***1. Hello world***

<html>

<head><title>JS example</title></head>

<body>

<script language="Javascript" type="text/javascript">

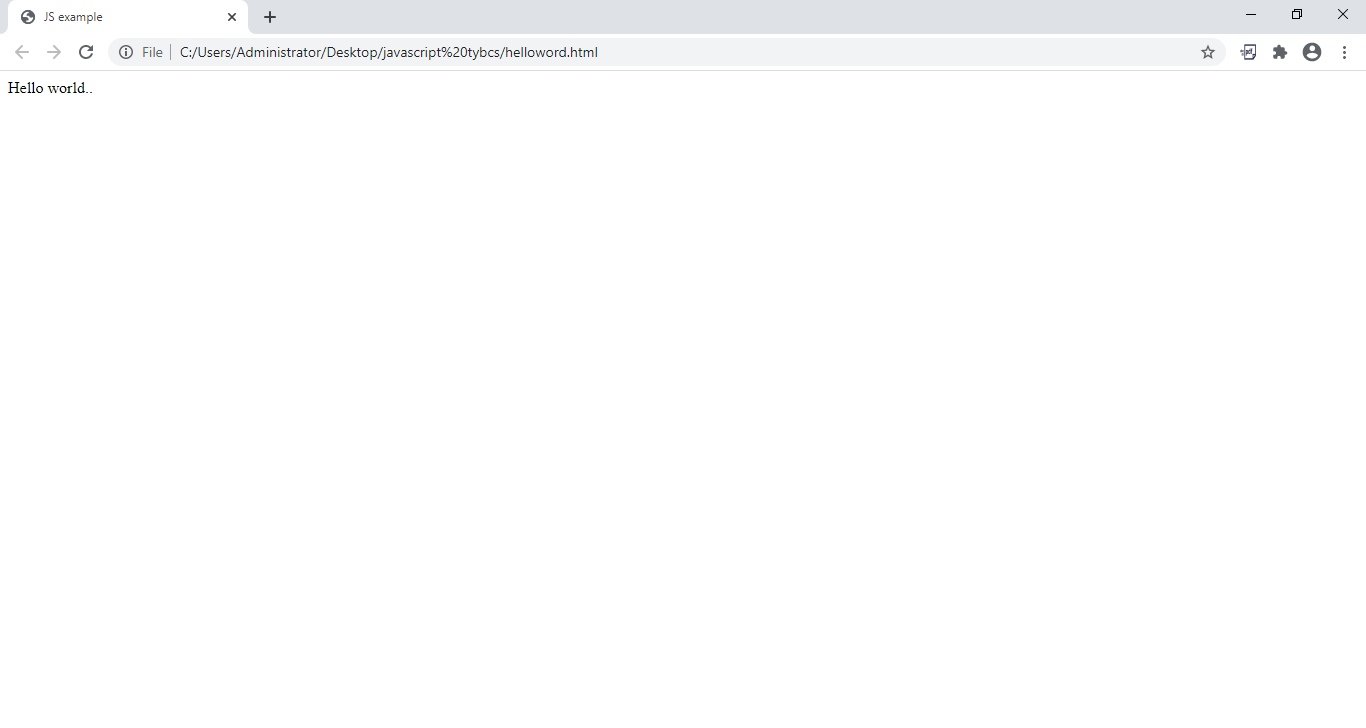
document.write("Hello world..");

</script>

</body>

</html>

O/P



**2. Variable delclaration**

<html>

<head><title>Declaration of variable</title>

</head>

<body>

<script language="javascript" type="text/javascript">

var a,b,c; //Declaration of variables

a=10,b=25;//Assign the value

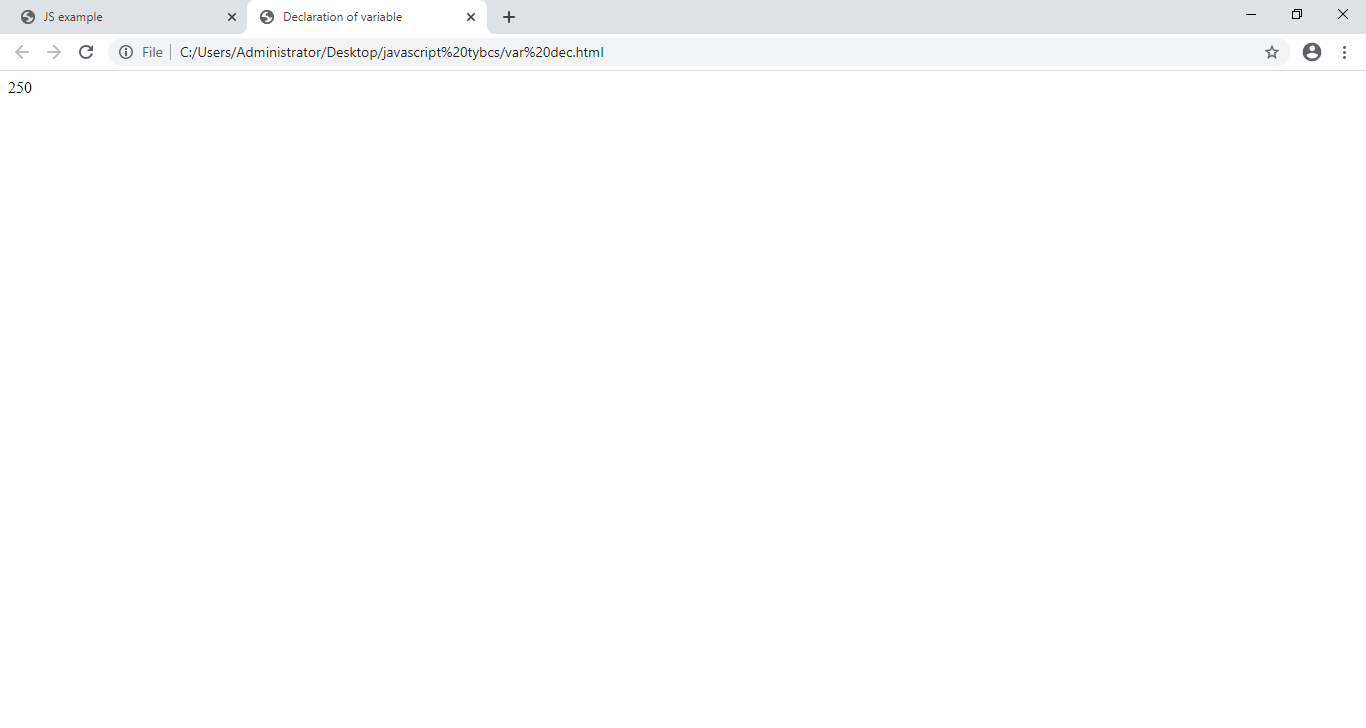
c=a\*b;

document.write(c);

</script>

</body>

</html>

******

***3.Arithmetic operators***

<html>

<head><title>Arithmetic Operators</title></head>

<body>

<script language="javascript" type="text/javascript">

var a=40;

var b=30;

document.write("Add="+(a+b)+"<br>");

document.write("Subtract="+(a-b)+"<br>");

document.write("Multiply="+(a\*b)+"<br>");

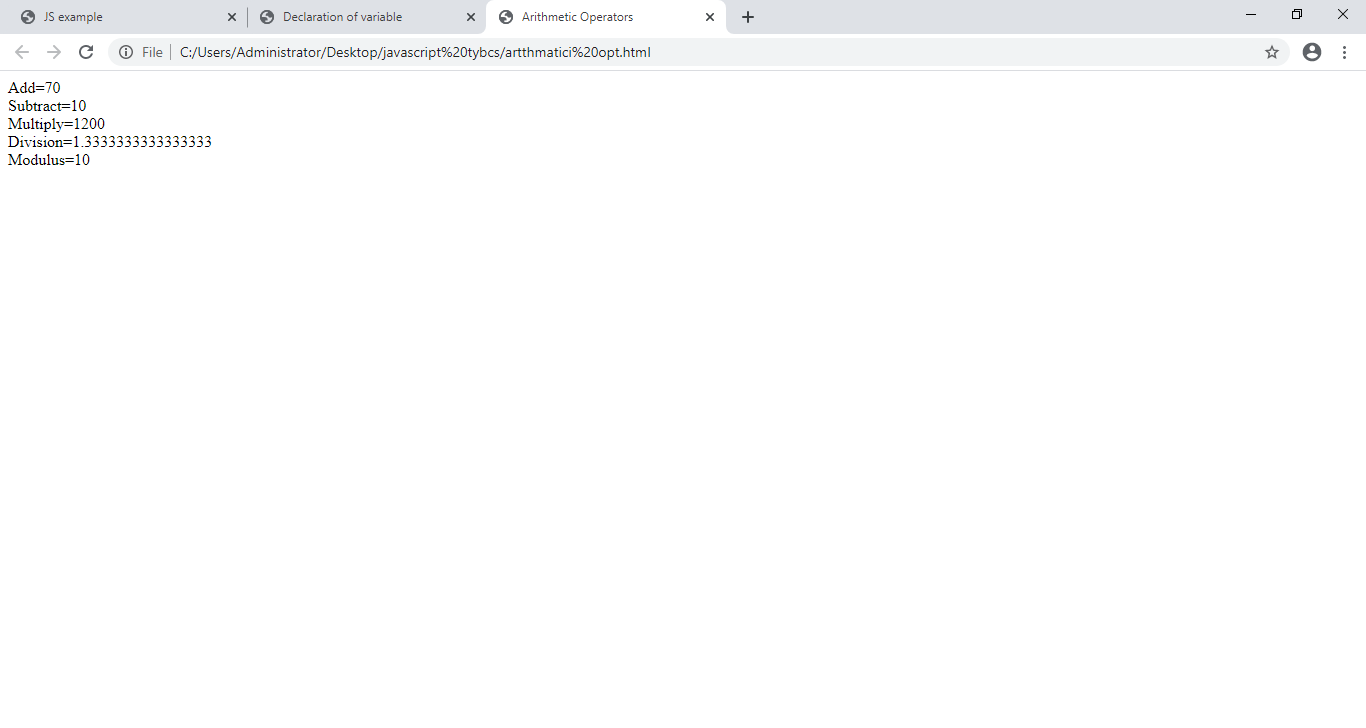
document.write("Division="+(a/b)+"<br>");

document.write("Modulus="+(a%b)+"<br>");

