: Program to find smallest number using PHP

Output:

Code:

```php
<?php
$v1 = $v2 = $s = "";
if (isset($_GET["btncheck"])) {
    $v1 = $_GET["txtv1"];
    $v2 = $_GET["txtv2"];
    if ($v1 < $v2) {
        $s = $v1;
    } else {
        $s = $v2;
    }
}
?>
<html>
<head><title> smallest</title>
</head>
<body>
    <form action="smallest.php" method="GET">
        First number <input type="text" name="txtv1" value="<?php echo $v1; ?>"><br>
        Second number <input type="text" name="txtv2" value="<?php echo $v2; ?>"><br>
        <input type="submit" value="check" name="btncheck"><br>
        Smallest number <input type="text" name="txts" value="<?php echo $s; ?>">
    </form></body></html>
```
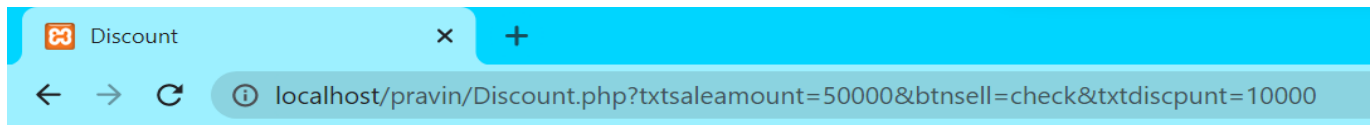
Title: Program to find discount for sales amount using PHP

Output:

Discount   ×   +

← → C   ⓘ localhost/pravin/Discount.php?txtsaleamount=50000&btnsell=check&txtdiscpunt=10000

Discount

Enter Sale Amount `50000`
check
Your Discount `10000`

Code:

```php
<?php
$s="";   $d="";
if(isset($_GET["btnsell"]))
{
    $s=$_GET["txtsaleamount"];
  if($s<1000)
    {
      $d=0;
    }
  else if($s>=1000&&$s<10000)
    {
      $d=$s*10/100;
    }
  else if($s>=10000&&$s<50000)
    {
      $d=$s*15/100;
    }
  else
    {
      $d=$s*20/100;
  }}?>
<html>
<head>
  <title> Discount</title>
</head>
<body>
<form action="Discount.php" method="get">
   Enter Sale Amount<input type="text" name="txtsaleamount" value="<?php echo $s;?>"><br><br>
   <input type="submit" value="Sell" name="btnsell"><br><br><br>
   Your Discount<input type="text" name="txtdiscpunt" value="<?php echo $d; ?>">
</form>
</body>
</html>
```

Title: Program to check given number is divisible by 5 and not by 11 using PHP

Output:

Code:

```php
<?php
$n="";
$r="";
if(isset($_GET["btncheck"]))
{
  $n=$_GET["txtnum"];
  if($n%5==0&&$n%11!=0)
  {
    $r="valid number";
  }
  else
  {
    $r="invalid number"  ;
  }
}
?>


<html>
<head>

  <title> Divisible yes no</title>

</head>
<body>
<form action="Divisiblecheck.php" method="get">
  Enter number<input type="text" name="txtnum" value="<?php echo $n;?>"><br><br>
  <input type="submit" value="Check" name="btncheck">   <br><br><br>
  Result<input type="text" name="txtresult" value="<?php echo $r; ?>">
</form>
</body>
</html>
```

Title: Program to check odd or even number using PHP

Output:

Code:

```php
<?php
$s="";
$d="";
if(isset($_GET["btncheck"]))
{
  $s=$_GET["txtnum"];
  if($s%2==0)
  {
    $d="Even";
  }
  else
  {
    $d="Odd";
  }
}
?>
<html>
<head>
  <title>Odd Even</title>
</head>
<body>
<form action="OddEven.php" method="get">
  Enter The Number<input type="text" name="txtnum" value="<?php echo $s;?>"><br><br>
  <input type="submit" value="Check" name="btncheck">
  <br><br><br>
  Result<input type="text" name="txtresult" value="<?php echo $d; ?>">
</form>
</body>
</html>
```

