

Triton International college

Tinkune, Kathmandu

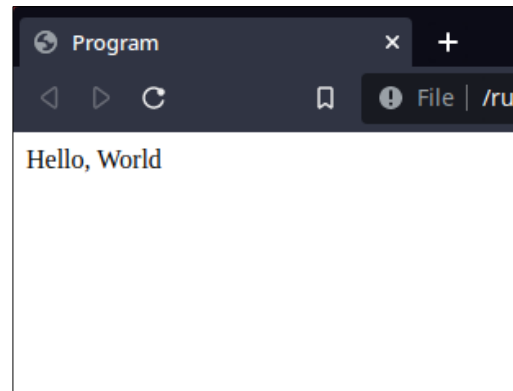
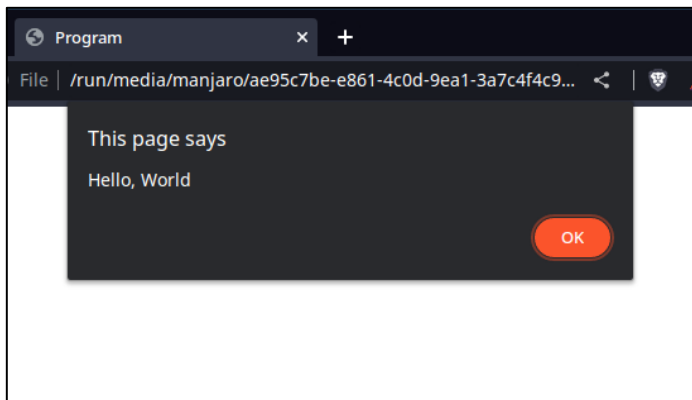


Lab Report (JavaScript and Php)

Submitted By	Submitted To
Name: Subodh Thakuri Roll no: 39 Class 12	Department of computer Submission Date: 2079/11/15

1. WAP to print Hello World in JavaScript

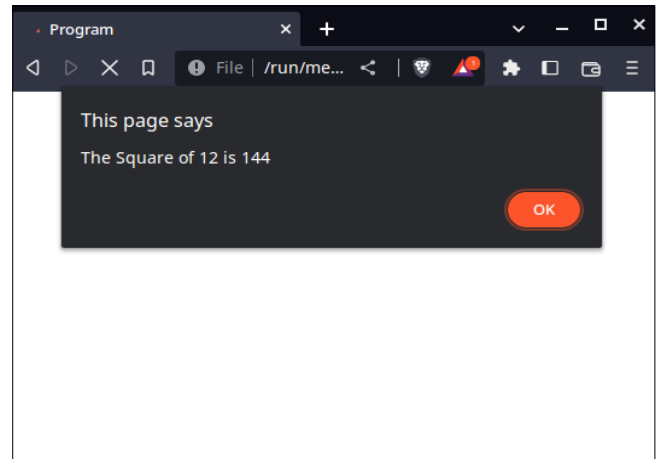
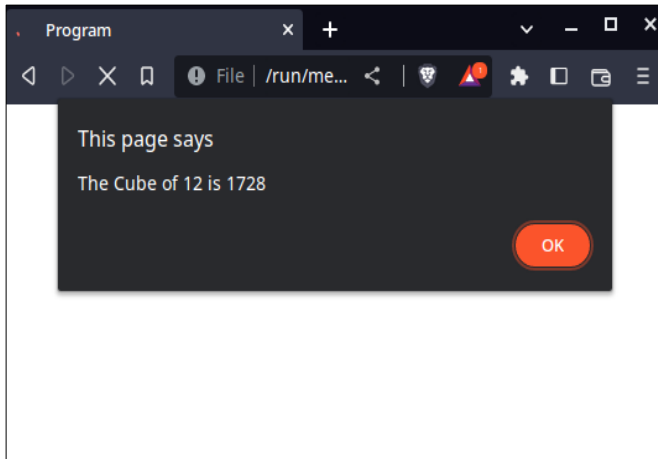
```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    alert("Hello, World");
    document.write("Hello, World");
  </script>
</body>
</html>
```



2. WAP to calculate cube of Number

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var num = parseInt(prompt());
    var cube = num*num*num;
    var square = num*num;
    alert("The Square of " + num + " is "+square);
    alert("The Cube of " + num + " is "+cube);
  </script>
</body>
```

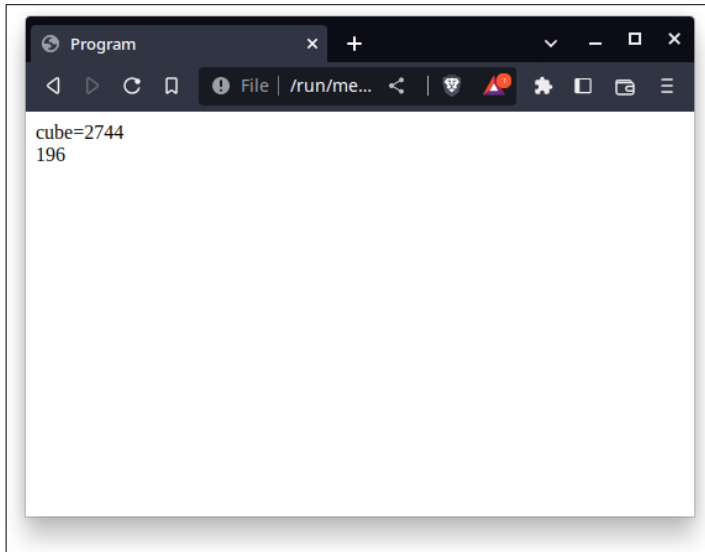
</html>



3. WAP to find cube and square using function

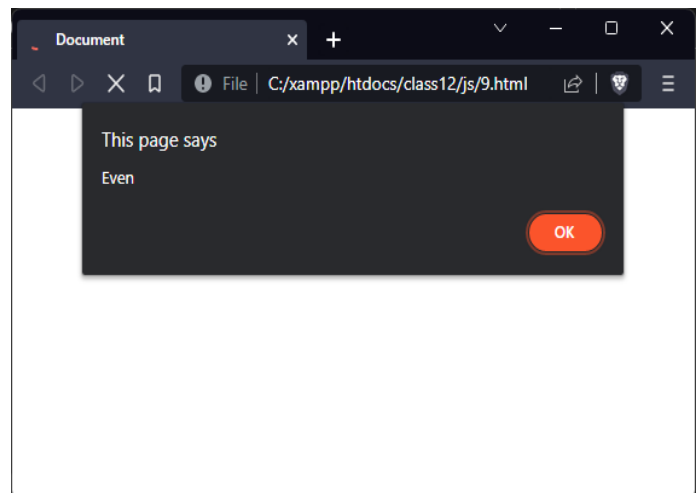
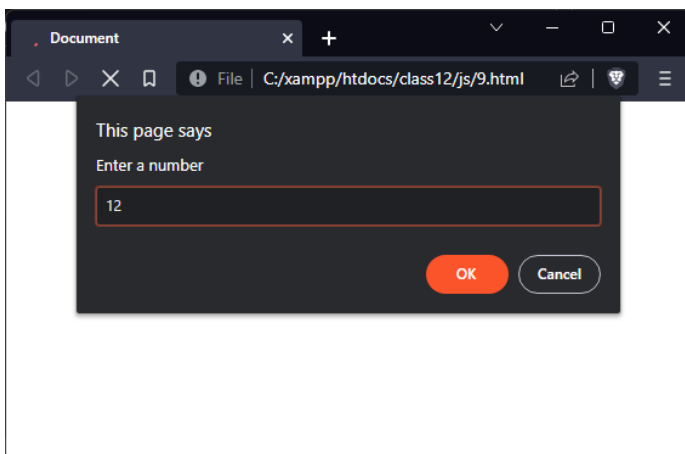
```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var a=parseInt(prompt("enter a no"));
    cu(a);
    var c=sq(a);
    document.write(c);
    function cu(a)
    {
      var c=a*a*a;
      document.write("cube="+c+"<br>");
    }