</script>

</body>

</html>



***4.Even Odd Number***

<html>

<head><title>Even Odd</title></head>

<body>

<script language="javascript" type="text/javascript">

var num=10;

if ( num % 2 == 0)

{

document.write('Even Number');

}

else

{

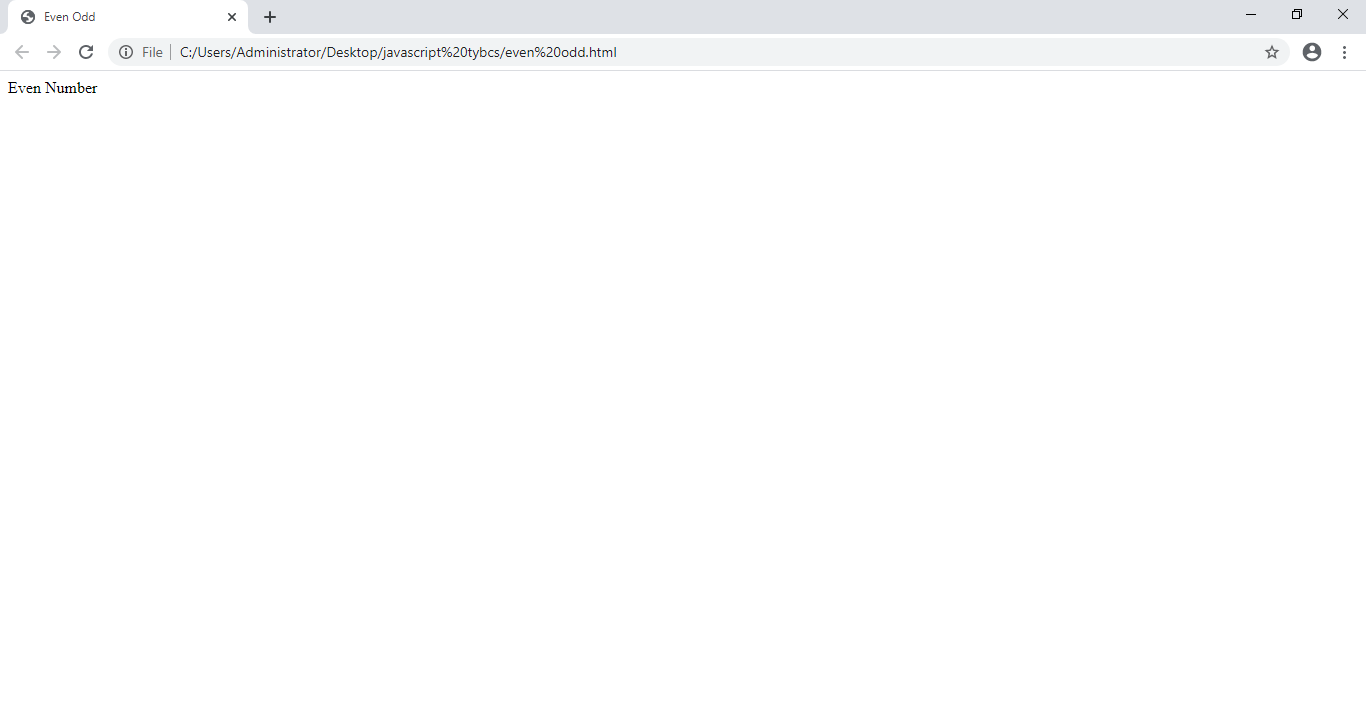
document.write('Odd Number');

}

</script>

</body>

</html>



***5.Prime number***

<html>

<head>

<title>prime or not </title>

<script language="javascript" type="text/javascript" >

function p()

{

var n,i,flag=true;

n=document.primeno.n.value;

n=parseInt(n)

for(i=2;i<=n-1;i++)

if(n%i==0)

{

flag=false;

break;

}

if(flag==true)

alert(n +"is prime no")

else

alert(n +"is not prime no");

}

</script>

<body>

<form name="primeno">

enter a number:<input type="text" name=n;value=""><br><br>

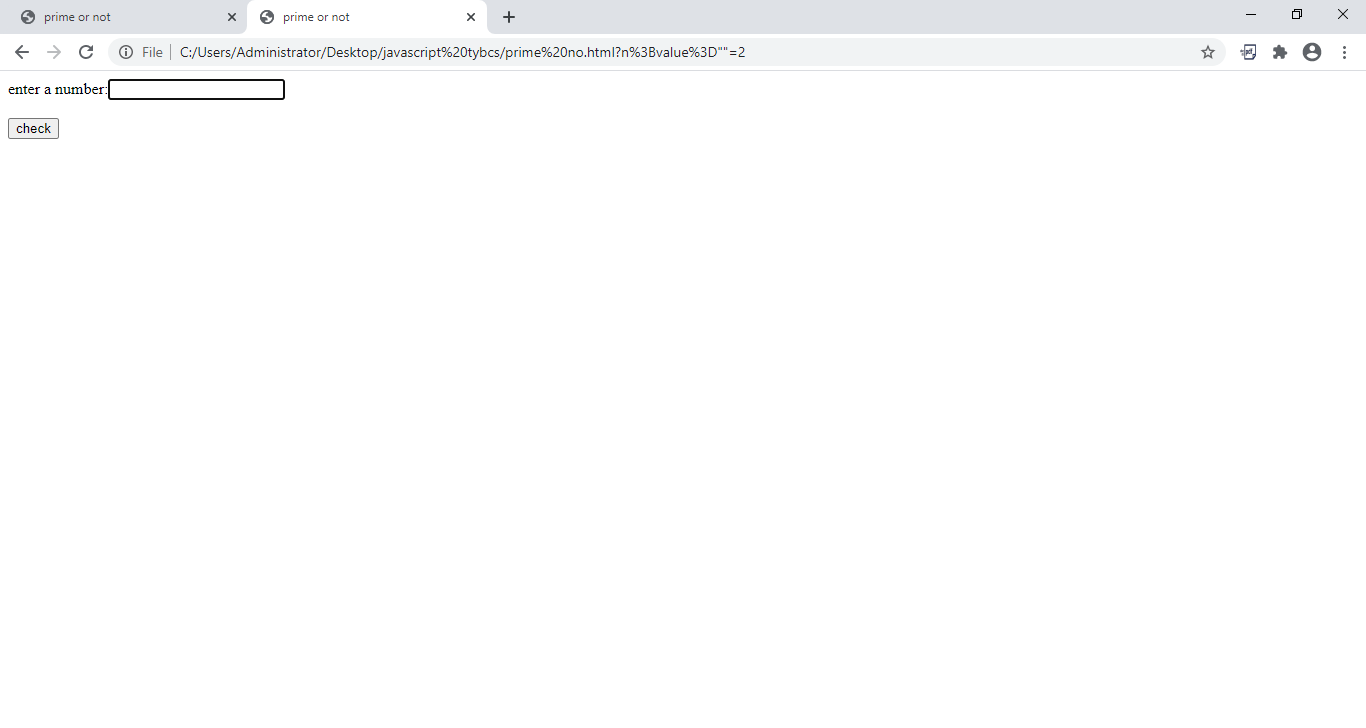
<input type="button" value="check" onClick="p()">

<br>

</form>

</body>

</html>

******

***6.Arithmetic operations***

<html>

<head>

<title>arithmatic operation example</title>

<script language="javascript" type="text/javascript">

function Addition()

{

var firstno = document.form.txtfirstno.value;

var secondno = document.form.txtsecondno.value;

var res = Number(firstno) + Number(secondno);

alert("Your Result is: " + res);

}

function Subtraction()

{

var firstno = document.form.txtfirstno.value;

var secondno = document.form.txtsecondno.value;

var res = Number(firstno) - Number(secondno);

alert("Your Result is: " + res);

}

function Multiplication()

{

var firstno = document.form.txtfirstno.value;

var secondno = document.form.txtsecondno.value;

var res = Number(firstno) \* Number(secondno);

alert("Your Result is: " + res);

}

function Division()