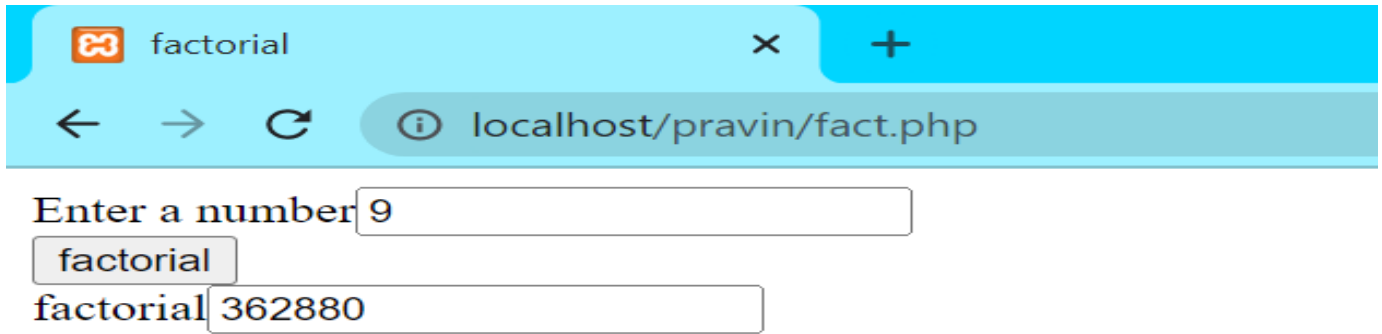**Title: PHP code to input a percentage of a students and display division base on condition.**

Output:

🟧 Grades	✕	+

← → C ⓘ localhost/pravin/Division.php?txtv1=55&btncheck=check

Percentage 55
check
Grades Second Division

Code:

```php
<?php
$v1="";
$s="";
if (isset($_GET["btncheck"]))
{
 $v1=$_GET["txtv1"];
 if ($v1>=80){
 $s="Distinction";}
 elseif ($v1<80&&$v1>=60) {
    $s="First Division";}
 elseif ($v1<60&&$v1>=50) {
   $s="Second Division";}
 elseif ($v1<50&&$v1>=40) {
   $s="Third Division";}
 else {
   $s="Fail";}
}
?>

<html>
<head>
<title>Grades</title>
</head>
<body>
   <form action="Division.php" method="get">
     Percentage<input type="text" name="txtv1" value="<?php echo $v1; ?>">
     <input type="submit" value="check" name="btncheck">

Grades<input type="text" name="txtv2" value="<?php echo $s; ?>"><br>
   </form>
</body>
</html>
```
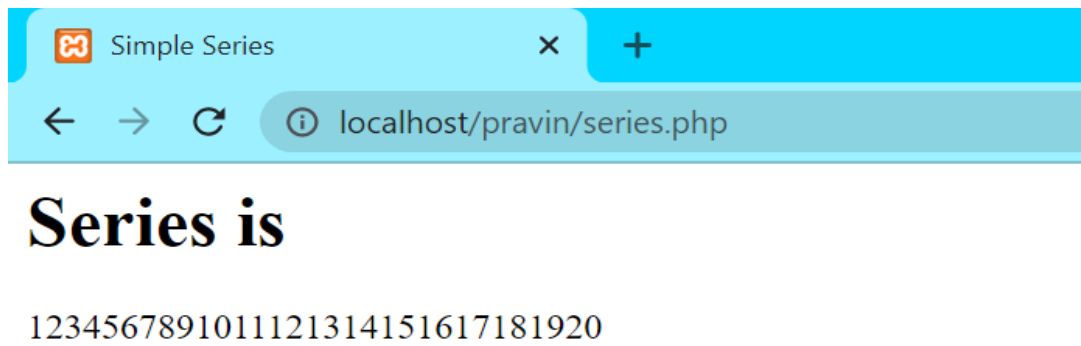
Title: PHP code to input a number and display factorial of given number.