    function sq(a)
    {
      var c=a*a;
      return(c);
    }
  </script>
</body>
</html>
```



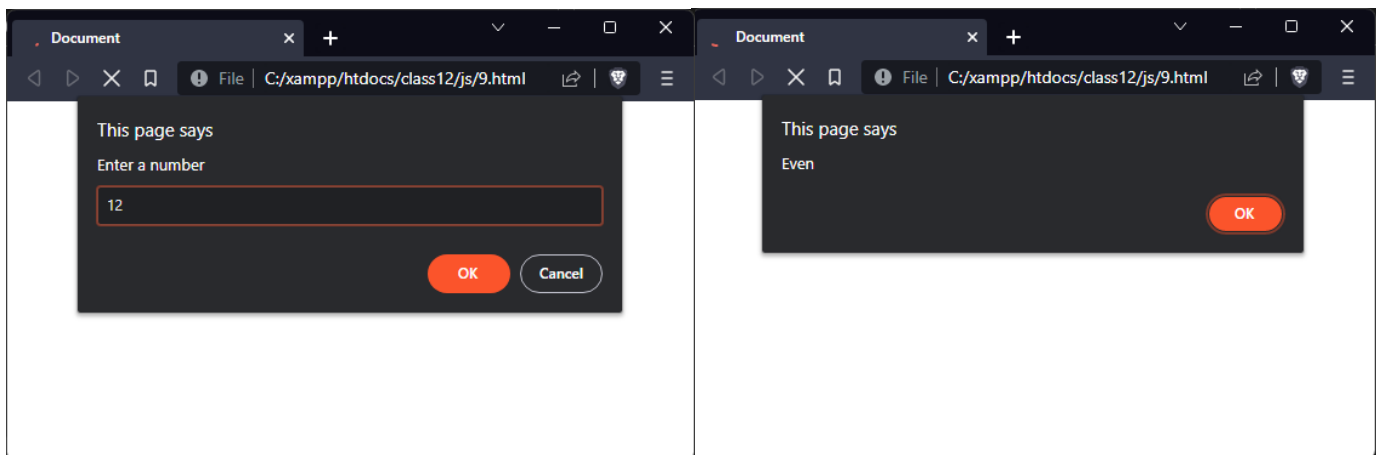
9. WAP to check even or odd

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script type="text/javascript">
    var num1 = parseInt(prompt("Enter a number"));
    alert((num1%2==0)?"Even":"Odd");
  </script>
</body>
</html>
```



10. WAP TO check Odd or even using function

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var num1 = parseInt(prompt("Enter a number"));
    alert(check(num1));
    function check(num) {
      if(num%2==0) {
        return "Even";
      } else {
        return "Odd";
      }
    }
  </script>
</body>
</html>
```



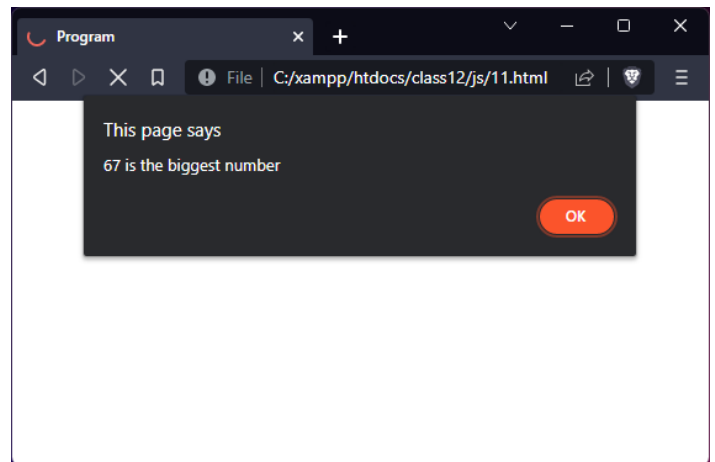
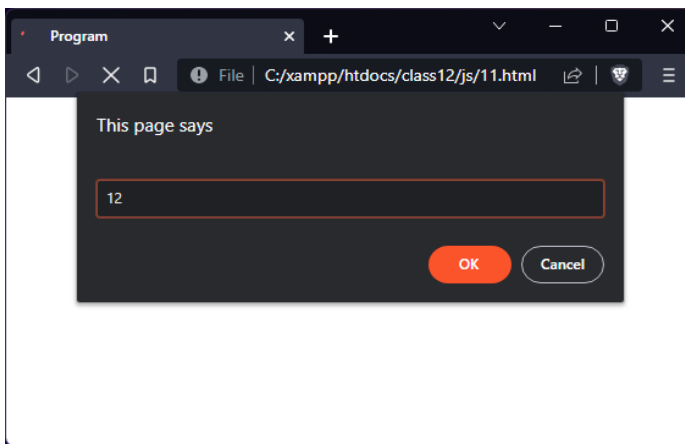
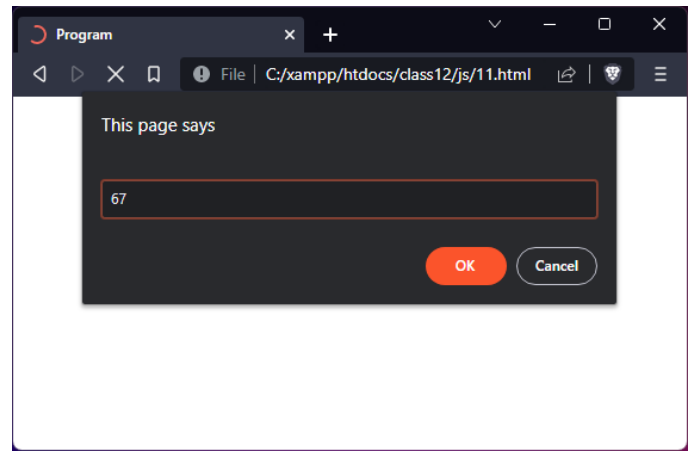
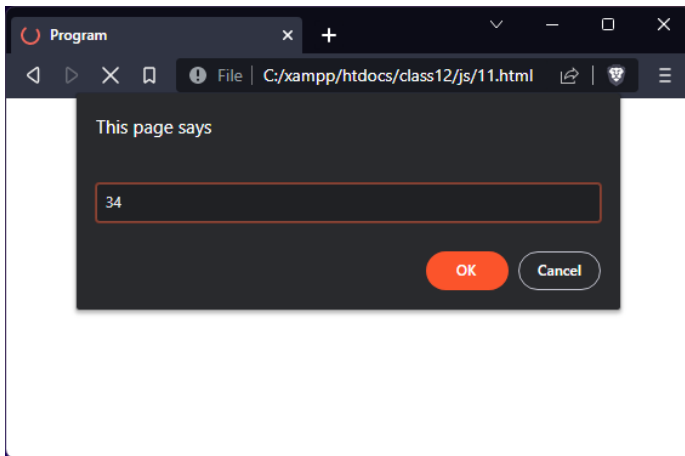
11. WAP to display biggest number among three number

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    // Basic variables
    var num1 = parseInt(prompt());
    var num2 = parseInt(prompt());
    var num3 = parseInt(prompt());
    // calling function
    smallest(num1, num2, num3);
    // function definition
    function smallest(num1, num2, num3) {
      if(num1>num2 && num1>num3) {
        alert(num1 + " is the biggest number");
      }
    }
  </script>
</body>
</html>
```

```

        } else if(num2>num3) {
            alert(num2 + " is the biggest number");
        } else {
            alert(num3 + " is the biggest nimver")
        }
    }
</script>
</body>
</html>