{

var firstno = document.form.txtfirstno.value;

var secondno = document.form.txtsecondno.value;

var res = Number(firstno) / Number(secondno);

alert("Your Result is: " + res);

}

function Modulus()

{

var firstno = document.form.txtfirstno.value;

var secondno = document.form.txtsecondno.value;

var res = Number(firstno) % Number(secondno);

alert("Your Result is: " + res);

}

</script>

</head>

<body>

<form name="form">

<div>

<div>

<div>Enter First Number: </div>

<div><input type="text" name="txtfirstno"> </div>

</div>

<div>

<div>Enter Second Number: </div>

<div><input type="text" name="txtsecondno"></div> </div> <br>

<div style="width:400px; height:40px;">

<div style="width:50px; height:30px; float:left" ><input type="button" style="background-color:red;color:white" value="Add" onclick="Addition();"> </div>

<div style="width:85px; height:30px; float:left" > <input type="button" style="background-color:cyan;color:white" value="Subtract" onclick="Subtraction();"> </div>

<div style="width:80px; height:30px; float:left" > <input type="button" style="background-color:pink;color:white" value="Multiply" onclick="Multiplication();"> </div>

<div style="width:60px; height:30px; float:left" > <input type="button" style="background-color:orange;color:white" value="Divide" onclick="Division();"> </div>

<div style="width:40px; height:30px; float:left" > <input type="button" style="background-color:Yellow;color:white" value="Modulus" onclick="Modulus();"> </div>

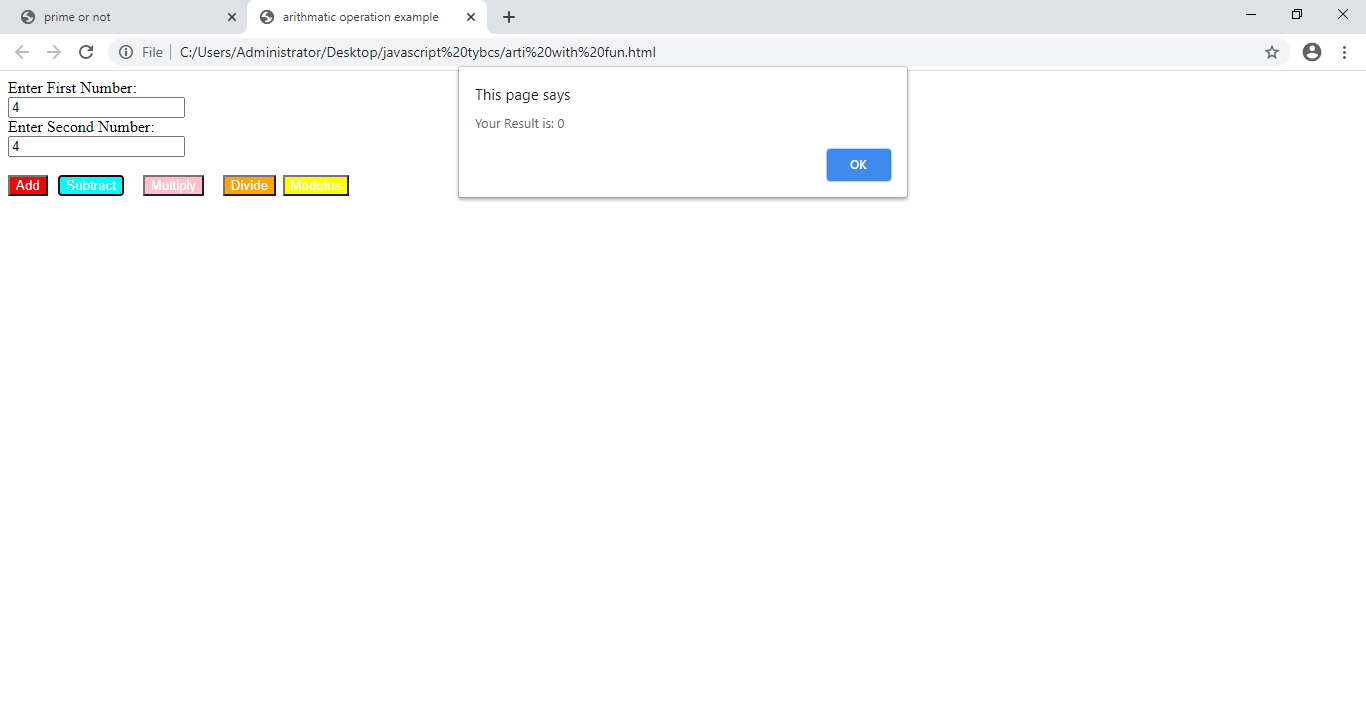
</div>

</div>

</form>

</body>

</html>

******

***7.Hello world by using button control***

<html>

<head>

<title>Hello world</title>

<script language="javascript" type="text/javascript" >

function p()

{

alert("Hello world");

}

</script>

<body>

<form name="Hello">

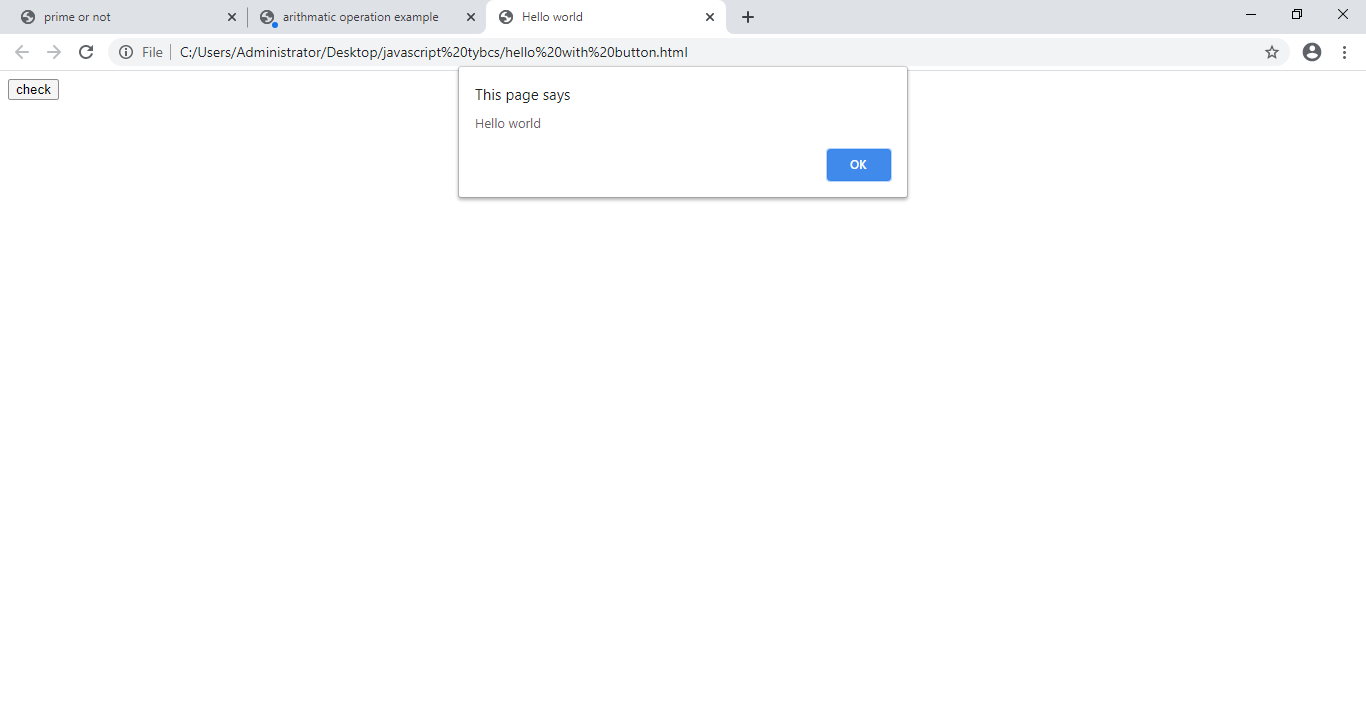
<input type="button" value="check" onClick="p()">

<br>

</form>

</body>

</html>



***8.Star pattern***

<html>

<head>

<title>JavaScript Star Patterns</title>

<script>

var m, n;

for(m=1;m<=5;m++)

{

for(n=1;n<=m;n++)

{

document.write("\*");

}

document.write('<br/>');

