Practical 4

**4.1**

<!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>

    <script type="text/javascript">

        function msg()

        {

            alert("Hello JavaTpoint");

        }

        </script>

</head>

<body>

    <p> Welcome to Javascript</p>

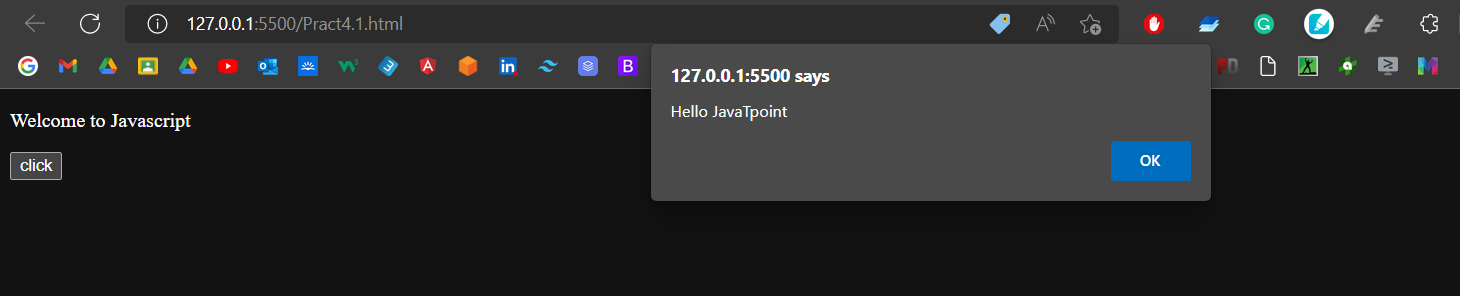
    <form>

    <input type="button" onclick="msg()" value="click">

    </form>

</body>

</html>

****

**4.2**

<!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>

    <script type="text/javascript" src="msg.js"></script>

</head>

<body>

    <p> Welcome to Javascript</p>

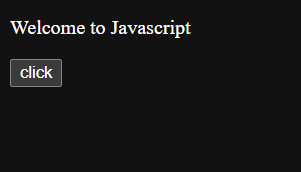
    <form>

        <input type="button" onclick="msg()" value="click">

    </form>

</body>

</html>

****

**4.3**

<!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>

    <script type="text/javascript" >

        function addStrings()

        {

            text1="What a";

            text2="beautiful weather......!";

            text3=text1+text2;

            document.write("your added strings are: "+text3);

        }

        </script>

</head>

<body>

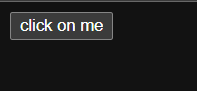
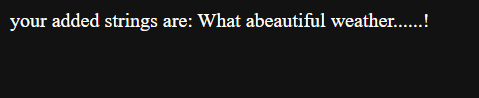
    <form>

        <input type="button" onclick="addStrings()" value="click on me">

        </form>

</body>

</html>

** **

**4.4**

<!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" >

        a=10;

        b=5;

        document.write("<br>Addition is ",a+b);

        document.write("<br>Subtraction is ",a-b);

        document.write("<br>multiplication is ",a\*b);

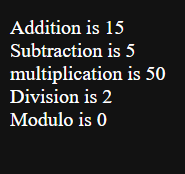
        document.write("<br>Division is ",a/b);

        document.write("<br>Modulo is ",a%b);

        </script>

</body>

</html>

****

**4.5**

<!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" >

        a=parseInt(prompt("Enter value of a: "));

        b=parseInt(prompt("Enter value of b: "));

        document.write("<br>Addition is ",a+b);

        document.write("<br>Subtraction is ",a-b);

        document.write("<br>multiplication is ",a\*b);

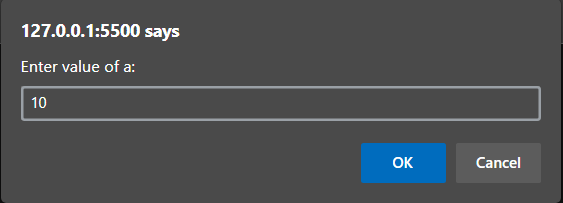
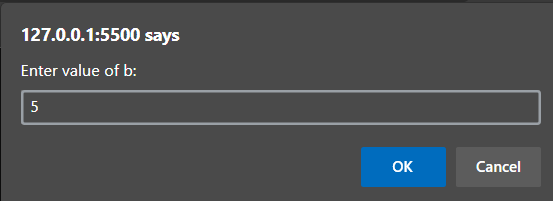
        document.write("<br>Division is ",a/b);