```



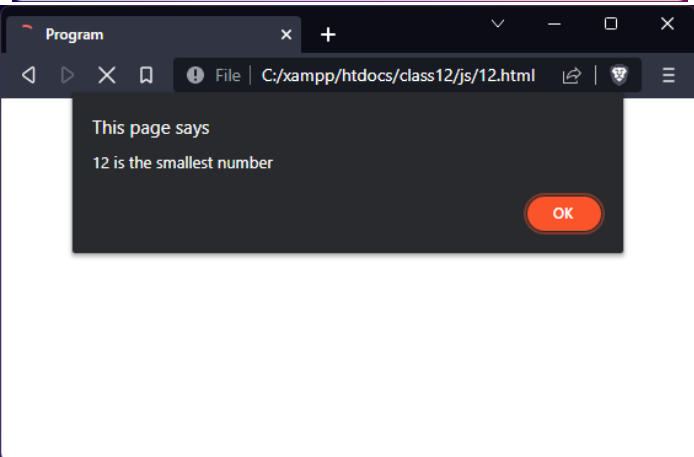
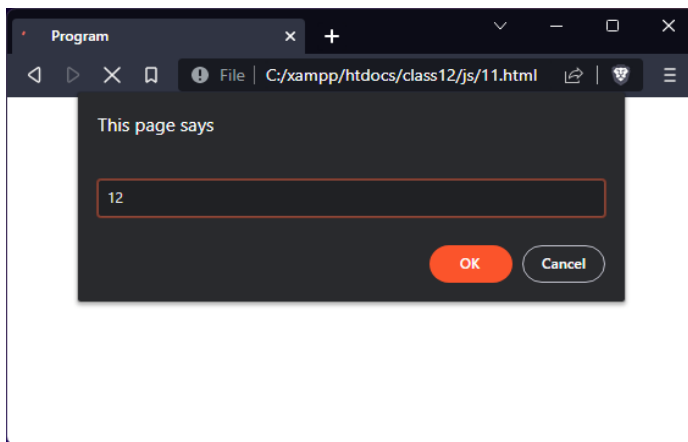
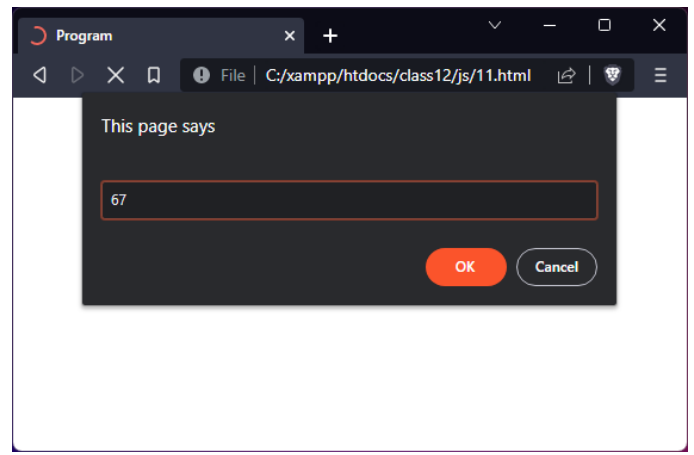
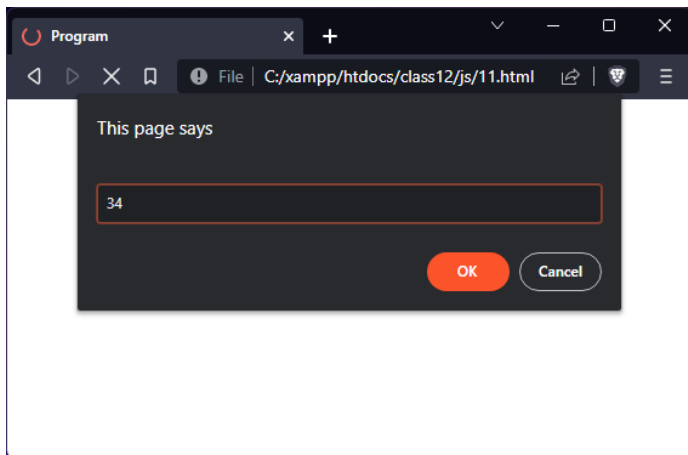
12. WAP to display smallest number among three numbers

```

<html>
<head>
    <title>Program</title>
</head>
<body>
    <script type="text/javascript">
        // Basic variables
        var num1 = parseInt(prompt());
        var num2 = parseInt(prompt());
        var num3 = parseInt(prompt());
        // calling function
        smallest(num1, num2, num3);
    </script>

```

```
// function definition
function smallest(num1, num2, num3) {
    if(num1<num2 && num1<num3) {
        alert(num1 + " is the smallest number");
    } else if(num2<num3) {
        alert(num2 + " is the smallest number");
    } else {
        alert(num3 + " is the smallest nimver")
    }
}
</script>
</body>
</html>
```