}

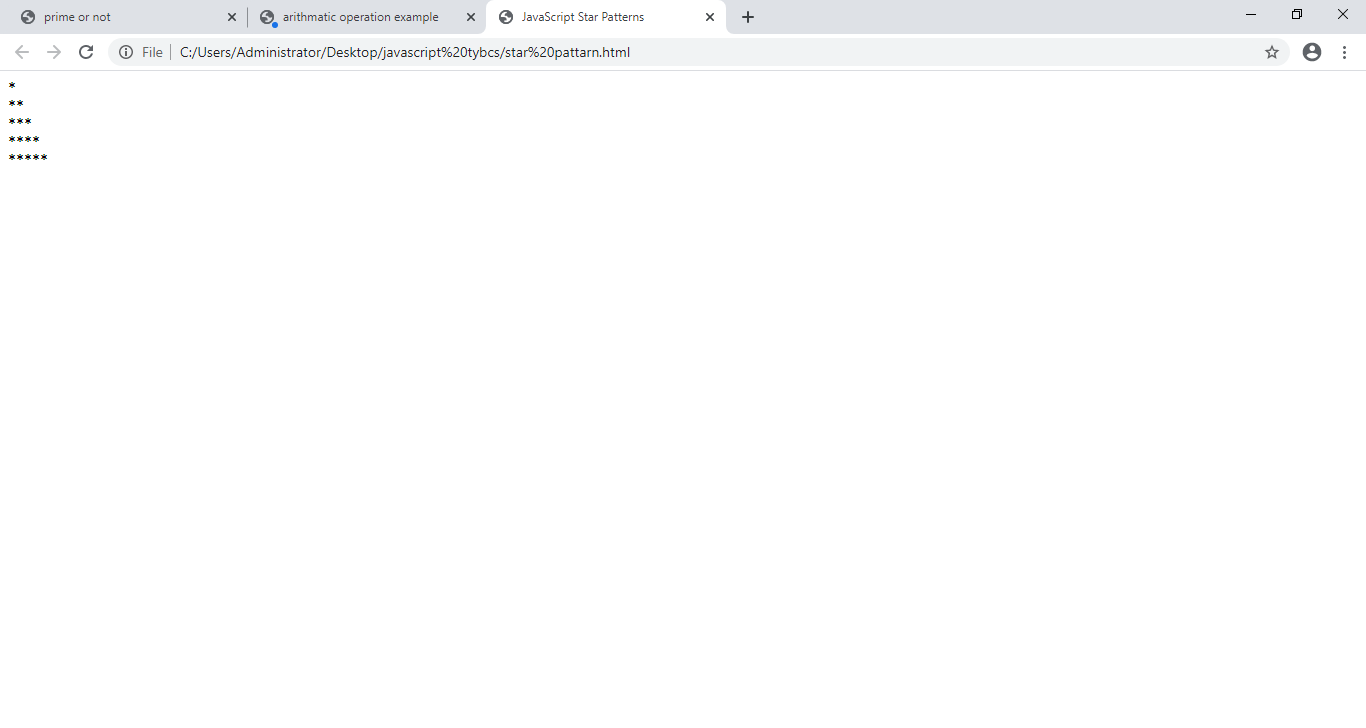
</script>

</head>

<body></body>

</html>

O/P



***9.Reverse star pattern***

<html>

<head>

<title>JavaScript Star Patterns</title>

<script>

var m, n;

for(m=1;m<=5;m++)

{

for(n=m;n<=5;n++)

{

document.write("\*");

}

document.write('<br/>');

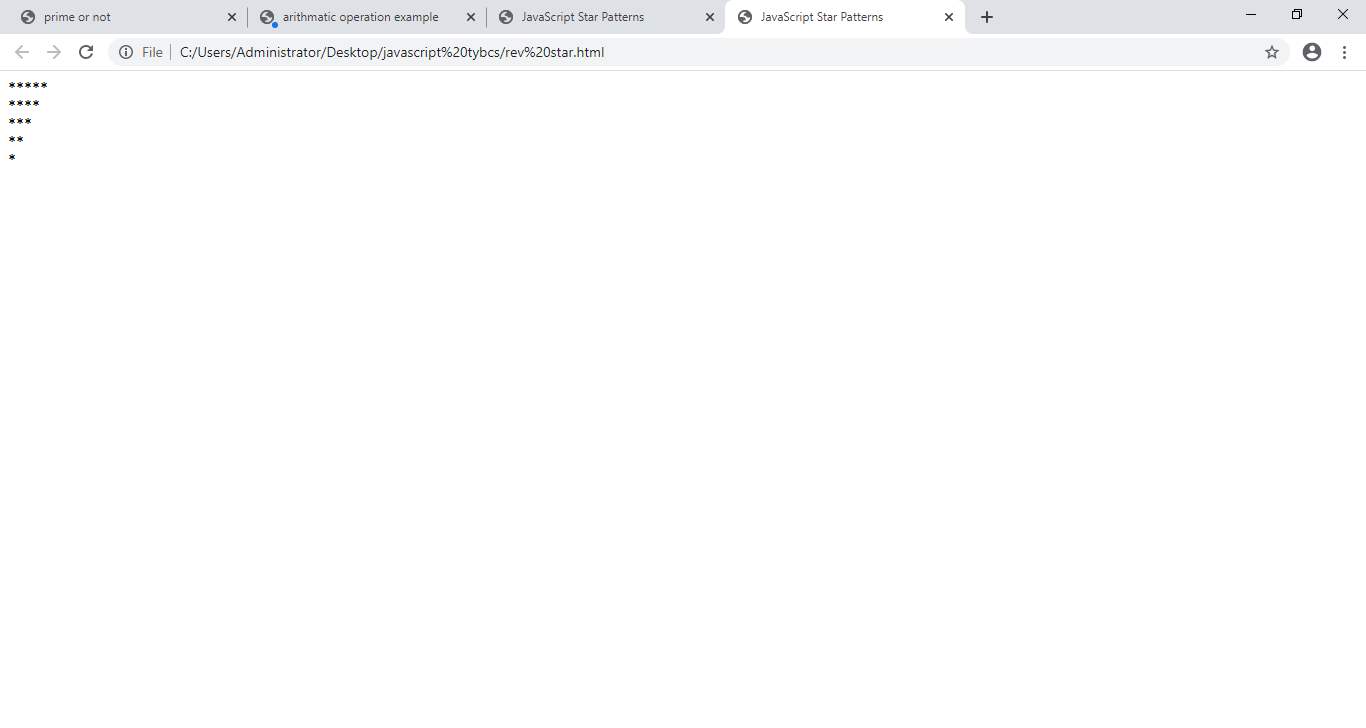
}

</script>

</head>

<body></body>

</html>



***10.Armstrong Number:***

<html>

<head></head>

<script language="javascript" type="text/javascript">

function ArmstrongNo()

{

num = document.getElementById("number").value;

var Number = num;

var digits = 0;

// Finding the number of digits

while(num > 0)

{

digits = digits + 1;

num = parseInt(num/10);

}

num = Number;

var sum = 0;

// calculating sum

while(num > 0) {

var digit = num%10;

sum = sum + Math.pow(digit, digits);

num = parseInt(num/10);

}

// checking sum with original number

if(sum == Number){

document.getElementById("result").style.color = "black";

document.getElementById("result").innerHTML = "The number: " + Number + " is Armstrong Number";

}else{

document.getElementById("result").style.color = "black";

document.getElementById("result").innerHTML = "The number: " + Number + " is NOT Armstrong Number";

}

}

</script>

<body>

<div class = "results">

<h2> Enter the Number </h2>

Number: <input type = "number" name = "number" required id = "number">

<button type = "button" onclick = "ArmstrongNo()" > Submit </button>

<div class = "resultText">

<p id = "result"> </p>

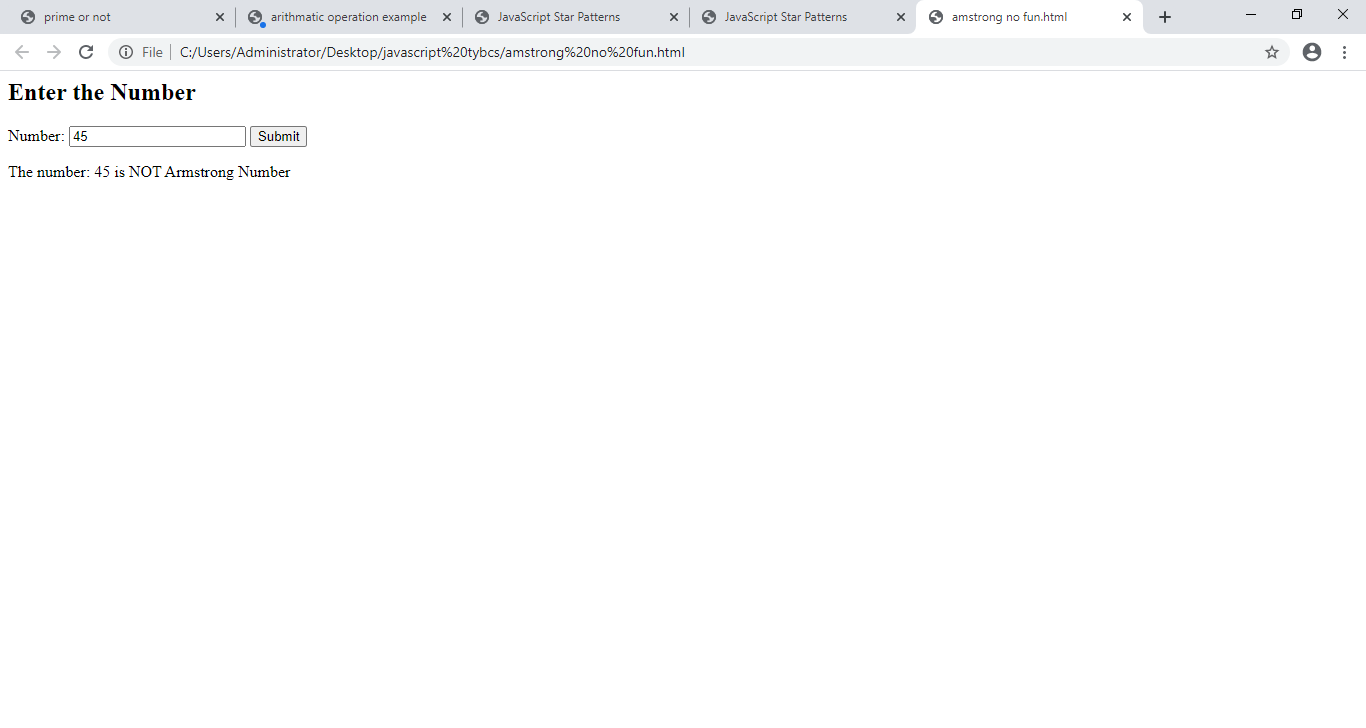
</div>

</div>

</div>

</body>

</html>



***11.Palindrome number***

<html>

<head>

<script language="javascript" type="text/javascript">

function palindrome()