Output:

Code:

```php
<?php
$n="";
$r="";
if (isset($_GET["btncal"]))
{
   $n=$_GET["txtnum"];
  $f=1;
  $i;
  for ($i=1;$i<=$n;$i++)
  {
     $f=$f*$i;
  }
  $r=$f;
}
?>
<html>
<head>
   <title>Factorial</title>
</head>
<body>
<form action="Factorial.php" method="get">
   <table>
<tr><td>Enter a Number</td><td><input type="text" name="txtnum" value="<?php echo
$n;?>"></td></tr>
   <tr><td></td><td><input type="submit" value="Calculate" name="btncal"></td></tr>
   <tr><td>Result</td><td><input type="text" name="txtresult" value="<?php echo $r;
?>"></td></tr>
</table>
</form>
</body>
</html>
```

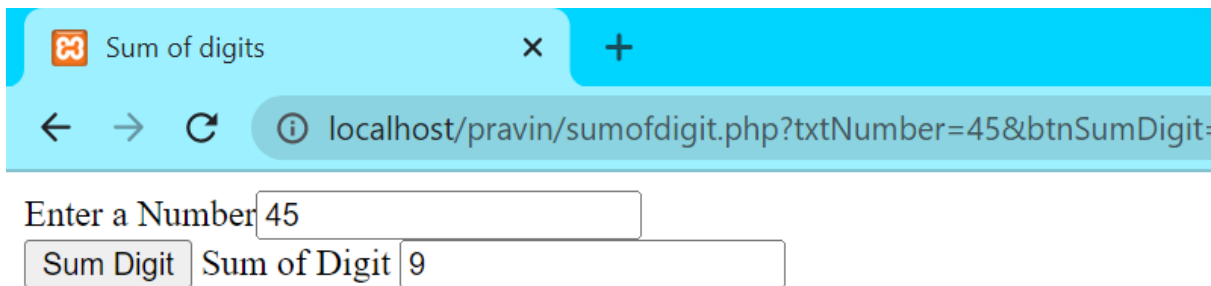**Title: PHP code to generate and display first 20 Natural number.**

Output:

Code:

```php
<?php
$data="";
for($i=1;$i<=20;$i++)
 {
    $data=$data.$i;
}
?>
<html>
<head>
   <title>Simple Series</title>
</head>
<body>
<h1>Series is</h1>
<?php echo $data;?>
</body>
</html>
```

Title: PHP code to generate and display sum of digits number.

Output:

```
Sum of digits          ×    +

← → C    ⓘ localhost/pravin/sumofdigit.php?txtNumber=45&btnSumDigit=

Enter a Number 45
Sum Digit  Sum of Digit 9
```
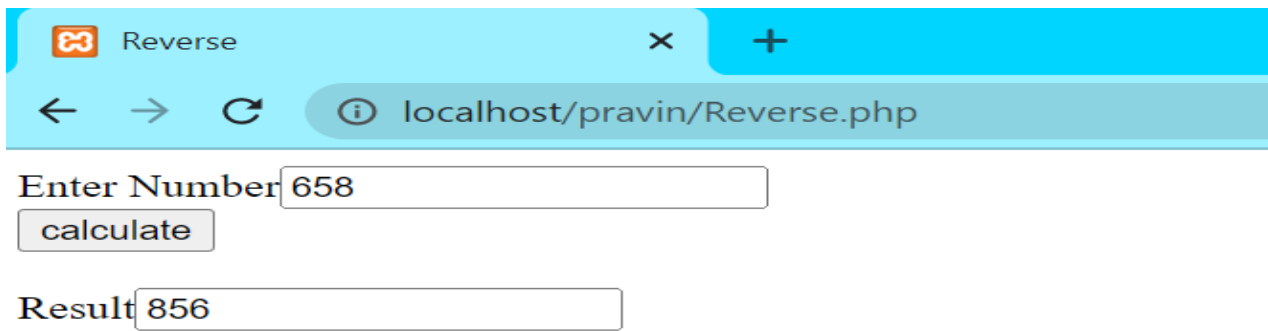
Code:

```php
<?php
$n="";
$r="";
if (isset($_GET["btncal"]))
{
    $x=$n=$_GET["txtnum"];
   $r;
   $sum=0;
   while($x>0)
   {
      $r=$x%10;
      $sum=$sum+$r;
      $x=floor($x/10);
   }
   $r=$sum;
}
?>


<html>
<head>
   <title> Sum of Digits</title>
</head>
<body>
<form action="sumofdigits.php" method="get">
   Enter a number<input type="text" name="txtnum" value="<?php echo $n;?>"><br><br>
   <input type="submit" value="calculate" name="btncal">    <br><br><br>
   Result<input type="text" name="Result" value="<?php echo $r; ?>">
</form>
</body>
</html>
```