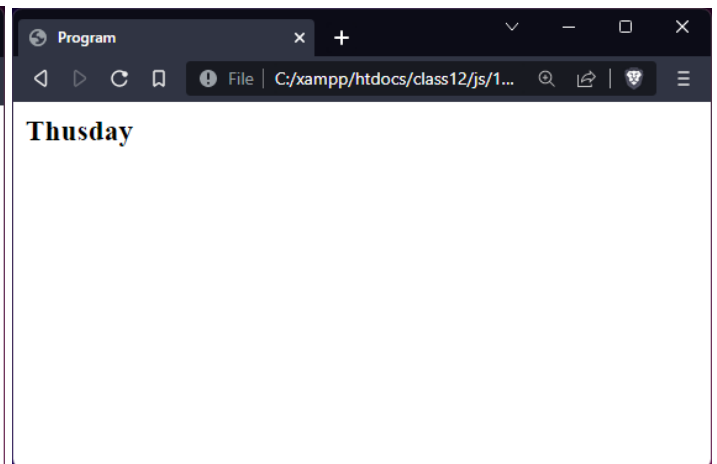
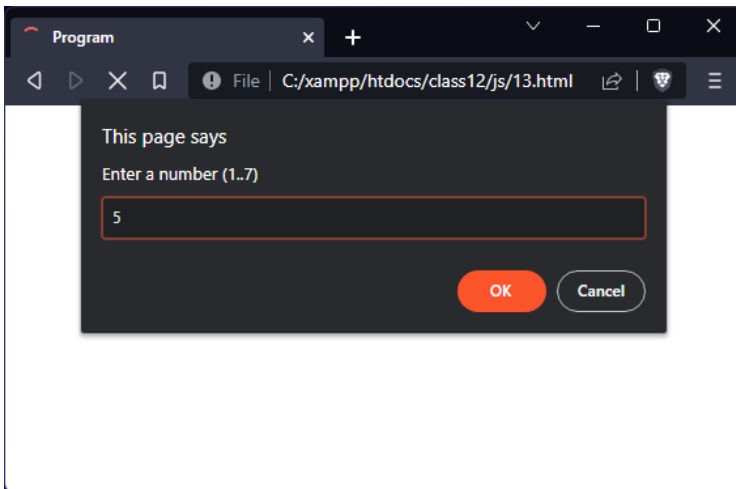
13. WAP to prints days of week according to user choice using switch

```
<html>
<head>
    <title>Program</title>
</head>
<body>
    <script type="text/javascript">
        var number = parseInt(prompt("Enter a number (1..7)"));
        switch(number) {
            case 1:
                document.write("<h3>Sunday</h3>");
```

```

        break;
    case 2:
        document.write("<h3>Monday</h3>");
        break;
    case 3:
        document.write("<h3>Tuesday</h3>");
        break;
    case 4:
        document.write("<h3>Wednesday</h3>");
        break;
    case 5:
        document.write("<h3>Thursday</h3>");
        break;
    case 6:
        document.write("<h3>Friday</h3>");
        break;
    case 7:
        document.write("<h3>Saturday</h3>");
        break;
    default:
        document.write("Error: range must be 1 to 7");
    }
</script>
</body>
</html>

```



15. WAP print 1, 2, 3, 4, 5 using do..while loop

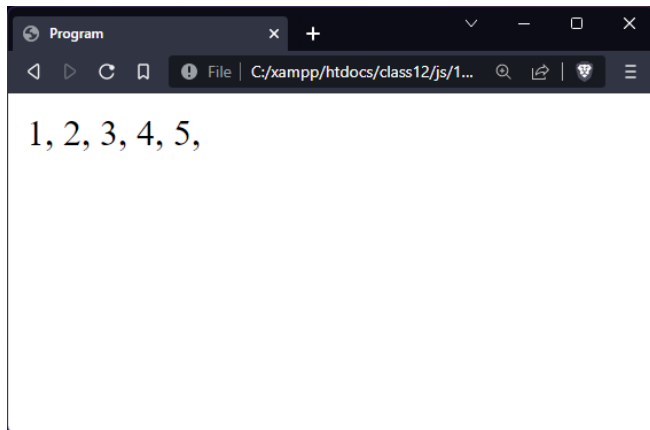
```

<html>
<head>
    <title>Program</title>
</head>
<body>
    <script type="text/javascript">
        var i=1;
        do {
            document.write(i + ", ");
            i++;
        } while(i<=5);
    </script>

```

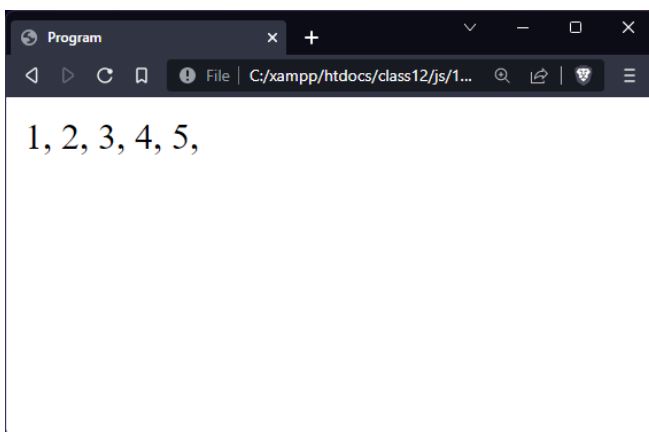


```
</script>
</body>
</html>
```



16. WAP print 1, 2, 3, 4, 5 using do..while loop and user defined function

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    function numbers() {
      var i=1;
      do {
        document.write(i + ", ");
        i++;
      } while(i<=5);
    }
    // calling function
    numbers();
  </script>
</body>
</html>
```



17. WAP find sum of first 100 even numbers

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var index=0, number=0, sum=0;
    do {
      if(number%2==0) {
        sum += number;
        index++;
      }
      number++;
    } while(index<=100);
    document.write("Sum of first 100 even number is " + sum);
  </script>
</body>
</html>
```



19. WAP find the sum of first 67th odd number using function

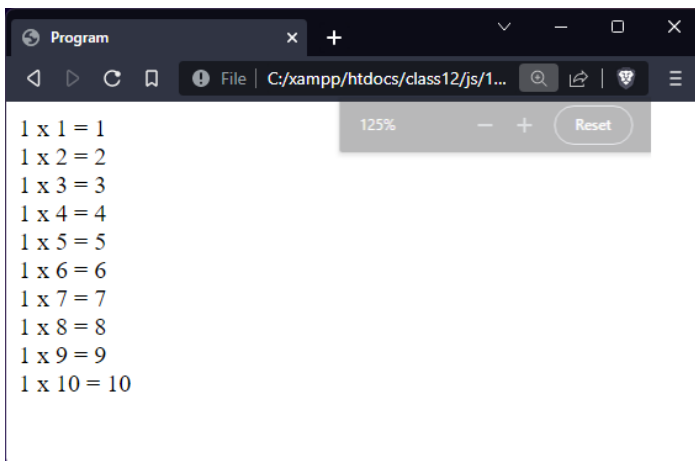
```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    function sum(num) {
      var i=0, sum=0, index=0;
      for(i=0;index<num;i++) {
        if(i%2 != 0) {
          sum += i;
          index++;
        }
      }
    }
    // calling function
```

```
        sum(67); // Since we need sum of 67 number so

        document.write("Sum of first 67th odd number is " + sum);
    </script>
</body>
</html>
```

20. WAP to print multiplication number

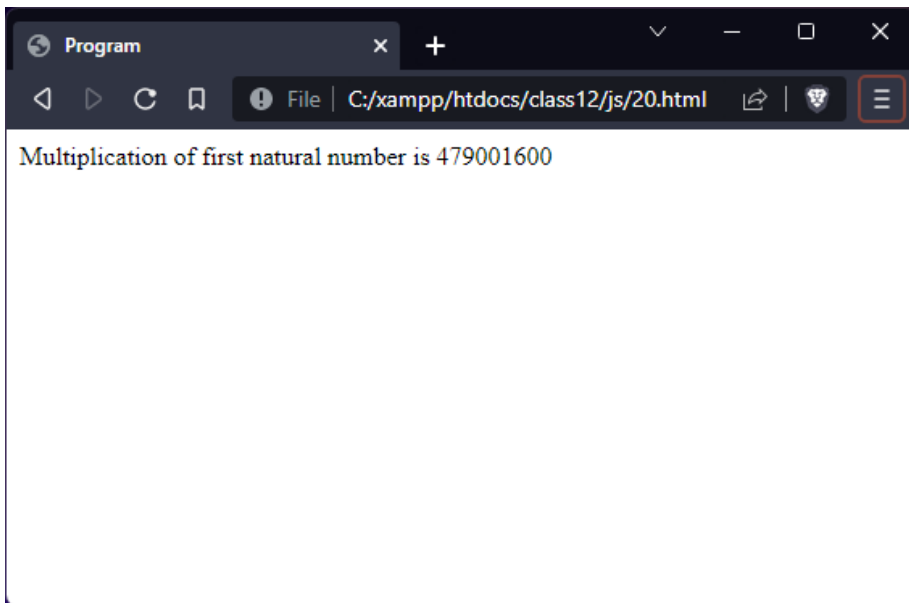
```
<html>
<head>
    <title>Program</title>
</head>
<body>
    <script type="text/javascript">
        var num = parseInt(prompt("Enter a number"));
        var num = 1
        for(var i=1;i<=10;i++) {
            document.write(num + " x " + i + " = " + num*i);
            document.write("<br>")
        }
    </script>
</body>
</html>
```



