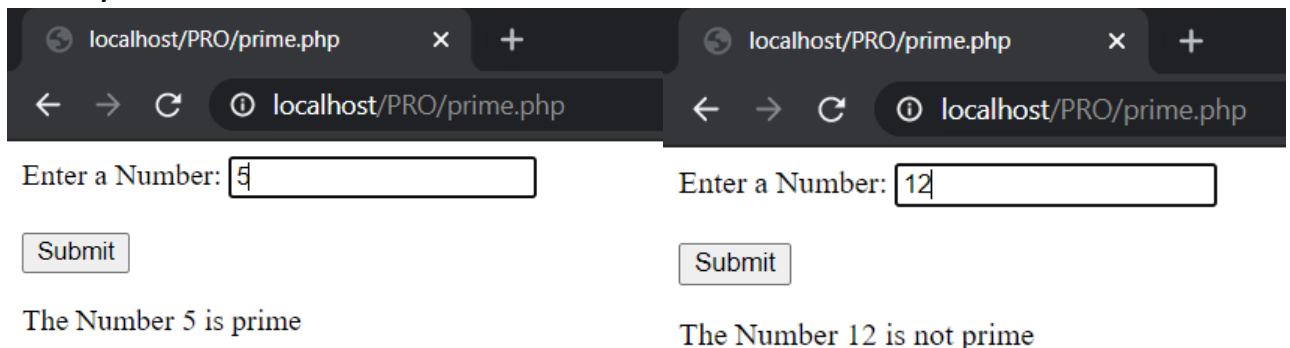


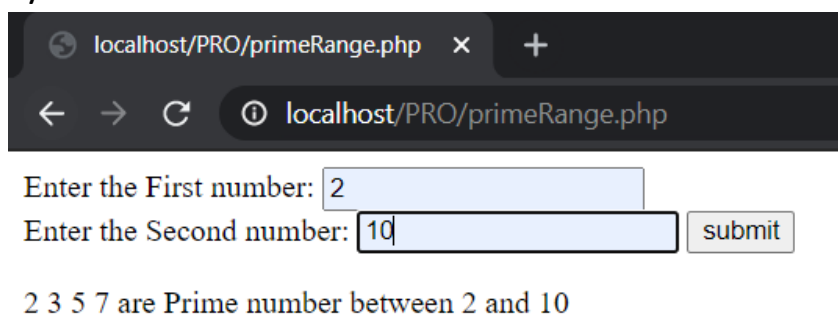
1 Check whether a number is prime or not

```
<html>
<body>
<form method="post">
Enter a Number: <input type="text" name="input"><br><br>
<input type="submit" name="submit" value="Submit">
</form>
<?php
if($_POST)
{
    $input=$_POST['input'];
    for ($i = 2; $i <= $input-1; $i++) {
        if ($input % $i == 0) {
            $value= True;
        }
    }
    if (isset($value) && $value) {
        echo 'The Number '. $input . ' is not prime';
    } else {
        echo 'The Number '. $input . ' is prime';
    }
}
?>
<html>
<body>
```



2. Check Prime Number in given Range

```
<html>
<body>
<form method="post">
Enter the First number: <INPUT name="n1"><br>
Enter the Second number: <INPUT name="n2">
<input type="submit" name="submit" value="submit">
</form>
<?php
if($_POST)
{
    $n1=$_POST['n1'];
    $n2=$_POST['n2'];
    for($i=$n1;$i<=$n2;$i++)
    {
        if($i==2 || $i==3 || $i==5 || $i==7) {
            echo " $i ";
        }
        else if(($i%2)!= 0 && ($i%3) !=0 && ($i%5) !=0 && ($i%7) !=0) {
            echo " $i ";
        }
        else
            continue;
    }
    echo "are Prime number between $n1 and $n2 ";
}
?>
</body>
</html>
```



