

### **Practical – 4**

**Q 1) Write a PHP script to print first 10 Fibonacci numbers.**

#### **PROGRAM : Fibonacci.php**

```
<?php
echo "<h2>First 10 Fibonacci numbers : </h2>";

$a = 0;

$b = 1;

echo "<h2>$a </h2>";

echo "<h2>$b </h2>";

for($i = 2; $i < 10; $i++)
{
    $c = $a + $b;

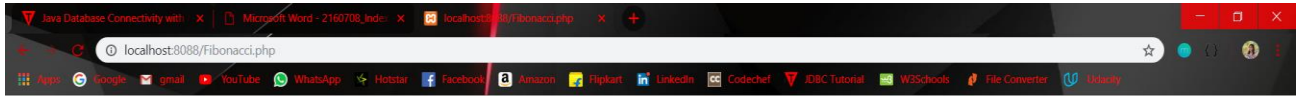
    echo "<h2>$c </h2>";

    $a = $b;

    $b = $c;
}

?>
```

## OUTPUT



First 10 Fibonacci numbers :

0  
1  
1  
2  
3  
5  
8  
13  
21  
34

**Q 2) Write a PHP script to print whether current year is leap year or not.**

**PROGRAM : Leap.php**

```
<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8">

</head>

<body>

    <form method = "post" action = <?php $_SERVER['PHP_SELF'] ?>>

        <h2>Enter year : <input type = "number" name = "year"/>

        <input type="submit" value="Submit"/></h2>

    </form>

<?php

    if(isset($_POST['year']))

    {

        $year = $_POST['year'];

        if(($year % 4 == 0) and ($year % 100 != 0) or ($year % 400 == 0))

            echo "<h2>$year is a leap year.</h2>";

        else

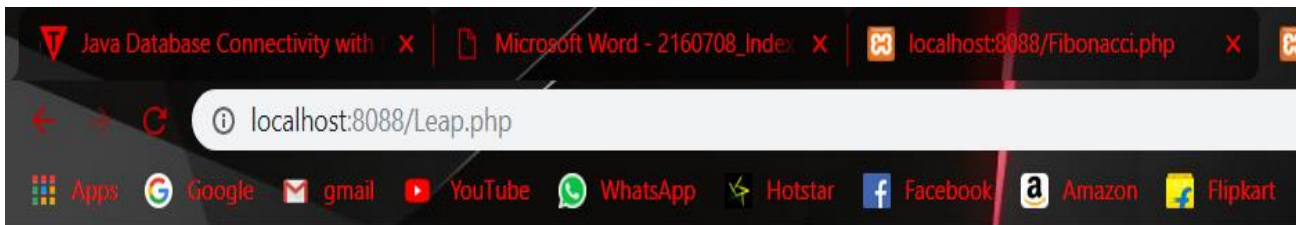
            echo "<h2>$year is not a leap year.</h2>";

    }
```

## OUTPUT :



Enter year :



Enter year :

**2019 is not a leap year.**

**Q 3) Write a PHP script To print whether given number is palindrome or not.**

**PROGRAM : Palindrome.php**

```
<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8">

</head>

<body>

    <form method = "post" action = <?php $_SERVER['PHP_SELF'] ?>>

        <h2>Enter number : <input type = "text" name = "num"/>

        <input type="submit" value="Submit"/></h2>

    </form>

<?php

if(isset($_POST['num'])){

    $n = $_POST['num'];

    $rev = strrev($n);

    if($n == $rev)

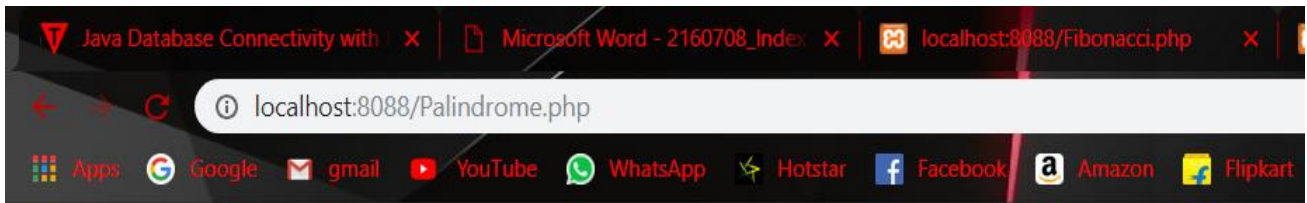
        echo "<h2>$n is a Palindrome Number.</h2>";

    else

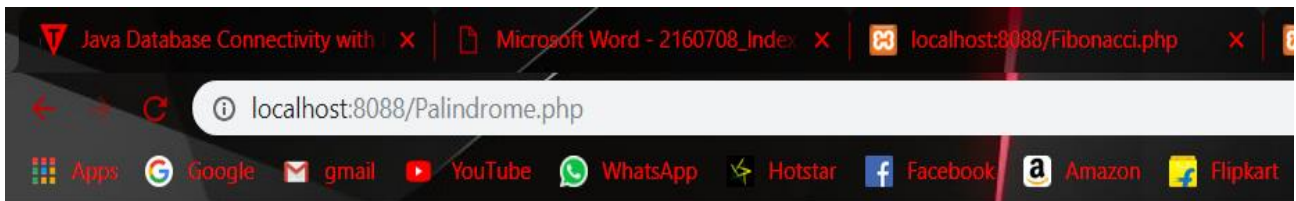
        echo "<h2>$n is not a Palindrome Number.</h2>";

?>
```

## OUTPUT :



Enter number :



Enter number :

**123456 is not a Palindrome Number.**