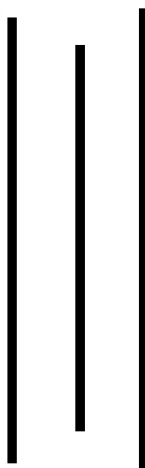


TRIBHUVAN UNIVERSITY

LUMBINI ICT CAMPUS

Gaindakot, Nawalpur



SUBECT: WEB TECH - II

Submitted by:

Pravin Ghimire

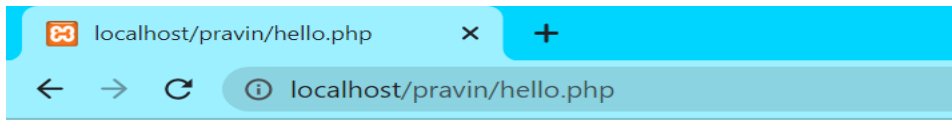
Faculty: BIM

Submitted to:

Kamal Guragain

Title: First PHP code to display some text.

Output:



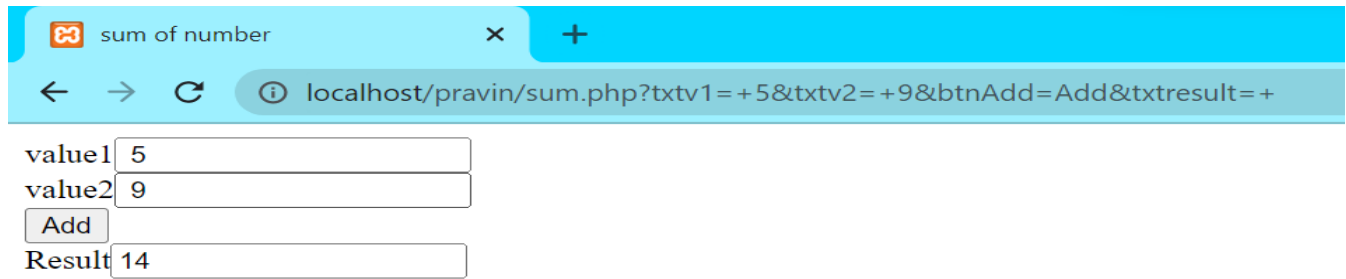
Hello World

Code:

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

Title: Program to find sum of number using PHP

Output:



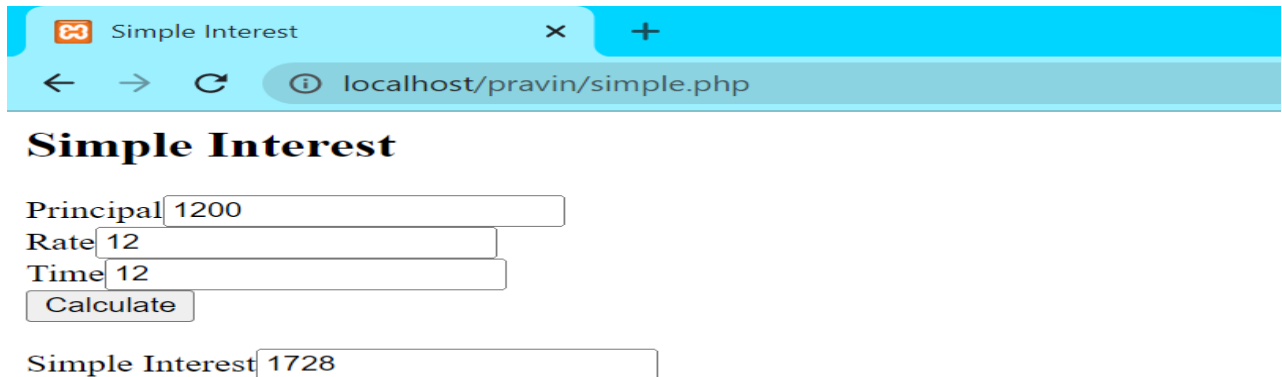
The screenshot shows a web browser window with the title "sum of number". The address bar displays the URL: `localhost/pravin/sum.php?txtv1=+5&txtv2=+9&btnAdd=Add&txtresult=+`. The page content includes two input fields labeled "value1" and "value2" with values "5" and "9" respectively. Below these is a button labeled "Add". At the bottom, there is a label "Result" followed by a text box containing the value "14".