localhost/PRO/primeRange.php x +

← → ↻ ⓘ localhost/PRO/primeRange.php

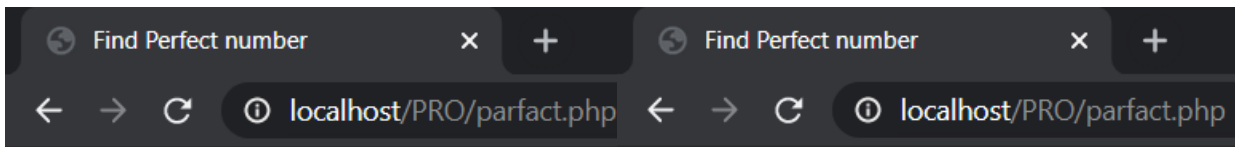
Enter the First number:

Enter the Second number:

2 3 5 7 are Prime number between 2 and 10

3. Find the given number perfect or not

```
<html>
<head>
<title>Find Perfect number </title>
</head>
<body>
Enter a Number
<form method="post">
<input type="text" name="number"/>
<button type="submit">Check</button>
</form>
<?php
if($_POST)
{
$num = $_POST['number'];
$i=1;
$sum=0;
while ($i < $num) {
if ($num % $i == 0) {
$sum = $sum + $i;
}
$i++;
}
if($num == $sum){
echo "<span style='color:green'>The number $i is Perfect
Number!!</span>";
}else{
echo "<span style='color:red'>The number $i is not a Perfect
Number!!</span>";
}
}
?>
</body>
</html>
```



Enter a Number

Check

The number 6 is Perfect Number!!

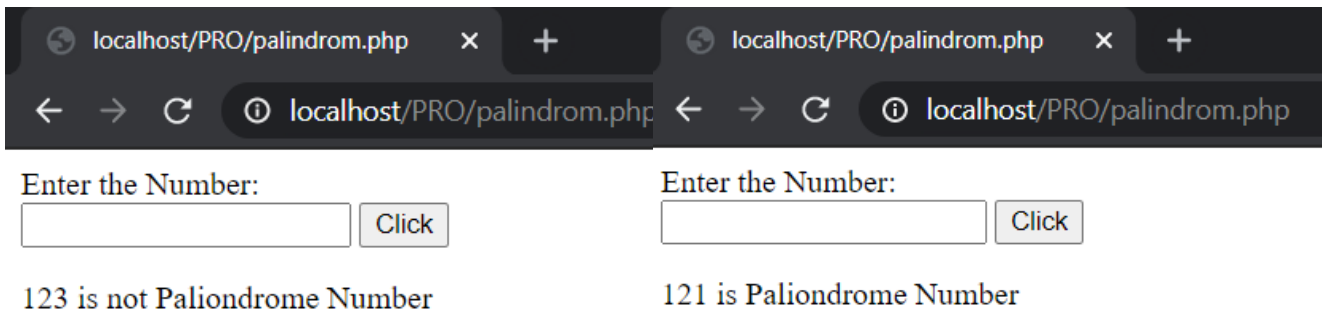
Enter a Number

Check

The number 12 is not a Perfect Number!!

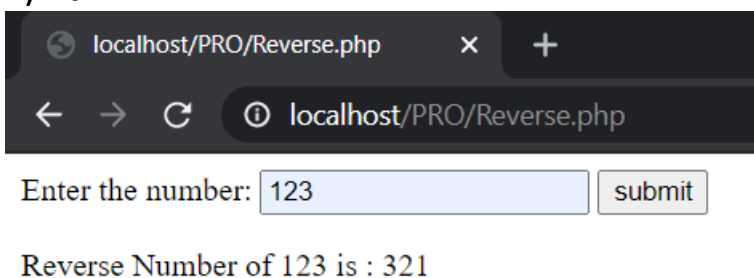
4. Check The palindrome number

```
<html>
<body>
<form method="POST">
Enter the Number:<br>
<INPUT name="n">
<button type="submit">Click</button>
</form>
<?php
if($_POST)
{
    $num=$_POST['n'];
    $rev=0;
    $p=$num;
    while($num!=0)
    {
        $rev=$rev*10+$num%10;
        $num=(int)($num/10);
    }
    if($rev==$p){
        echo $p. " is Palindrome Number";
    }
    else{
        echo $p. " is not Palindrome Number";
    }
}
?>
</body>
</html>
```