{

var p,num,q,temp=0;

num=Number(document.getElementById("no\_input").value);

q=0;

temp=num;

while(num>0)

{

p=num%10;

num=parseInt(num/10);

q=q\*10+p;

}

if(temp==q)

{

alert("Palindrome no");

}

else

{

alert("Not a palindrome no..");

}

}

</script>

</head>

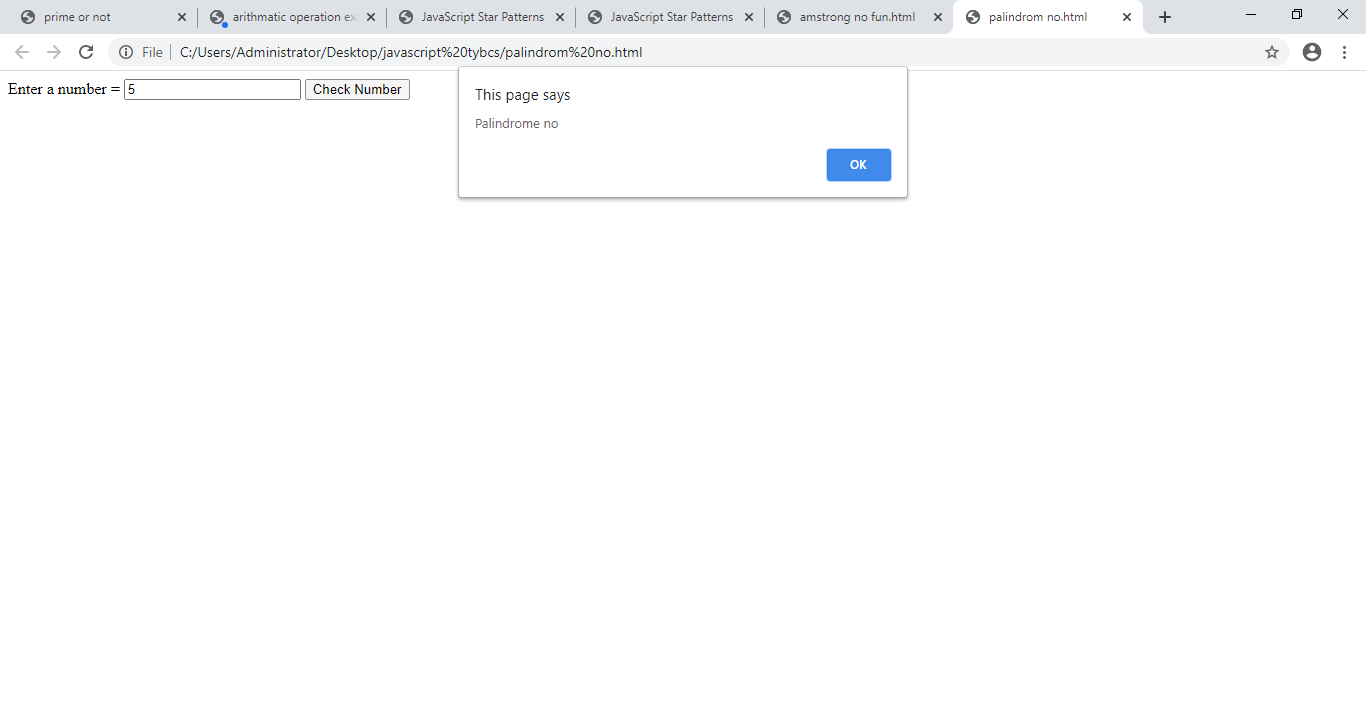
<body>

Enter a number = <input id="no\_input">

<button onclick="palindrome()">Check Number</button><br>

</body>

</html>



***12.Alphabet Pattern***

<html>

<head><title>Alphabet pattern</title></head>

<body>

<script language="javascript" type="text/javascript">

var i, j;

for(i=1; i <= 5; i++)

{

for(j=1; j<=i; j++)

{

document.write('a');

}

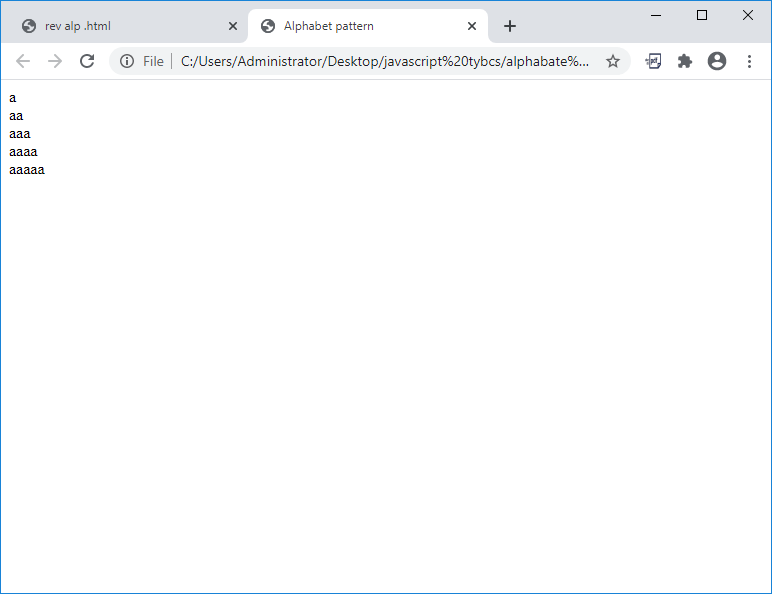
document.write('<br/>');

}

</script>

</body>

</html>



***13.Reverse Alphabet Pattern***

<html>

<head>

<script type="text/javascript">

var i, j;

for(i=1; i <= 5; i++)

{

for(j=i; j<=5; j++)

{

document.write('a');

}

document.write('<br/>');

}

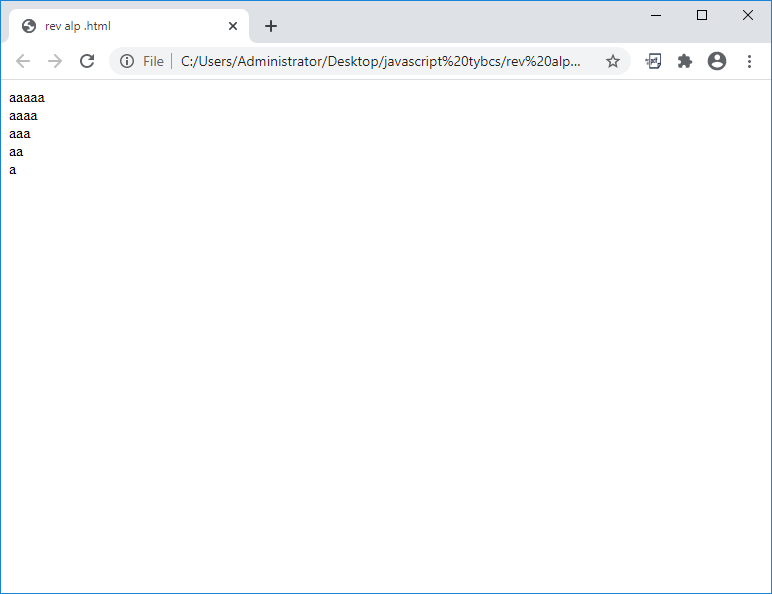
</script>

</head>

<body>

</body>

</html>



***14.Number Pattern***

<html>

<head>

<title>JavaScript Number Patterns</title>

<script>

var m, n;

for(m=1;m<=5;m++)

{

for(n=1;n<=m;n++)

{

document.write(n);

}

document.write('<br/>');