Title: PHP code to generate and display reverse of a number

Output:

Reverse   ×   +

← → C   ⓘ localhost/pravin/Reverse.php

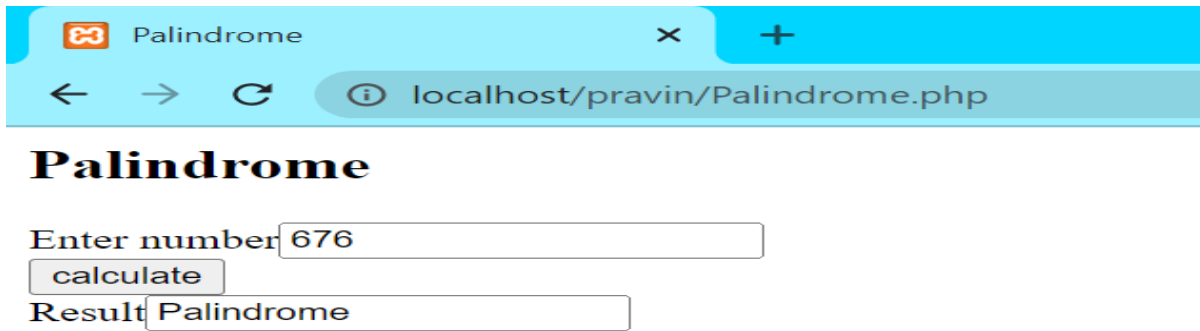Enter Number 658

[calculate]

Result 856

Code:

```php
<?php
$n="";
$r="";
if (isset($_GET["btncal"]))
{
   $x=$n=$_GET["txtnum"];
  $r;
  $sum=0;
  while($x>0)
  {
    $r=$x%10;
    $sum=$sum*10+$r;
    $x=floor($x/10);
  }
  $r=$sum;
}
?>
<html>
<head>
   <title>Reverse</title>
</head>
<body>
<form action="Reverse.php" method="get">
   Enter Number<input type="text" name="txtnum" value="<?php echo $n;?>"><br><br>
   <input type="submit" value="calculate" name="btncal">
   <br><br><br>
   Result<input type="text" name="Result" value="<?php echo $r; ?>">
</form>
</body>
</html>
```

Title: PHP code to input number and check the given number is Palindrome or Not.

Output:

Code:
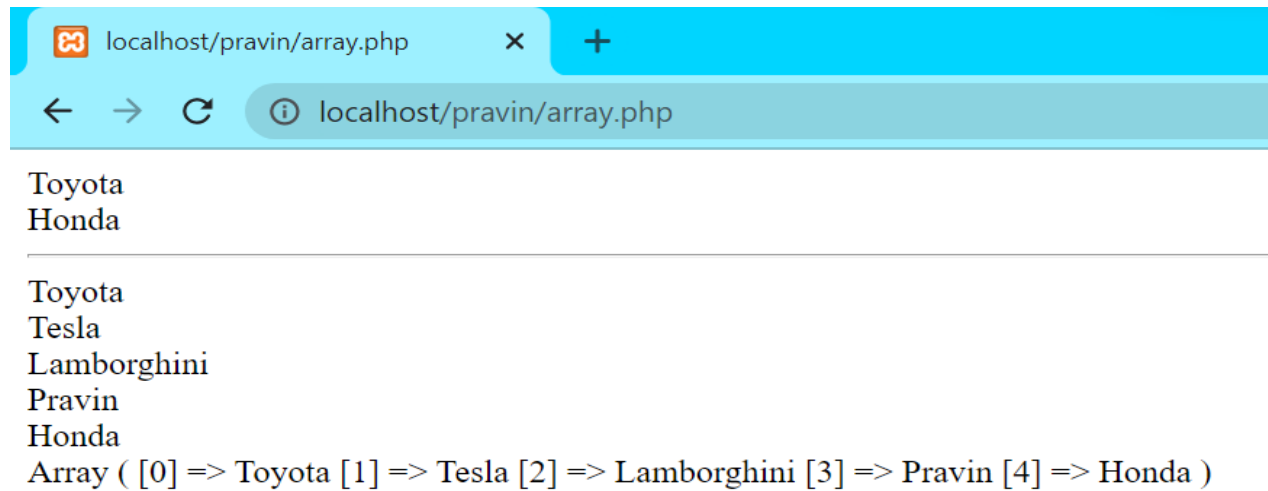
```php
<?php
$n="";
$r="";
if (isset($_GET["btncal"]))
{
   $x=$n=$_GET["txtnum"];
  $r;
  $sum=0;
  while($x>0)
  {     $r=$x%10;
     $sum=$sum*10+$r;
     $x=floor($x/10);  }
  if ($n==$sum)
  {     $r="Palindrome"; }
  else
  {    $r="Not Palindrome";}
}
?>
<html>
<head>
   <title>Palindrome</title>
</head>
<body>
<form action="Palindrome.php" method="get">

 Enter number<input type="text" name="txtnum" value="<?php echo $n;?>"><br><br>
   <input type="submit" value="calculate" name="btncal">    <br><br><br>
   Result<input type="text" name="Result" value="<?php echo $r; ?>">
</form></body>
</html>
```
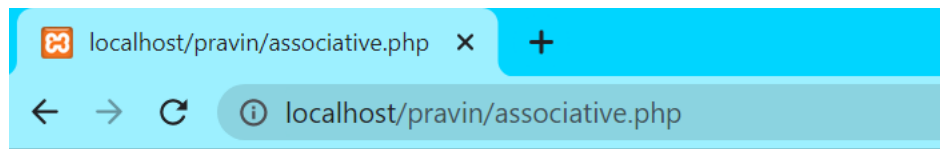
Title: PHP code to demonstrate an indexed array

Output:

Code:

```php
<?php
$cars = array("Toyota", "Tesla", "Lamborghini", "Nissan", "Honda");
echo $cars[0] . '<br>';
echo $cars[4] . '<hr>';
//Show all the content of the array
for ($i = 0; $i < count($cars); $i++)
{
    echo $cars[$i] . '<br>';
}
?>
```

Title: PHP code to demonstrate an associative array.

Output:

localhost/pravin/associative.php × +

← → C ⓘ localhost/pravin/associative.php

Thor
Asgard

Name = Thor
Address = Asgard
Age = 1500

Developer view an array

Array ([Name] => Thor [Address] => Asgard [Age] => 1500)

Code:

```php
<?php
$record = array("Name"=>"Thor","Address"=>"Asgard","Age"=>1500);

echo $record["Name"]. '<br>';
echo $record["Address"].'<hr>';

foreach($record as $k=>$v)
{
    echo "$k = $v <br>";
}
echo '<hr>';
echo '<h3><i>Developer view an array</i></h3>';
print_r($record);

?>
```
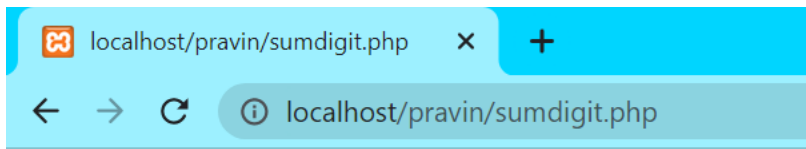
Title: PHP code to demonstrate the sum of two numbers using function.