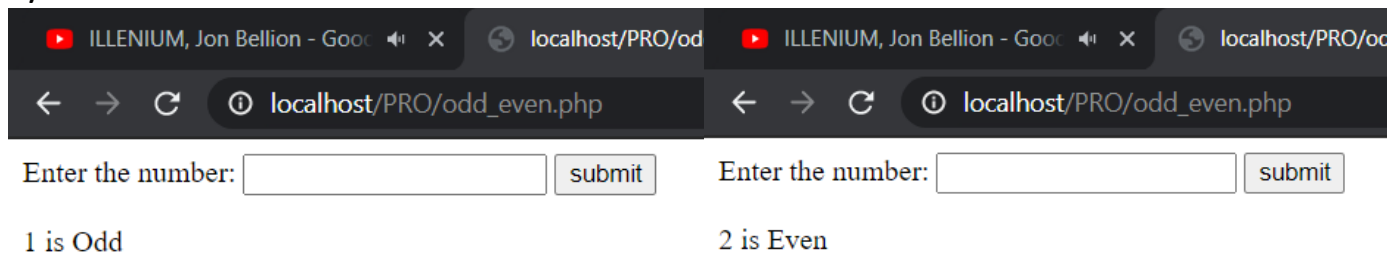
5. Write a program to reverse a given number in PHP

```
<html>
<body>
<form method="POST">
Enter the number: <INPUT name="n">
<input type="submit" name="submit" value="submit">
</form>
<?php
if($_POST)
{
    $num=$_POST['n'];
    $rev=0;
    $n=$num;
    while($num>0){
        $rev=$rev*10;
        $rev=$rev+$num%10;
        $num=(int)($num/10);
    }
    echo "Reverse Number of $n is : $rev";
}
?>
</body>
</html>
```



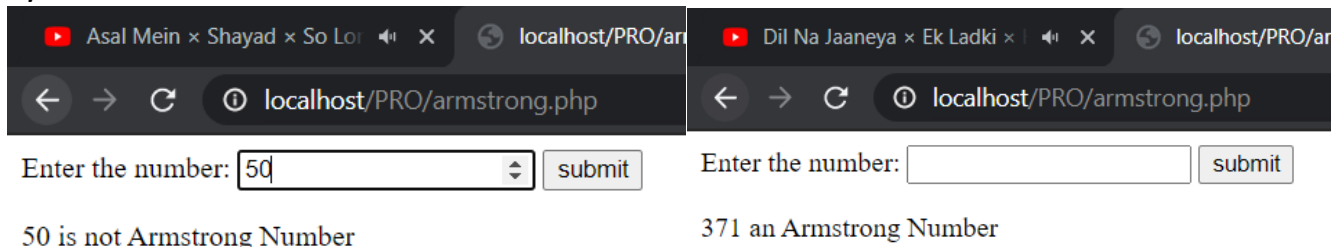
6. Program for odd even in PHP

```
<html>
<body>
<form method="POST">
Enter the number: <input type="text" name="n">
<input type="submit" value="submit" name="submit">
</form>
<?php
if($_POST)
{
    $num=$_POST['n'];
    if($num%2==0){
        echo "$num is Even";
    }else{
        echo "$num is Odd";
    }
}
?>
</body>
</html>
```