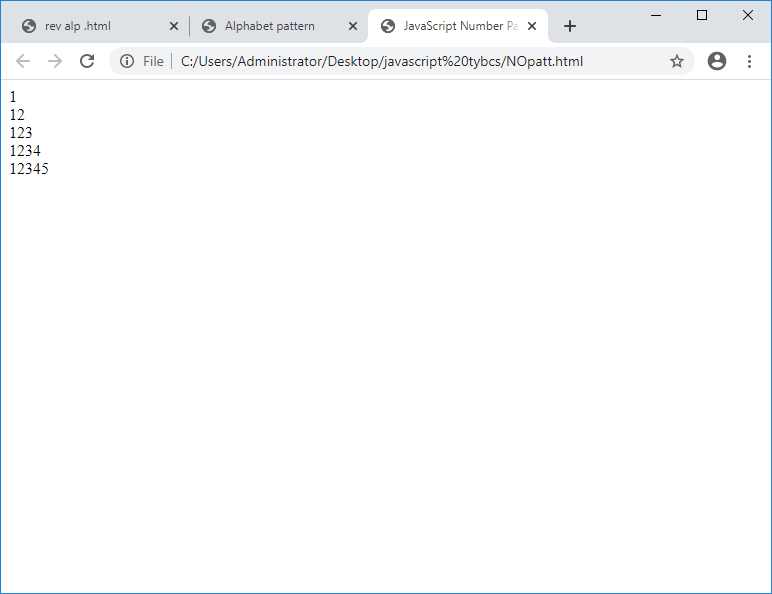
}

</script>

</head>

<body></body>

</html>



***15.Reverse number Pattern***

<html>

<head>

<title>JavaScript Number Patterns</title>

<script>

var m, n;

for(m=5;m>=1;m--)

{

for(n=5;n>=m;n--)

{

document.write(m);

}

document.write('<br/>');

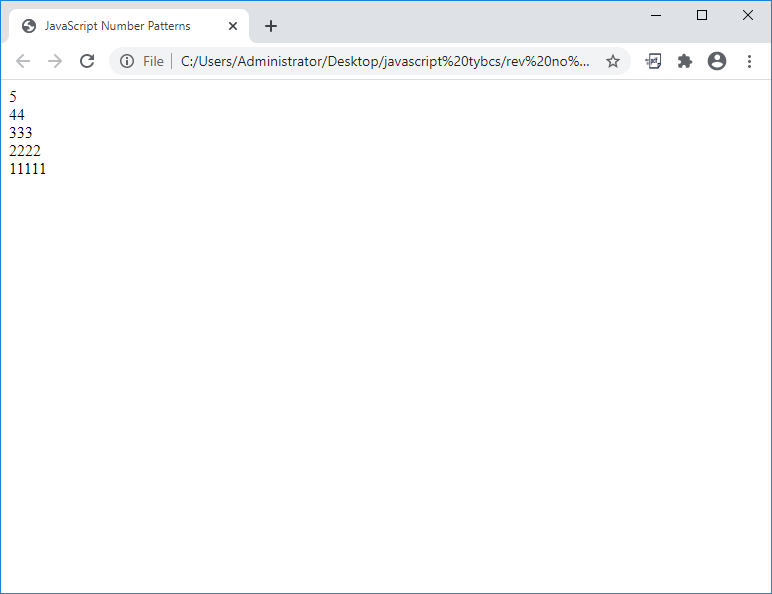
}

</script>

</head>

<body></body>

</html>



***17.Two Dimensional Array***

<html>

<head><title>Two Dimensional Array</title></head>

<body>

<script language="javascript" type="text/javascript">

var myarray=new Array(3);

for (i=0; i <3; i++)

myarray[i]=new Array(3)

myarray[0][0]="One"

myarray[0][1]="Two"

myarray[0][2]="Three"

myarray[1][0]="Four"

myarray[1][1]="Five"

myarray[1][2]="Six"

myarray[2][0]="Seven"

myarray[2][1]="Eight"

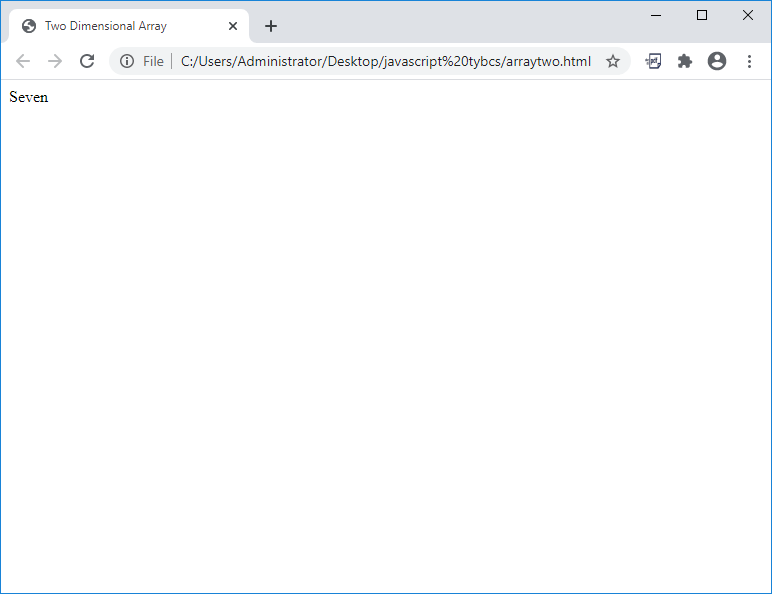
myarray[2][2]="Nine"

document.write(myarray[2][0]);

</script>

</body>

</html>



***18.Keyup Event***

<html>

<head>

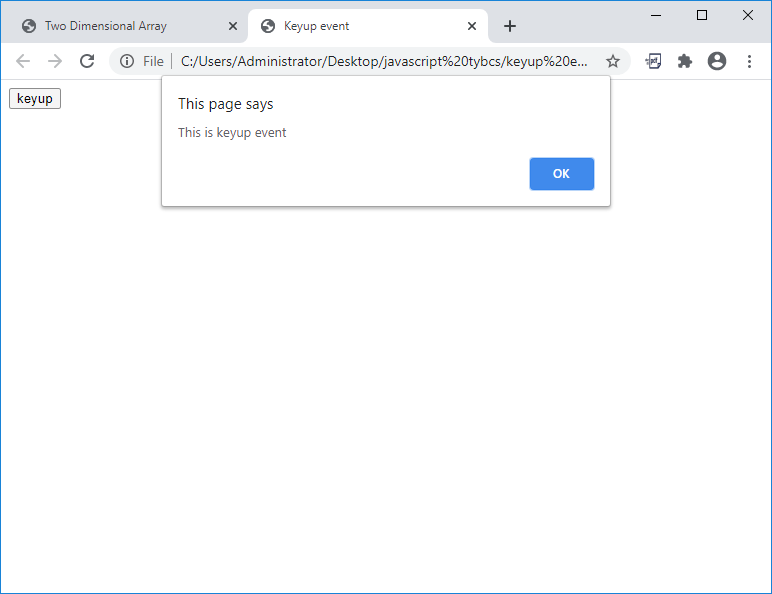
<title>Keyup event</title></head>

<body>

<button type="button" onClick="alert('This is keyup event');">keyup</button>

</body>

</html>

******

***19.Prime Number***

<html>

<head>

<title>prime or not </title>

<script language="javascript" type="text/javascript" >

function p()

{

var n,i,flag=true;

n=document.primeno.n.value;

n=parseInt(n)

for(i=2;i<=n-1;i++)

if(n%i==0)

{

flag=false;

break;

}

if(flag==true)

alert(n +"is prime no")

else

alert(n +"is not prime no");

}

</script>

<body>

<form name="primeno">

enter a number:<input type="text" name=n;value=""><br><br>

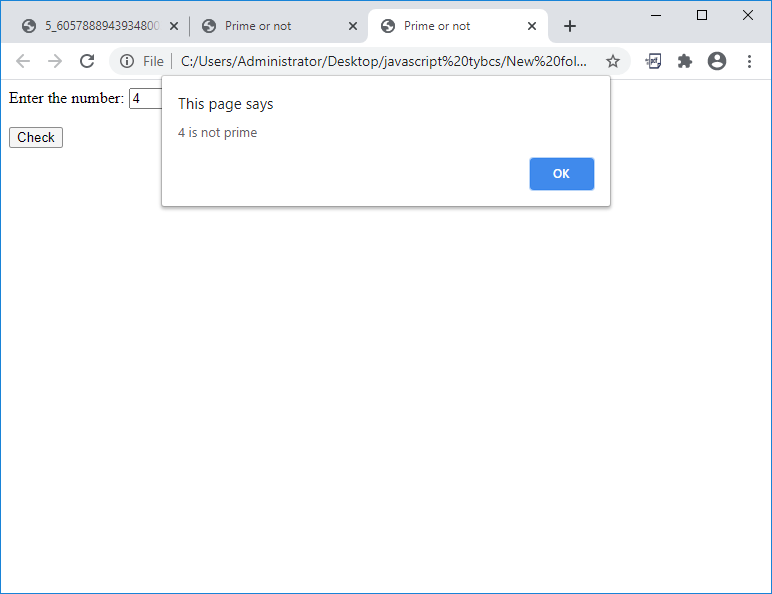
<input type="button" value="check" onClick="p()">

<br>

</form>

</body>

</html>

******

**21.FACTORIAL NO**

<html>

<head>

<title>factorial</title>

<script type="text/javascript">

var i,no,fact;

function display()

{

fact=1;

no=Number(document.getElementById("num").value);

for(i=1;i<=no;i++)

{

fact=fact\*i;

}

document.getElementById("answer").value=fact;