21. WAP to print product of first natural number

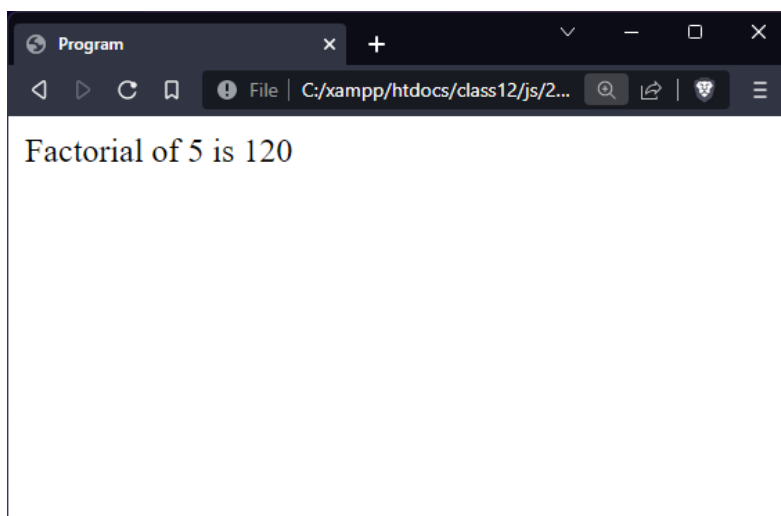
```
<html>
<head>
    <title>Program</title>
</head>
<body>
    <script type="text/javascript">
        var num = parseInt(prompt()), mulll=1;
        for(var i=1;i<=num;i++) {
            mulll *= i;
        }
        document.write("Multiplication of first natural number is " + mulll);
    </script>
</body>
</html>
```

```
</script>
</body>
</html>
```



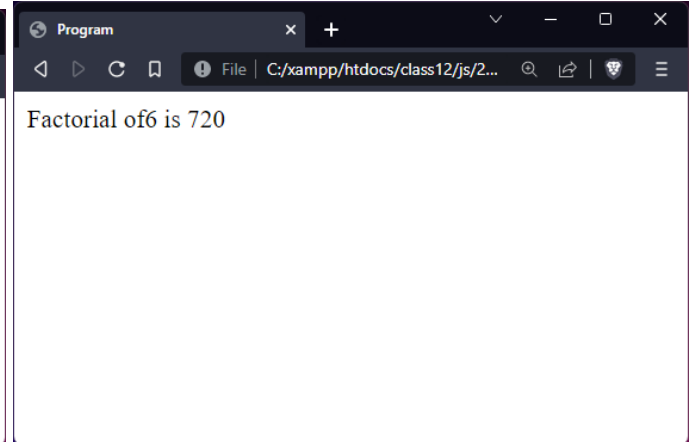
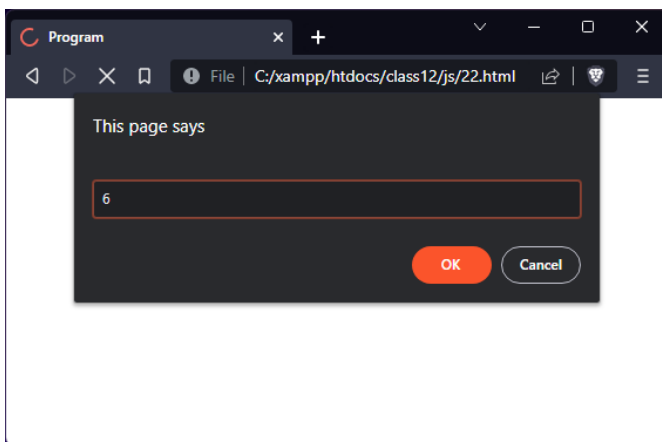
22. WAP print factorial of 5