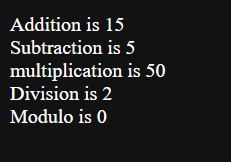
        document.write("<br>Modulo is ",a%b);

        </script>

</body>

</html>

** **

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**4.6**

<!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" >

        a=parseInt(prompt("Enter value of a: "));

        b=parseInt(prompt("Enter value of b: "));

        document.write("<br>",a>b);

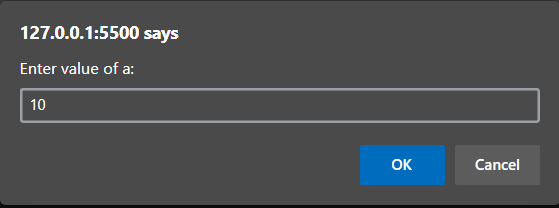
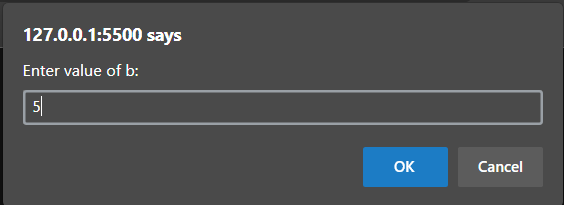
        document.write("<br>",a<b);

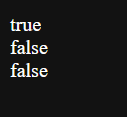
        document.write("<br>",a==b);

        </script>

</body>

</html>

** **

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**4.7**

<!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" >

        marks=parseInt(prompt("Enter your marks: "));

        document.write("Your marks is ",marks);

        if(marks>=75)

        {

            document.write("<br>Congratulations...!, Distinction");

        }

        else

        {

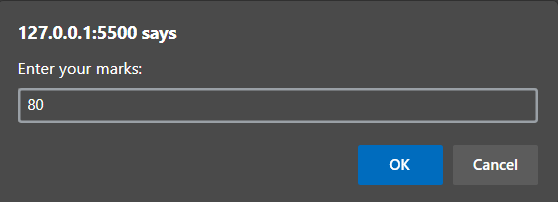
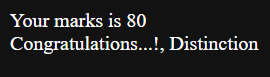
            document.write("First class");

        }

        </script>

</body>

</html>

** **

**4.8**

<!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" >

        marks=parseInt(prompt("Enter your marks: "));

        document.write("Your marks is ",marks);

        if(marks>=75)

        {

            document.write("<br>Distinction");

        }

        else if(marks<75 && marks>=60)

        {

            document.write("<br>First class");

        }

        else if(marks<60 && marks>=50)

        {

            document.write("<br>Second class");

        }

        else if(marks<50 && marks>=40)

        {

            document.write("<br>Third class");

        }

        else if(marks<40 && marks>=35)

        {

            document.write("<br>Just pass ");

        }

        else

        {

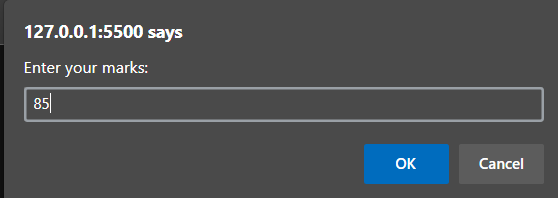
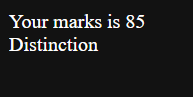
            document.write("<br>Failed");

        }

        </script>

</body>

</html>

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**4.9**

<!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" >

        csmarks=parseInt(prompt("Enter your marks in cs : "));

        if(csmarks>=75)

        {

            mathsmark=parseInt(prompt("Enter your marks in maths : "));

            if(mathsmark>60)

            {

                document.write("<br>You are eligible to take admission");

            }

            else

            {

                document.write("<br> Oops...!You must have scored more than 60 in maths");