}

</script>

</head>

<body>

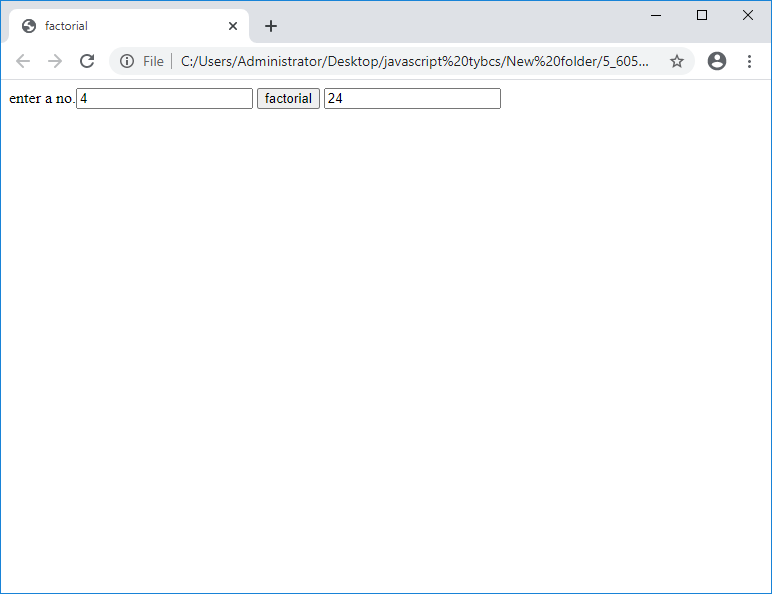
enter a no.<input id="num">

<button onclick="display()">factorial</button>

<input id="answer">

</body>

</html>



22.OPERATOR WITH BUTTON CONTROL

<html>

<head>

<title>operators</title>

<script type="text/javascript">

function add()

{

var num1 = document.getElementById("firstNumber").value;

var num2 = document.getElementById("secondNumber").value;

result=num1+num2;

document.write("result= "+result+"<br>")

}

function sub()

{

var num1 = document.getElementById("firstNumber").value;

var num2 = document.getElementById("secondNumber").value;

result=num1-num2;

document.write("result= "+result+"<br>")

}

function multiply()

{

var num1 = document.getElementById("firstNumber").value;

var num2 = document.getElementById("secondNumber").value;

result=num1\*num2;

document.write("result= "+result+"<br>")

}

function divide()

{

var num1 = document.getElementById("firstNumber").value;

var num2 = document.getElementById("secondNumber").value;

result=num1/num2;

document.write("result= "+result+"<br>")

}

</script></head>

<body>

<form>

First Number : <input type="text" id="firstNumber" ><br>

Second Number: <input type="text" id="secondNumber" ><br>

<input type="button" onClick="add()" Value="add" >

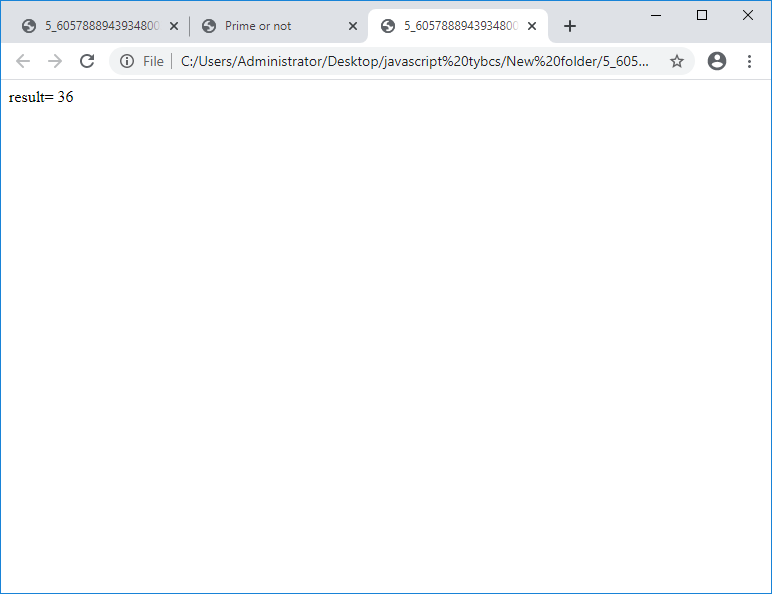
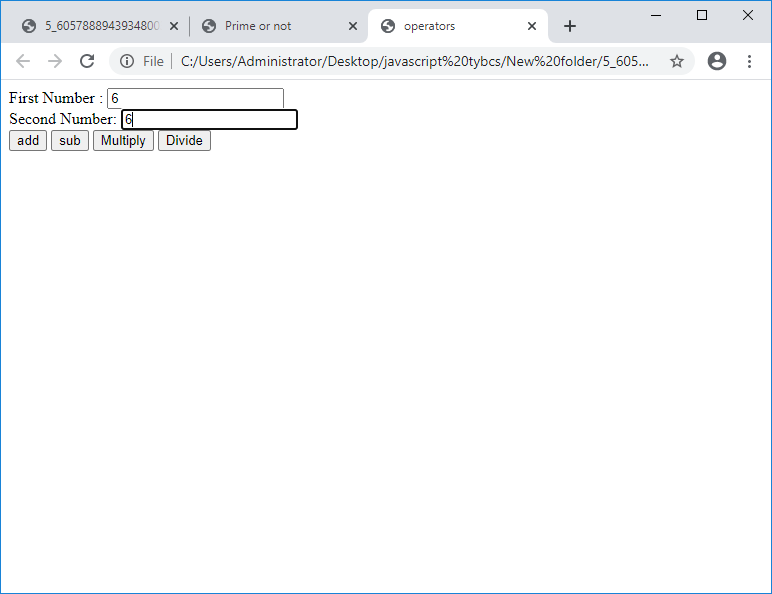
<input type="button" onClick="sub()" Value="sub" >

<input type="button" onClick="multiply()" Value="Multiply" >

<input type="button" onClick="divide()" Value="Divide" >

</form>

</body>



**23.PASSWORD FORM**

<html>

<head>

<title>password</title>

<script type="text/javascript">

function formvalidation()

{

if(document.getElementById("t1").value=="")

alert("enter your name");

else if(document.getElementById("t2").value=="")

alert("enter password");

else if(document.getElementById("t2").value!=document.getElementById("t3").value)

alert("enter correct password");

else if(document.getElementById("t4").value=="")

alert("enter your city")

else

alert("form submitted")

}</script>

</head>

<body>

<form>

enter your name <input type="text" id="t1"><br><br>

enter password<input type="text" id="t2"><br>

<br>

confirm password<input type=" text" id="t3"><br> <br>

enter city<input type="text" id="t4"><br><br>

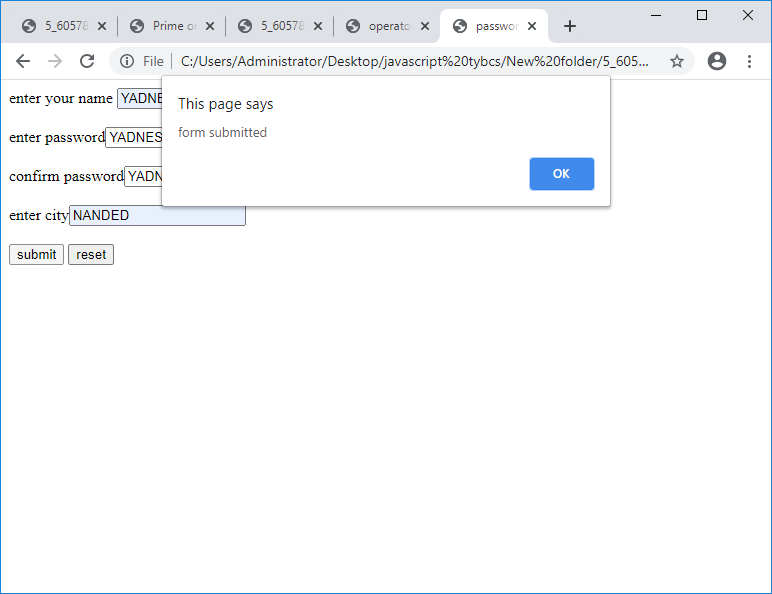
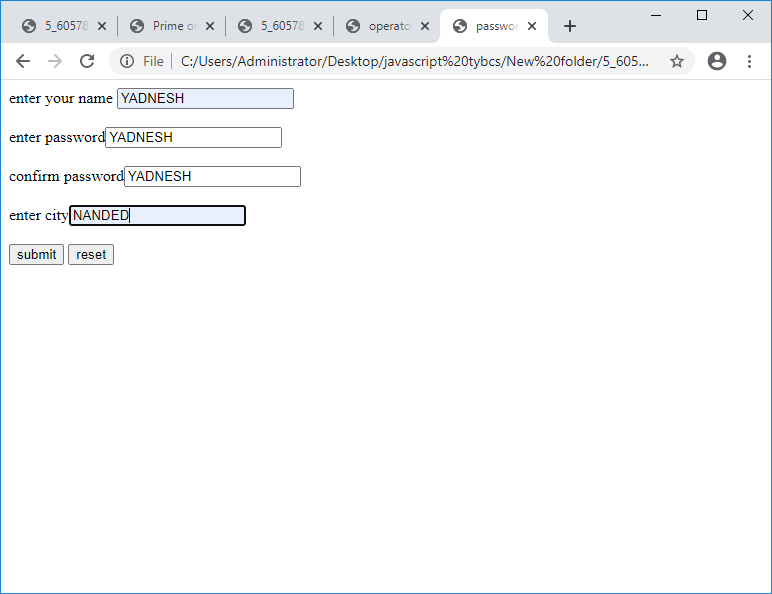
<button onclick="formvalidation()">submit</button>