Code:

```
<?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:



Simple Interest

Principal

Rate

Time

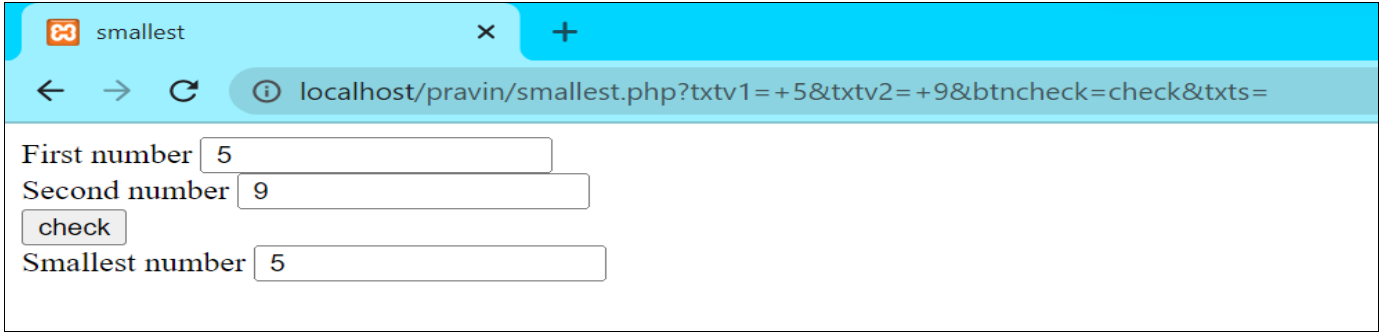
Simple Interest

Code:

```
<?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:



smallest

localhost/pravin/smallest.php?txtv1=+5&txtv2=+9&btncheck=check&txts=

First number

Second number

Smallest number

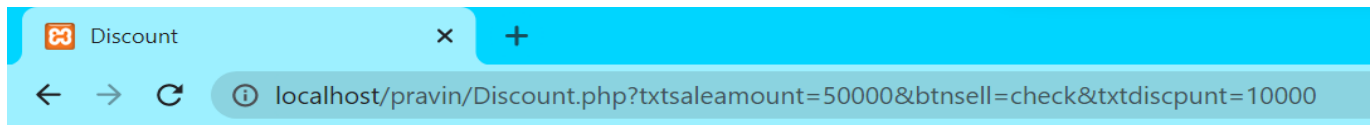
Code:

```
<?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

Enter Sale Amount

Your Discount

Code:

```
<?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:



divisible

localhost/pravin/divisible.php?txtv1=5&btncheck=check&txtr=

Divisible

Enter a number

Result

Code:

```
<?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:



evenodd

← → ↻ ⓘ localhost/pravin/oddeven.php?txtv1=+1&btncheck=check&txtr=

Even or Odd

Enter a number

Result

Code:

```
<?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

Percentage

Grades

Code:

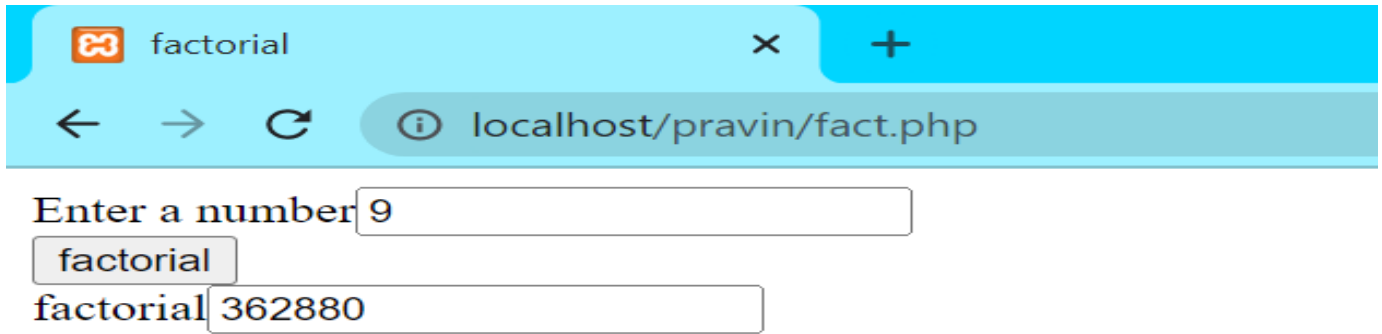
```
<?php
$v1="";
$s="";
if (isset($_GET["btncheck"]))
{
    $v1=$_GET["txtv1"];
    if ($v1>=80){
        $s="Distinction";}
    elseif ($v1<80&&$v1>=60) {
        $s="First Division";}
    elseif ($v1<60&&$v1>=50) {
        $s="Second Division";}
    elseif ($v1<50&&$v1>=40) {
        $s="Third Division";}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



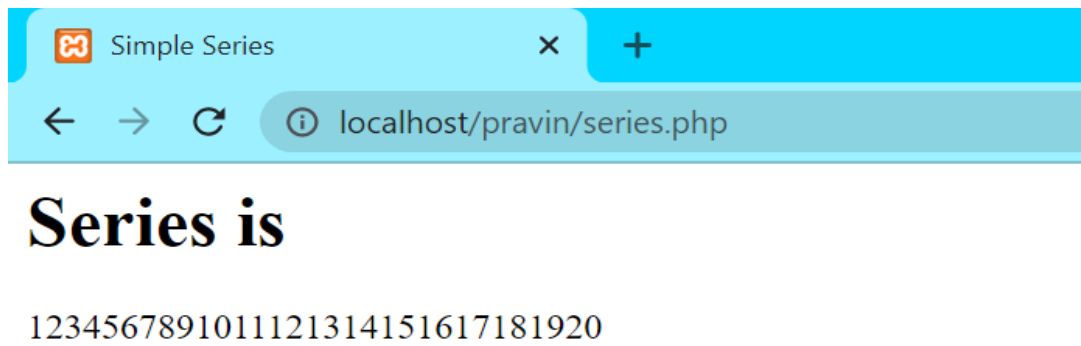
The screenshot shows a web browser window with a single tab titled 'factorial'. The address bar displays 'localhost/pravin/fact.php'. The page content includes a form with the label 'Enter a number' followed by a text input field containing the value '9'. Below this is a button labeled 'factorial'. At the bottom, the text 'factorial' is displayed next to another text input field containing the result '362880'.

Code:

```
<?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:

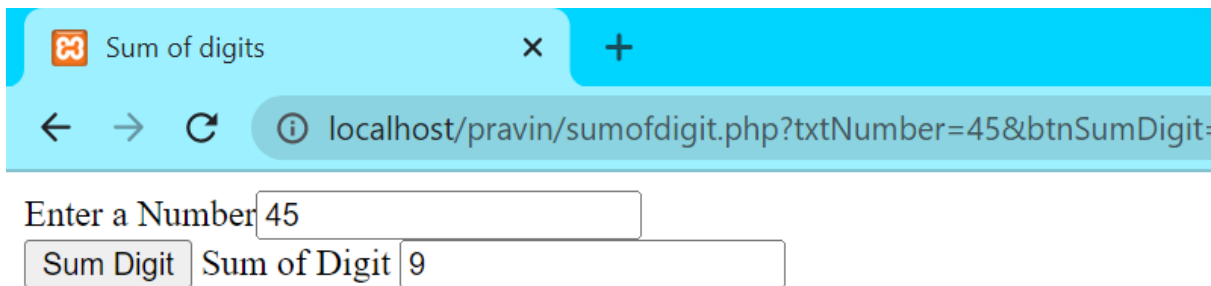


Code:

```
<?php
$data="";
for($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

localhost/pravin/sumofdigit.php?txtNumber=45&btnSumDigit:

Enter a Number

Sum Digit

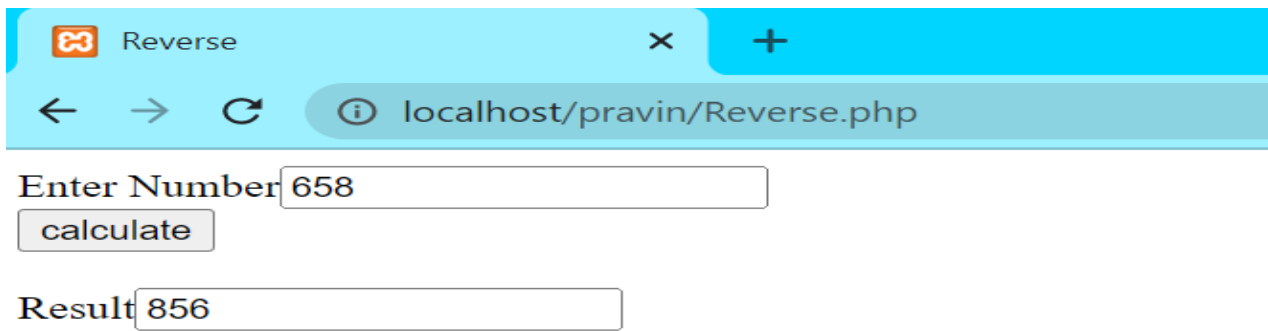
Code:

```
<?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

localhost/pravin/Reverse.php

Enter Number

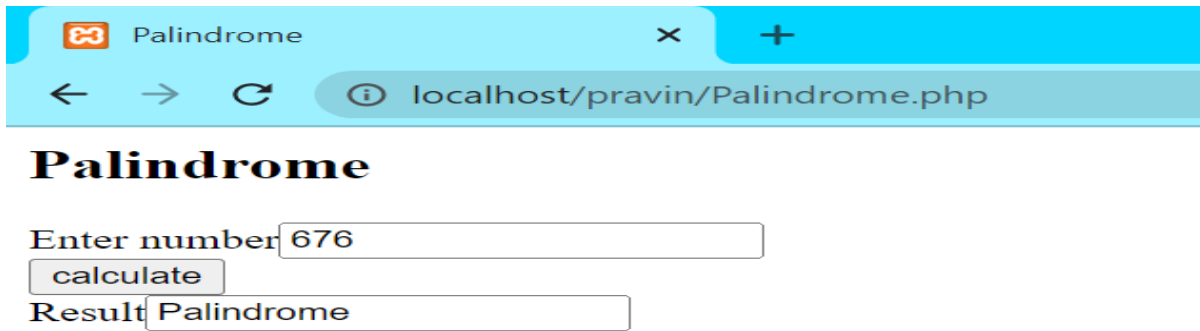
Result

Code:

```
<?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:



The screenshot shows a web browser window with the title "Palindrome". The address bar displays "localhost/pravin/Palindrome.php". The page content includes a heading "Palindrome" in a large, bold, black serif font. Below the heading, there is a form with the label "Enter number" followed by a text input field containing the value "676". To the right of the input field is a button labeled "calculate". Below the input field, the label "Result" is followed by a text input field containing the value "Palindrome".

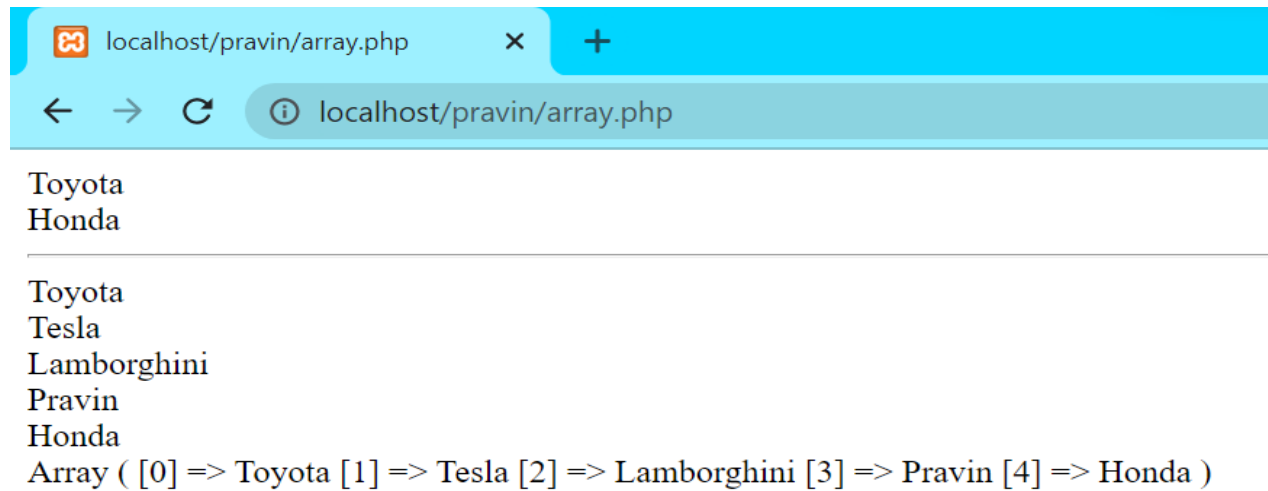
Code:

```
<?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:

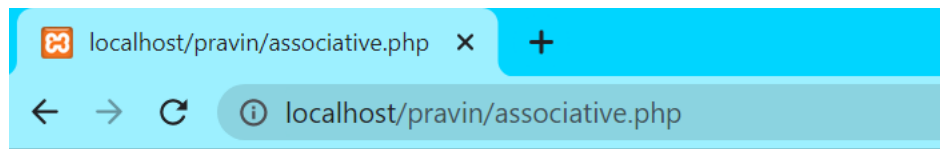


Code:

```
<?php
$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:



Thor
Asgard

Name = Thor
Address = Asgard
Age = 1500

Developer view an array

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

Code:

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

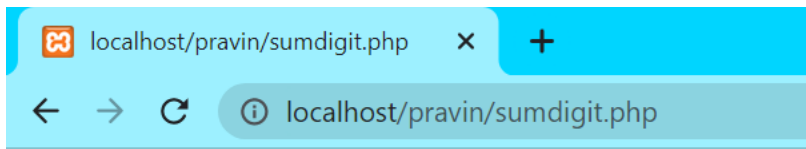
echo $record["Name"]. '<br>';
echo $record["Address"].'<hr>';

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:



Sum of digit numbers = 12

Code:

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

    while($n > 0){

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

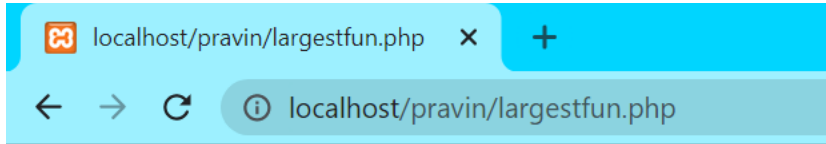
    echo "<h2><i>Sum of digit numbers</i> = $sum</h2>";
}

sumDigit(345);

?>
```

Title: PHP code to find largest number using function .

Output:



Largest number using function

4

Code:

```
<?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:

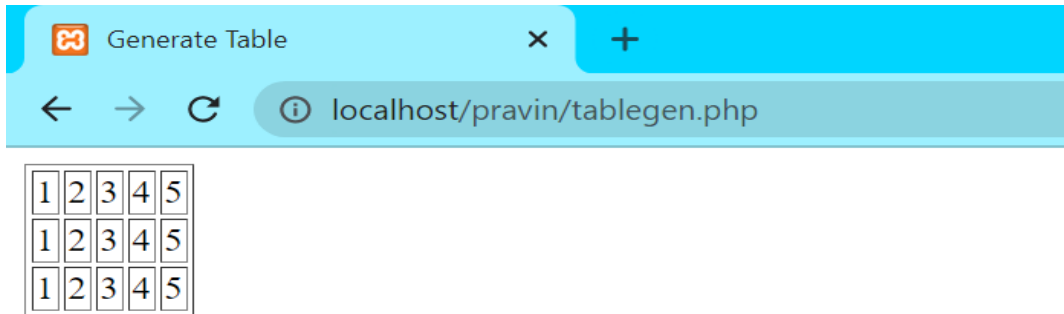


Table Generator

Enter Rows

Enter Columns

Code:

```
<?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>";
    }
}
```

```
$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>
```