Output:

localhost/pravin/sumdigit.php   ×   +

← → C   ⓘ localhost/pravin/sumdigit.php

Sum of digit numbers = 12

Code:

```php
<?php
function sumDigit($n)
{
   $sum = 0;
   $rem;

   while($n > 0){

      $rem = $n % 10;
      $sum = $sum + $rem;
      $n = floor($n/10);
   }

   echo "<h2><i>Sum of digit numbers</i> = $sum</h2>";
}

   sumDigit(345);

?>
```
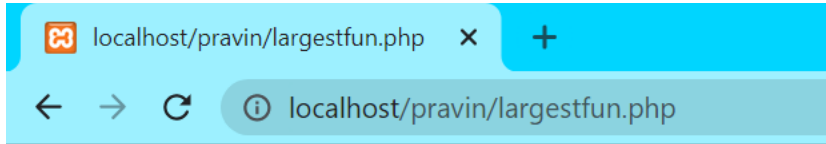
Title: PHP code to find largest number using function .

Output:

Code:

```php
<?php
function largest($a, $b)
{
    $a;
    $b;
    $L;
    $L = $a > $b ? $a : $b;
    echo '<h4>Largest number using function </h4>';
    echo ("$L");
}
largest(3, 4);
?>
```

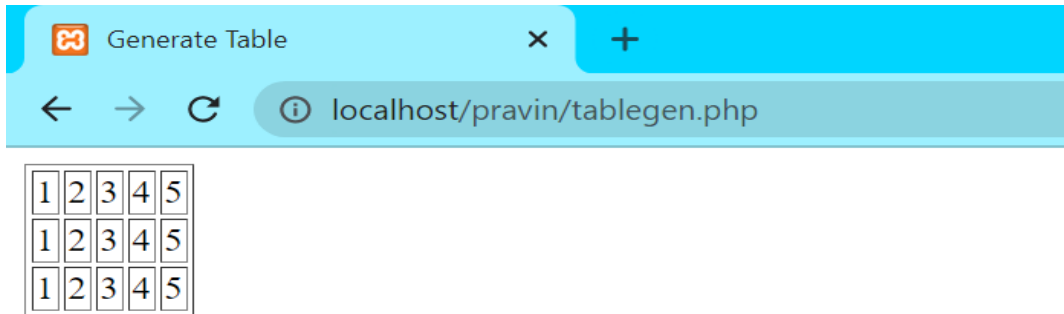**Title: PHP code to input number of rows and columns and generate table using function .**

Output:

Code:

```php
<?php
$row = $column = "";
if (isset($_POST["btnGenerate"])) {
    $row = $_POST["txtRows"];
    $column = $_POST["txtColumns"];
    GenerateTable($row, $column);
}
function GenerateTable($row, $column)
{
    $table = "<table border=1>";
    for ($r = 1; $r <= $row; $r++) {
        $table .= "<tr>";
        for ($c = 1; $c <= $column; $c++) {
            $table .= "<td>$c</td>";
        }
        $table .= "</tr>";
    }
```

```php
    $table .= "</table>";
    echo $table;
}
?>
<html>
<head>
  <title>Generate Table</title>
</head>
<body>
  <form action="tablegen.php" method="post">
    <h1> Table Generator</h1>
      Enter Rows<input type="text" name="txtRows" value="<?php echo $row; ?>"><br>
      Enter Columns<input type="text" name="txtColumns" value="<?php echo $column; ?>"><br>
      <input type="submit" name="btnGenerate" value="Generate">
  </form>
</body></html>
```