            }

        }

        else

        {

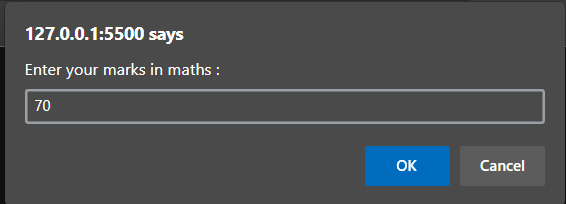
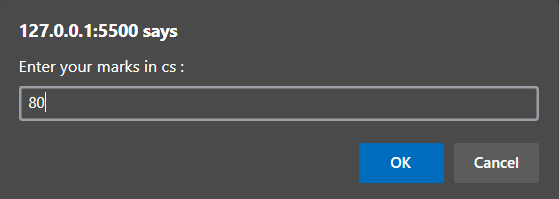
            document.write("<br>You are not eligible to take admission");

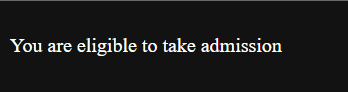
        }

        </script>

</body>

</html>

****

****

**4.10**

<!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">

        daynum=prompt("Enter number of day: ");

        switch(daynum)

        {

            case"1":

                document.write("its Monday,GT practical");

                break;

            case"2":

                document.write("its Tuesday,OS practical");

                break;

            case"3":

                document.write("its Wednesday,WP practical");

                break;

            case"4":

                document.write("its Thursday,JAVA practical");

                break;

            case"5":

                document.write("its Friday,DBMS practical");

                break;

            case"6":

                document.write("its Saturday,LA practical");

                break;

            default:

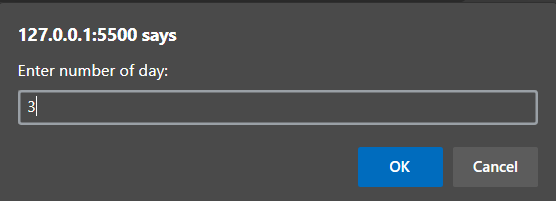
                document.write("Please enter valid day number");

        }

    </script>

</body>

</html>

** **

**4.11**

<!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>

    <script type="text/javascript">

        function Sum(x,y)

        {

            return x+y;

        }

    </script>

</head>

<body>

    <script type="text/javascript">

        document.write(Sum(10,2));

    </script>

</body>

</html>

****

**4.12**

<!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>

    <script type="text/javascript">

        function evalexp()

        {

            exp=prompt("Enter any expression: ");

            document.write(eval(exp));

        }

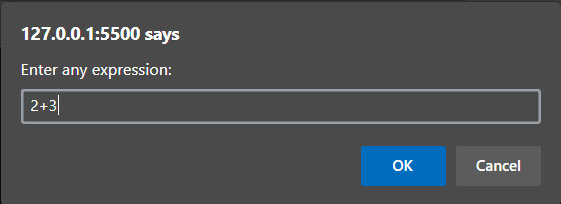
    </script>

</head>

<body onload="evalexp()">

</body>

</html>

** **

**4.13**

<!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">

        prompt("Do you like JAVASCRIPT....?")

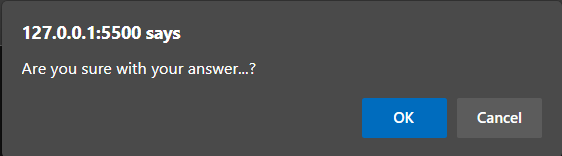
        confirm("Are you sure with your answer...?")

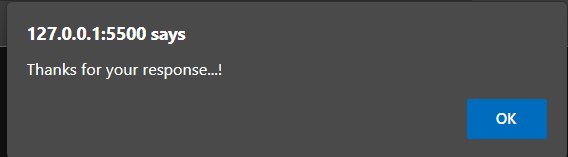
        alert("Thanks for your response...!")