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var fact=1;
    for(var i=1;i<=5;i++) {
      fact *= i;
    }
    document.write("Factorial of 5 is " + fact);
  </script>
</body>
</html>
```



23. WAP to print the factorial of given number

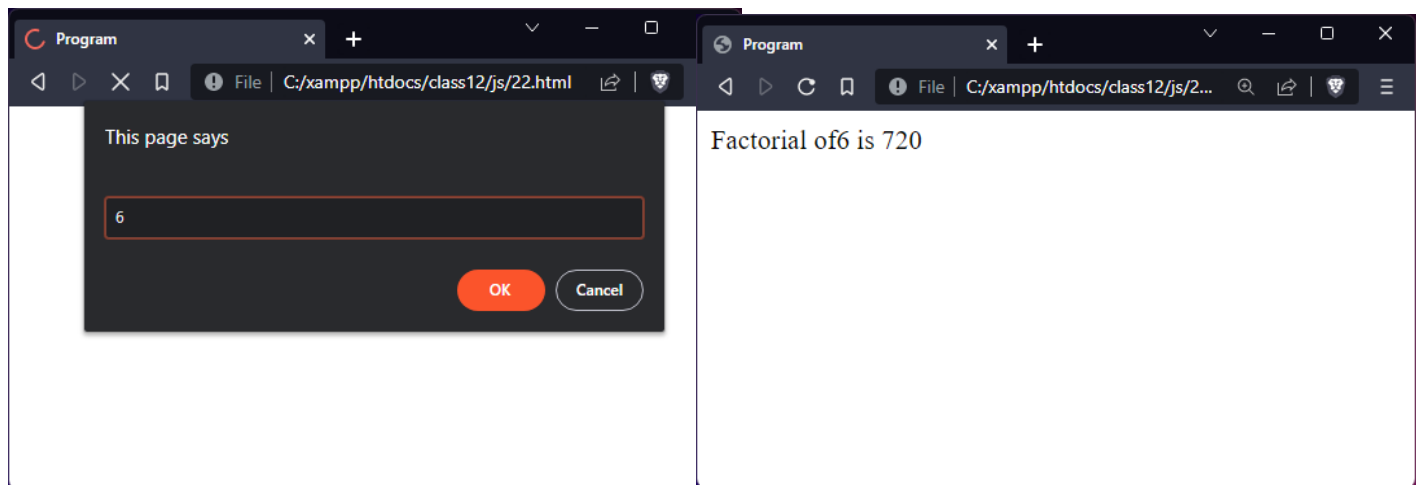
```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var num = parseInt(prompt());
    var fact=1;
    for(var i=1;i<=num;i++) {
      fact *= i;
    }
    document.write("Factorial of" + num + " is " + fact);
  </script>
</body>
</html>
```



24. WAP to print the factorial of number using function

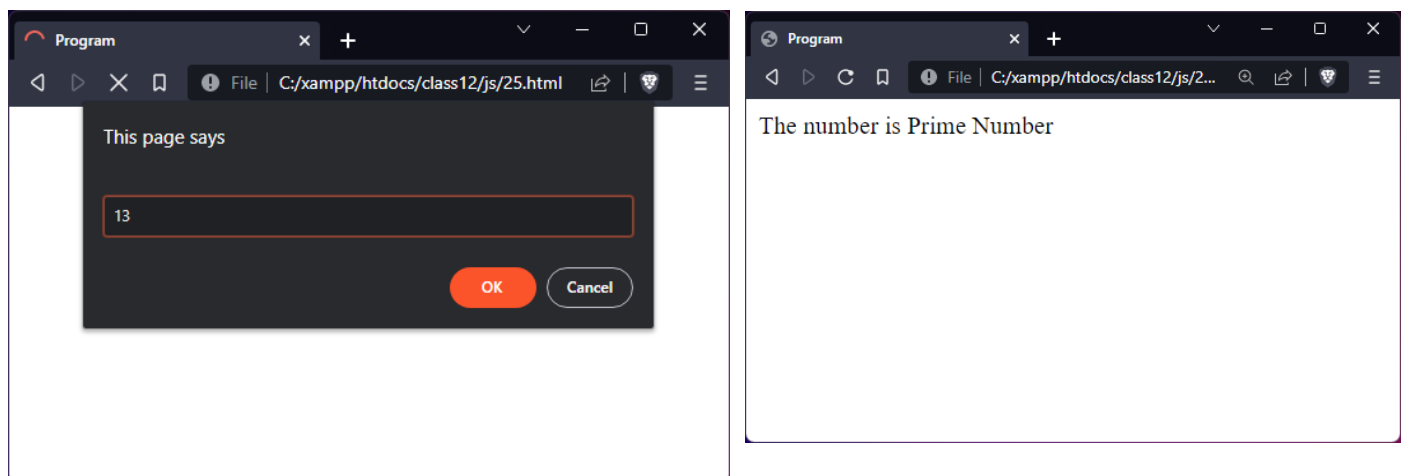
```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var num = parseInt(prompt());
    function factorial(num) {
      var fact=1;
      for(var i=1;i<=num;i++) {
        fact *= i;
      }
      return fact;
    }
    document.write("Factorial of" + num + " is " + factorial(num));
  </script>
</body>
```

</html>



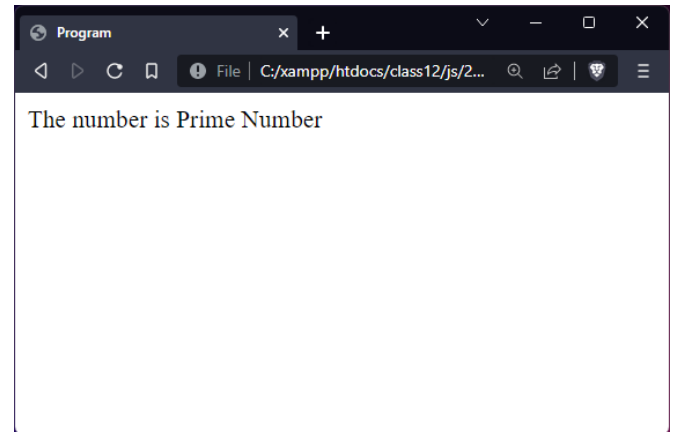
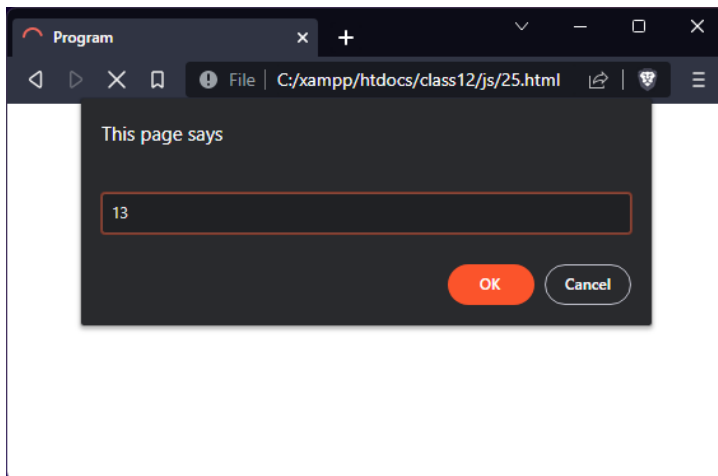
25. WAP to check prime or composite

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var num = parseInt(prompt());
    var flag=0;
    for(var i=2;i<=(num/2); i++) {
      if(num%i==0) {
        flag++;
      }
    }
    if(flag>0) {
      document.write("The number is composite number");
    } else {
      document.write("The number is Prime number");
    }
  </script>
</body>
</html>
```



26. WAP to check prime or composite using function

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var num = parseInt(prompt());
    function Check(num) {
      var flag=0;
      for(var i=2;i<=(num/2); i++) {
        if(num%i==0) {
          flag++;
        }
      }
      if(flag>0) {
        return "Composite"
      } else {
        return "Prime"
      }
    }
    document.write("The number is "+ Check(num) +" Number");
  </script>
</body>
</html>
```



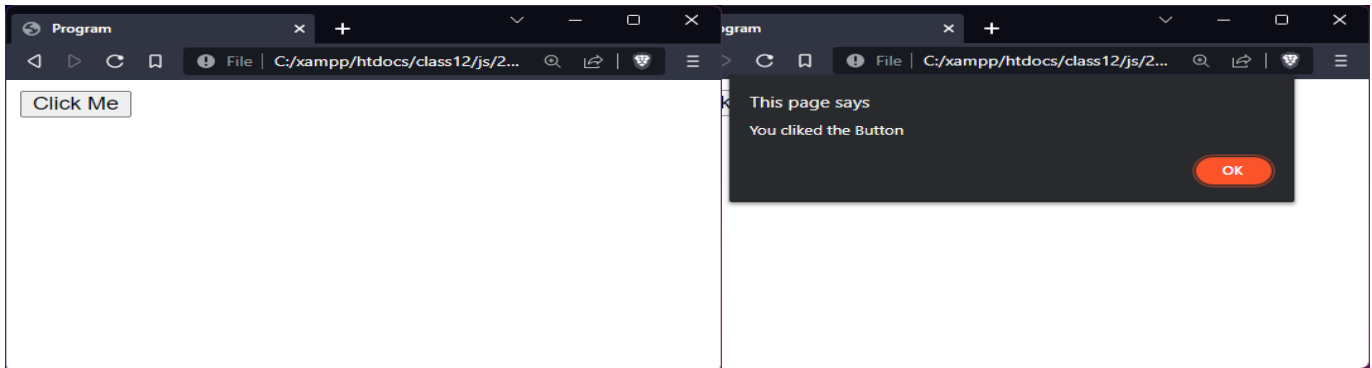
27. WAP to listern click in js

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <button onclick="myFun()"> Click Me </button>
  <script type="text/javascript">
    /**
     * Program to listern click in JS
    */
  </script>
</body>
```

```

        */
        function myFun() {
            alert("You cliked the Button");
        }
    </script>
</body>
</html>