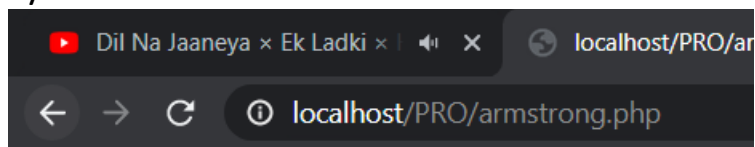
7. Armstrong number in PHP

```
<html>
<body>
<form method="POST">
Enter the number:
<input type="number" name="num">
<input type="submit" value="submit">
</form>
<?php
if($_POST){
    $num=$_POST['num'];
    $a=$num;
    $sum=0;
    while($a!=0){
        $rem=$a%10;
        $sum=$sum+($rem*$rem*$rem);
        $a=$a/10;
    }
    if($num==$sum){
        echo "$num an Armstrong Number";
    }else{
        echo "$num is not Armstrong Number";
    }
}
?>
</body>
</html>
```



8.Fibonacci series in PHP

```
<html>
<body>
<form method="POST">
Enter the number:
<input type="text" name="n">
<input type="submit" value="submit" name="submit">
</form>
<?php
if($_POST)
{
    $num=$_POST['n'];
    $n1=0;
    $n2=1;
    $count=0;
    echo "<h3> Fibonacci series are: ";
    echo $n1.' '.$n2.' ';
    while($count<$num-2){
        $n3=$n2+$n1;
        echo $n3.' ';
        $n1=$n2;
        $n2=$n3;
        $count=$count+1;
    }
}
?>
</body>
</html>
```

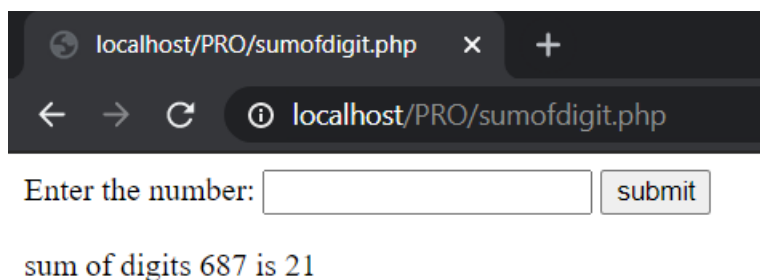


Enter the number:

371 an Armstrong Number

9. Sum of digits in PHP

```
<html>
<body>
<form method="POST">
Enter the number:
<INPUT name="num">
<input type="submit" value="submit" name="submit">
</form>
<?php
if($_POST)
{
    $num=$_POST['num'];
    $n=$num;
    $sum=0; $rem=0;
    for($i=0;$i<=strlen($num);$i++){
        $rem=$num%10;
        $sum=$sum+$rem;
        $num=$num/10;
    }
    echo"sum of digits $n is $sum";
}
?>
</body>
</html>
```



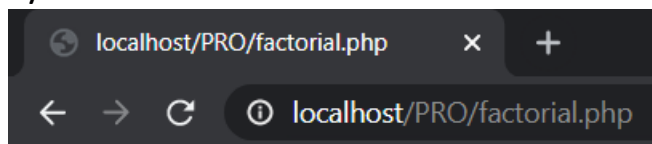
The screenshot shows a web browser window with the address bar displaying 'localhost/PRO/sumofdigit.php'. The page content includes a form with the text 'Enter the number:' followed by an input field containing the number '687' and a 'submit' button. Below the form, the output of the PHP script is displayed: 'sum of digits 687 is 21'.

Enter the number:

sum of digits 687 is 21

10. Factorial of Given number in PHP

```
<html>
<body>
<form method="POST">
Enter the Number :<br>
<INPUT name="n1">
<input type="submit" value="submit" name="submit" />
</form>
<?php
if($_POST)
{
    $num=$_POST['n1'];
    $fact=1;
    echo " Factorial of $num <br><br>";
    for($i=1;$i<=$num;$i++){
        $fact=$fact*$i;
    }
    echo $fact. "<br>";
}
?>
</body>
</html>
```



Enter the Number :

Factorial of 5

120