    </script>

</body>

</html>

****

****

**4.14**

<!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 i=prompt("Enter any number: ");

        if((i%2)==0)

        {

            document.write(i+" is even<br>");

        }

        else

        {

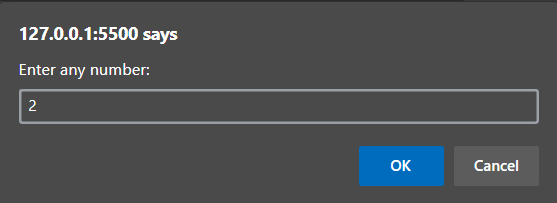
            document.write(i+" is odd<br>");

        }

    </script>

</body>

</html>

****

**4.15**

<!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">

        document.write("<h2> Multiplication Table from(1-10)</h2><br>");

        document.write("<table border=1 width=50%>");

        for(i=1;i<=10;i++)

        {

            document.write("<tr>");

            document.write("<td>"+i+"</td>");

            for(j=2;j<=10;j++)

            {

                document.write("<td>"+i\*j+"</td>");

            }

            document.write("</tr>");

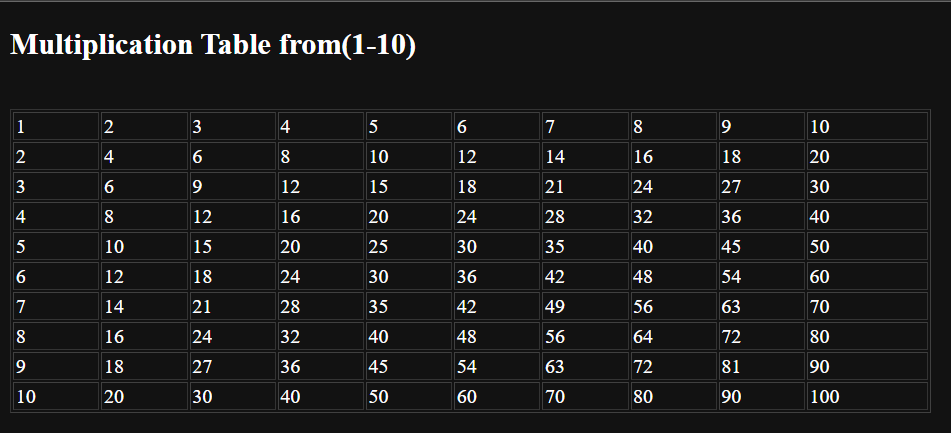
        }

        document.write("</table>");

    </script>

</body>

</html>

****

**4.16**

<!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 i=0;

        while(i<=10)

        {

        document.write(i+"<br>");

        i++;

        }

    </script>

</body>

</html>

****

**4.17**

<!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>

    <script type="text/javascript">

        function dispnat()

        {

            n=parseInt(prompt("Enter how many natural numbers you want: "));

            for(i=1;i<=n;i++)

            {

                document.write(i+"<br>");

            }

        }

    </script>

</head>

<body>

    <p> first n natural numbers</p>

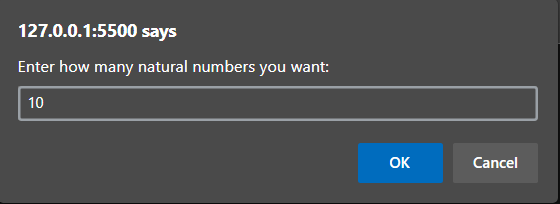
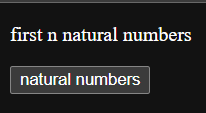
<form>

    <input type="button" onclick="dispnat()" value="natural numbers">

</form>

</body>

</html>

****

****

**4.18**

<!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>

    <script type="text/javascript">

        function sumnat()

        {

            sum=0;

            n=parseInt(prompt("Enter how many natural numbers sum you want: "));

            for(i=1;i<=n;i++)

            {

                sum+=i;

            }

            document.write("The sum of "+n+" natural numbers is "+sum);

        }

    </script>

</head>

<body>

    <p> Sum of natural numbers</p>

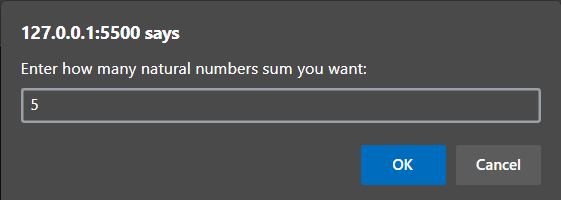
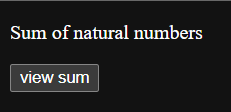
<form>