```

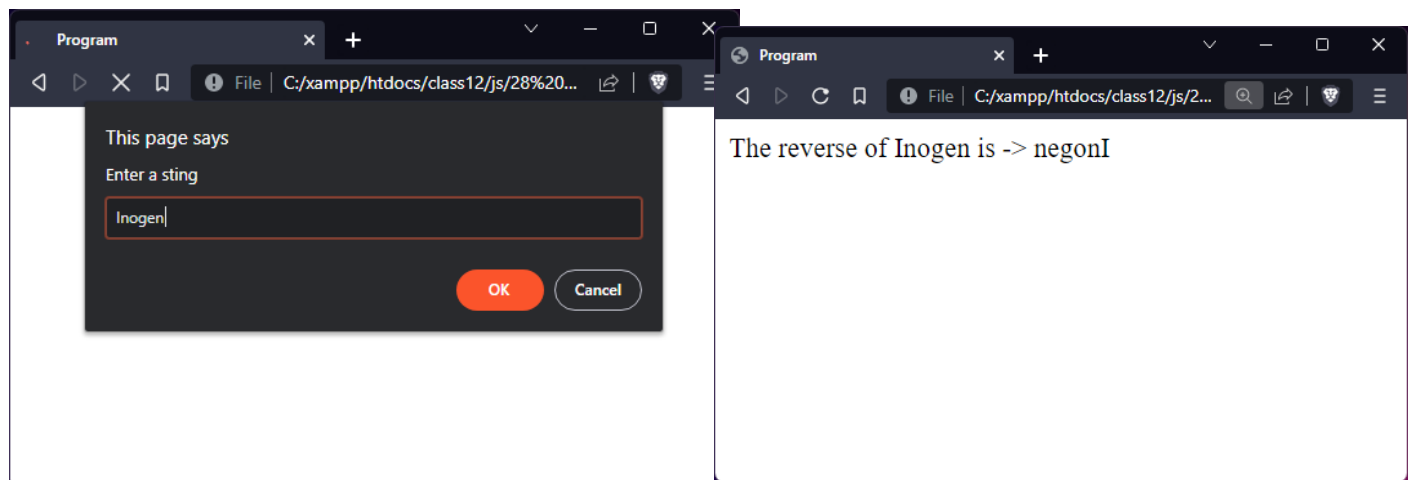


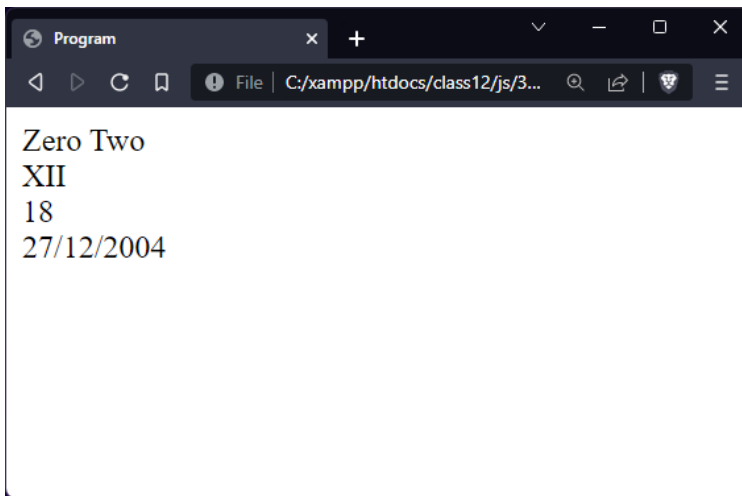
29. WAP to reverse a string in javascript

```

<html>
<head>
    <title>Program</title>
</head>
<body>
    <script type="text/javascript">
        function revString(string) {
            var temp = "";
            for(var i= string.length -1;i>=0;i++) {
                temp += string[i];
            }
            return temp;
        }
        var str = prompt("Enter a sting");
        document.write("The reverse of " + str + " is -> " + revString(str));
    </script>
</body>
</html>

```





35. WAP to create basic object in javascript

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    var student={
      name: "Zero Two",
      class:"XII",
      roll: 18,
      dob: "27/12/2004"
    };

    document.write(student.name+"<br>" + student.class+"<br>" + student.roll+"<br>" + student.dob);
  </script>
</body>
</html>
```

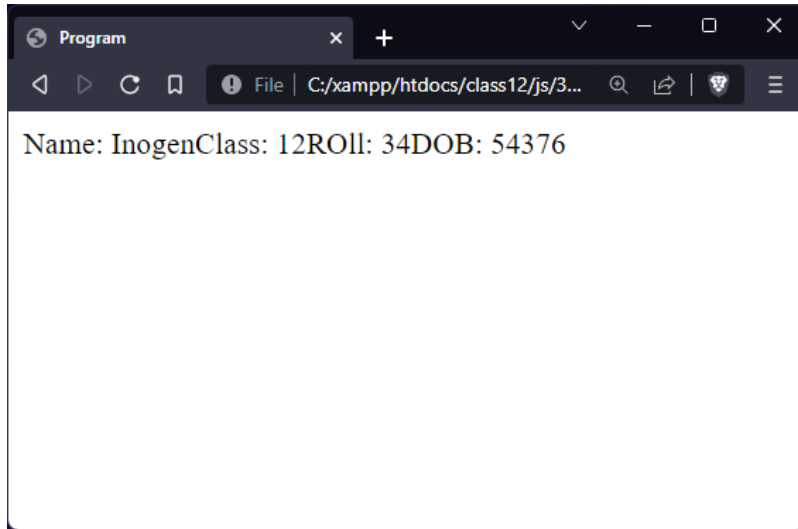
36. WAP so object in javascript

```
<html>
<head>
  <title>Program</title>
</head>
<body>
  <script type="text/javascript">
    /**
     * Objects in JS
     */
    var myObjs = {
      name: prompt("Enter you Name"),
      class: parseInt(prompt("Enter your class")),
      roll: parseInt(prompt("Enter your Roll")),
      DOB: prompt("Enter your DOB")
    }
  </script>
</body>
</html>
```

```

        document.write("Name: " + myObjjs.name);
        document.write("Class: " + myObjjs.class);
        document.write("Roll: " + myObjjs.roll);
        document.write("DOB: " + myObjjs.DOB);
    </script>
</body>
</html>

```



40. WAP to add image using javascript

```

<html>
<head>
    <title>Program</title>
</head>
<body>
    <button onclick="myFun()">Click Me</button>
    <script type="text/javascript">
        /**
         * Program to add image
         */
        function myFun() {
            var myImage = document.createElement("img");
            myImage.src = "myImage.png";
            document.appendChild(myImage);
        }
    </script>
</body>
</html>