    <input type="button" onclick="sumnat()" value="view sum">

</form>

</body>

</html>

****

****

**4.19**

<!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>

    <script type="text/Javascript">

        function ArrayValue()

        {

            var names=new Array();

            names[0]="Habiba";

            names[1]="Shamima";

            names[2]="Rozy";

            for(n in names)

            {

                document.write(names[n]+"<br>");

            }

        }

    </script>

</head>

<body>

    <p>My Friends list</p>

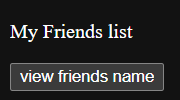
<form>

    <input type="button" onclick="ArrayValue()" value="view friends name">

</form>

</body>

</html>

** **

**4.20**

<!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>

    <script type="text/javascript">

        function show()

        {

            name=document.frm.t1.value;

            document.write("Username="+name);

        }

    </script>

</head>

<body>

    <form name="frm">

        Username<input tpye="text" name="t1"> <br>

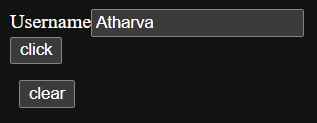
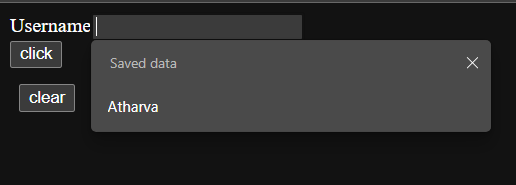
        <input type="button" onclick="show()" value="click">

        <pre> <input type="reset" value="clear"></pre>

    </form>

</body>

</html>

**  **

**4.21**

<!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>

    <script type="text/javascript">

        function fact()

        {

            n=parseInt(prompt("Enter a number"));

            i=1;

            fact=1;

            for(i=1;i<=n;i++)

            {

                fact=fact\*i;

            }

            document.write("Factorial of  "+n+"  is  " +fact);

        }

    </script>

</head>

<body>

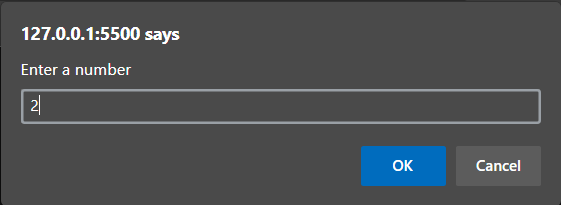
    <form name="frm">

        <input type="button" onclick="fact()" value="click">

    </form>

</body>

</html>

**  **

**4.22**

<!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">

        a=parseInt(prompt("Enter number whose table you want"));

        for (i=1;i<=10;i++)

        {

            mul=i\*a;

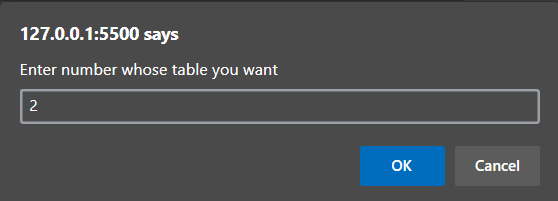
            document.write(a+"x"+i+"="+mul+"<br>");

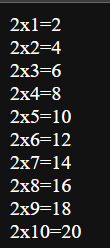
        }

    </script>

</body>

</html>

****

****

**4.23**

<!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">

        a=0;

        b=1;

        document.write(a+"<br> "+b);

        for(i=1;i<=10;i++)

        {

            c=a+b;

            document.write("<br>"+c);

            a=b;

            b=c;

        }

    </script>

</body>

</html>

****

**4.24**

<!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>

    <script type="text/javascript">

        function login()

        {

            name=document.frm.t1.value;

            pass=document.frm.t2.value;

            if (name=="Atharva" && pass=="1234")

            {

                document.write("Thanks for your login");

            }

            else

            {

                document.write("Wrong username and password");

            }

        }

    </script>

</head>

<body>

    <form name="frm">

        Username<input type="text" name="t1"><br>

        Password<input type="password" name="t2"><br>

        <input type="button" onclick="login()" value="click">

        <pre><input type="reset" value="clear"></pre>

    </form>

</body>

</html>