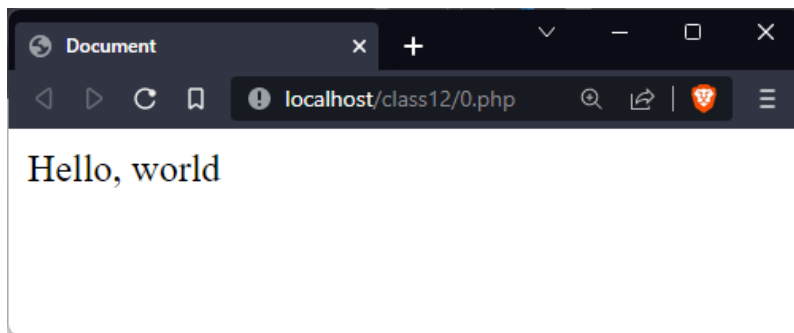
```

(PHP)

1) Program to Print Hello World

```
<html>
<head>
    <title>Document</title>
</head>
<body>
    <?php
        echo "Hello, world";
    ?>
</body>
</html>
```

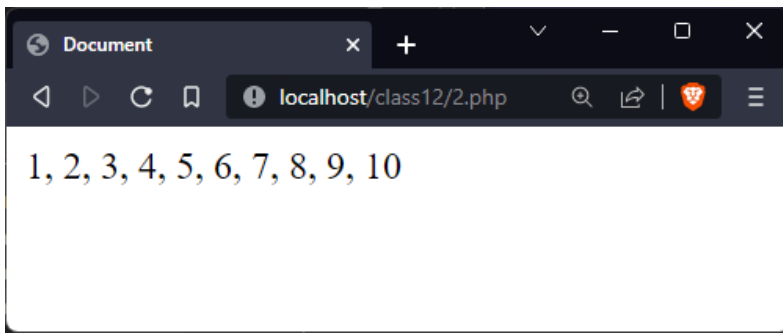
Output



2) Program to print 1 to 10

```
<html>
<head>
    <title>Document</title>
</head>
<body>
    <?php
        for($x=1; $x<=10; $x++)
        {
            echo (x < 10)?"$x, ":"$x"."\\n";
        }
    ?>
</body>
</html>
```

Output



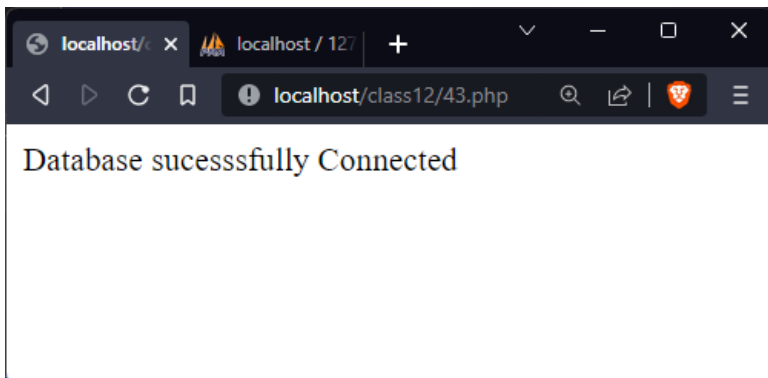
3) Program to connect to database in php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbCon = new mysqli($servername, $username, $password);

// Checking if Connected or not

if($dbCon->connect_error) {
    die( "Error: " . $dbCon->connect_error);
}
echo "Database sucesssfully Connected";
?>
```

Output



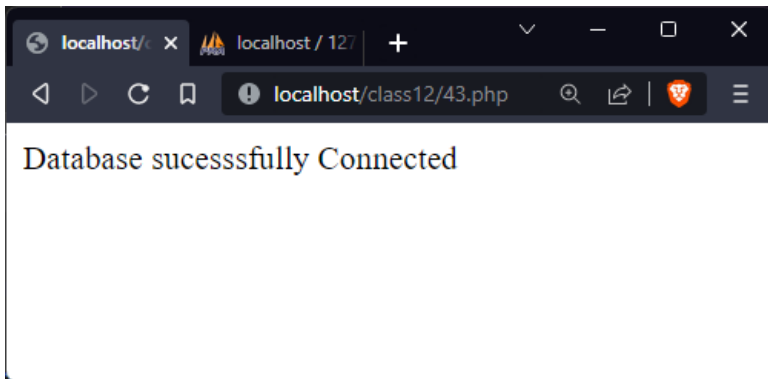
4) Creating Table using php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$db = "ino";
$dbCon = new mysqli($servername, $username, $password, $db);
```

```
// Checking if Connected or not

if($dbCon->connect_error) {
    die( "Error: " . $dbCon->connect_error);
}
echo "Database sucesssfully Connected<br>";
$sqlquery = "create table student(name varchar(20), rollno int, section varchar(5))";
echo "Table created";
$dbCon->query($sqlquery);
?>
```

Output



5) Program to display data from database

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$db = "ino";
$dbCon = new mysqli($servername, $username, $password, $db);

// Checking if Connected or not

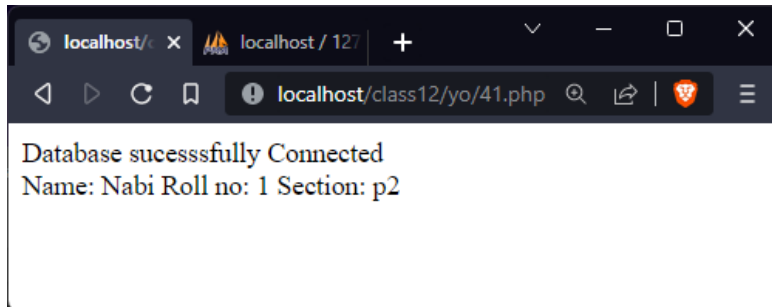
if($dbCon->connect_error) {
    die( "Error: " . $dbCon->connect_error);
}
// If database is connected
echo "Database sucesssfully Connected";
// Sql query
$sqlquery = "create table student(name varchar(20), rollno int, section varchar(5))";
$dbCon->query($sqlquery);
echo "<br>Table created successfull";
$sqlinsertquery = "insert into student values(\"Nabi\",1,\"p2\")";
$dbCon->query($sqlinsertquery);
```

```

echo "<br>Data added created successfull<br>";
// Fetching data
$you = $dbCon->query("SELECT * FROM student;");
// Printing
while($rec = $you->fetch_assoc()) {
    echo "Name: ".$rec["name"]." Roll no: ".$rec["rollno"]." Sec-
tion: ".$rec["section"]."<br>";
}
?>

```

Output



6) Program to display data from database in table

```

<?php
$servername = "localhost";
$username = "root";
$password = "";
$db = "ino";
$dbCon = new mysqli($servername, $username, $password, $db);

// Checking if Connected or not

if($dbCon->connect_error) {
    die( "Error: " . $dbCon->connect_error);
}
// If database is connected
echo "Database sucesssfully Connected";
// Sql query
$sqlquery = "create table student(name varchar(20), rollno int, sec-
tion varchar(5))";
$dbCon->query($sqlquery);
$sqlinsertquery = "insert into student values(\"Nabi\",1,\"p2\")";
$dbCon->query($sqlinsertquery);
// Fetching data
$yos = $dbCon->query("select * from student");
// Printing
echo "<table border=2>";
while($rec = $yos->fetch_assoc()) {

```

```
        echo "<tr>";
        echo "<td>".$rec["name"]." </td>";
        echo "<td> ".$rec["rollno"]." </td>";
        echo "<td> ".$rec["section"]." </td>";
        echo "</tr>";
    }
    echo "</table>";
?>
```

Output