<button>reset</button>

</form>

</body>

</html>



**24.JS SWITCH CASE**

<html>

<head>

<title> JavaScript Switch Case </title>

</head>

<h1> JavaScript Switch Case </h1>

<body>

<script>

var opertor = '/';

var a = 100, b = 20;

switch (opertor)

{

case '+':

document.write("Addition: " + (a + b));

break;

case '-':

document.write("Subtraction: " + (a - b));

break;

case '\*':

document.write("Multiplication: " + (a \* b));

break;

case '/':

document.write("Division: " + (a / b));

break;

case '%':

document.write("Module: " + (a % b));

break;

default:

document.write("<b> You have entered Wrong operator </b>");

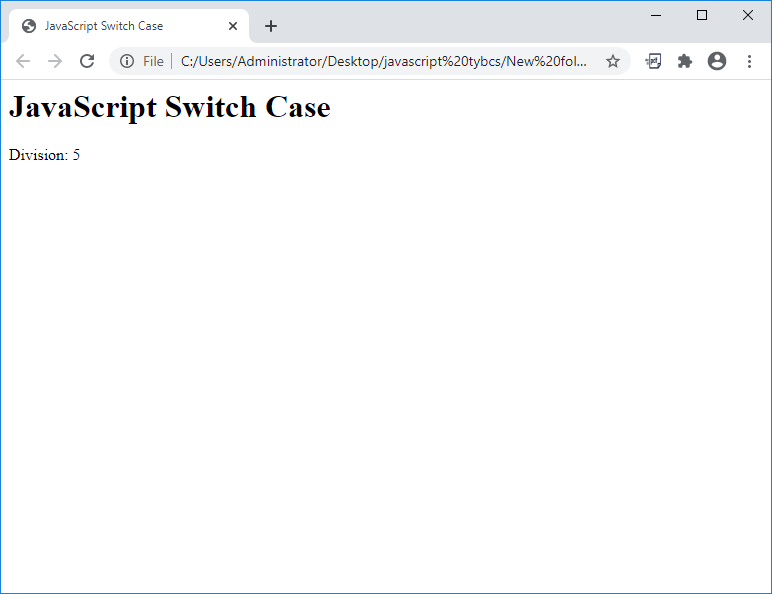
document.write("<br \> Please enter Correct operator such as +, -, \*, /, %");

}

</script>

</body>

</html>



25.math function

<html>

<head>

<tital>MATH</tital>

</head>

<body><!--( round,pow,random,abs, trunc )-->

<script type ="text/javascript">

var c=Math.round(12.9);

document.write(c+"<br>")

var i=Math.pow(5,3);

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

var j=Math.floor(Math.random()\*10)+1;

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

var k=Math.abs(-2.45);

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

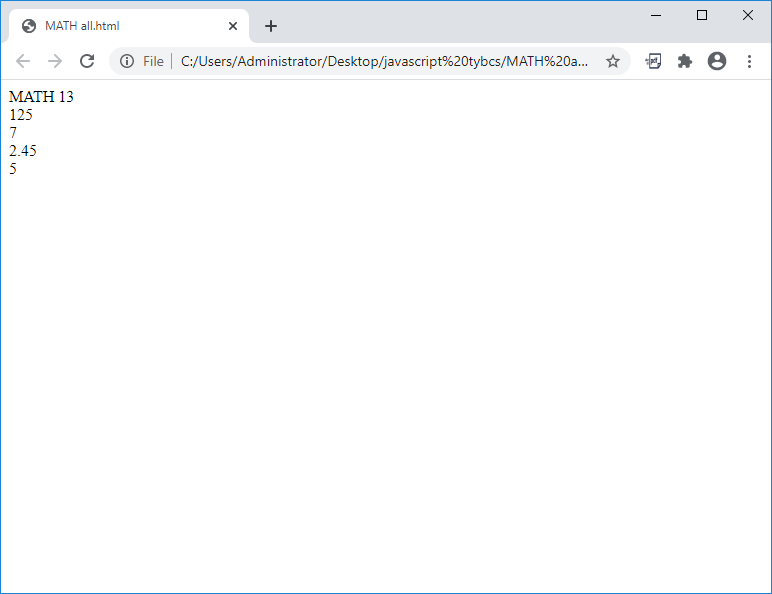
var d=Math.trunc(5.49);

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

</script>

</body>

</html>



26.uppercase

<html>

<head>

<title>string to upeercase</title>

</head>

<body>

<script language="javascript" type="text/javascript">

var str="WELOCME TO MGM";

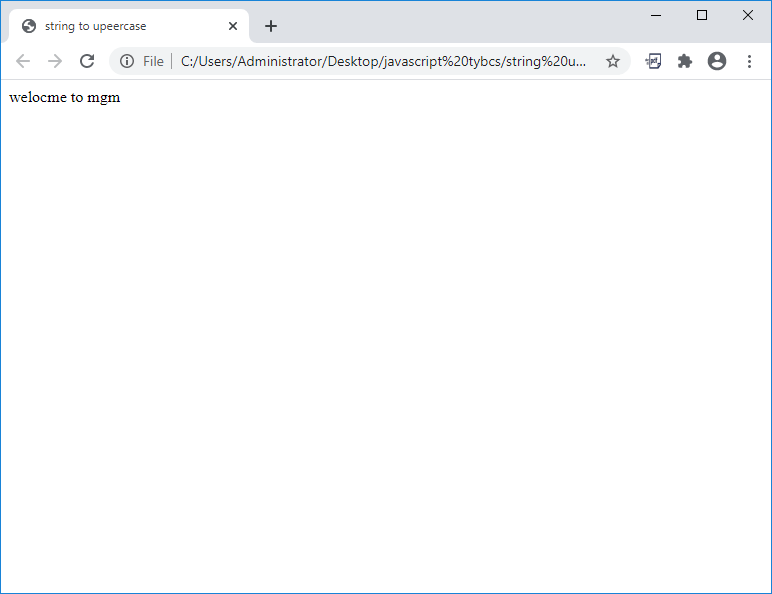
var abc=str.toLowerCase();

document.write(abc);

</script>

</body>

</html>

27.table

<html>

<head>

<title> five rows and three columns table

</title>

</head>

<body>

<h2 align="center" > Table </h2>

<table align="center" border>

<tr>

<th> Student Name </th>

<th> Roll No </th>

<th> Class </th>

<th> Subject </th>

<th> Marks</th>

</tr>

<tr>

<td> yadnesh </td>

<td> 10 </td>

<td> TY</th>

<td> Javascript </th>

<td> 88 </th>

</tr>

<tr>

<td> rohan </td>

<td> 11 </td>

<td> TY </td>

<td> Javascript </th>

<td> 77 </th>

</tr>

<tr>

<td> Mahesh </td>

<td> 12 </td>

<td> TY </td>

<td> Javascript </th>

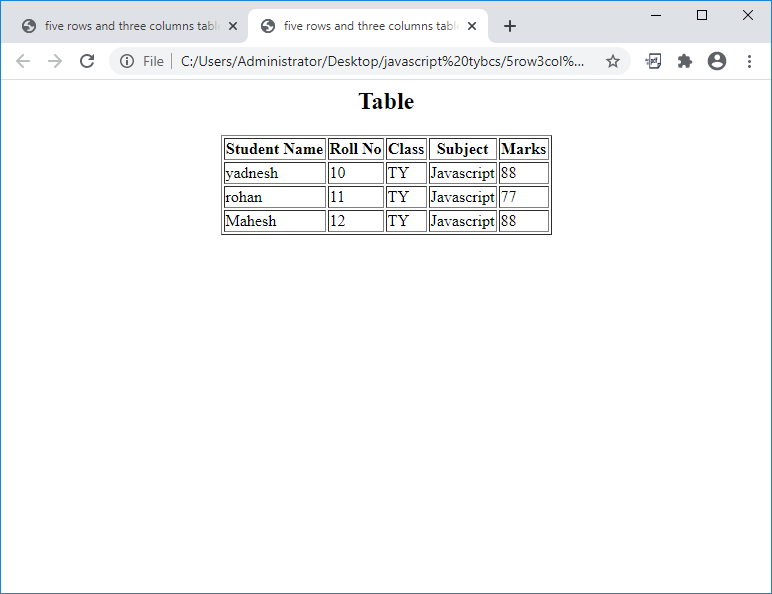
<td> 88 </th>

</tr>

</table>

</body>

</html>



28.function str

<html>

<body>

<script>

var str="javaScript is programing lanaguage";

var a=str.lastIndexOf("is");

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

var s="javaScript is programing lanaguage";

var b=s.indexOf("a");

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

var s="javaScript is programing lanaguage";

var c=s.match("lanaguage");

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

var s="javaScript is programing lanaguage";

var d=s.search("is");

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

var s="javaScript is programing lanaguage";

var e=s.replace("lanaguage","a");

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

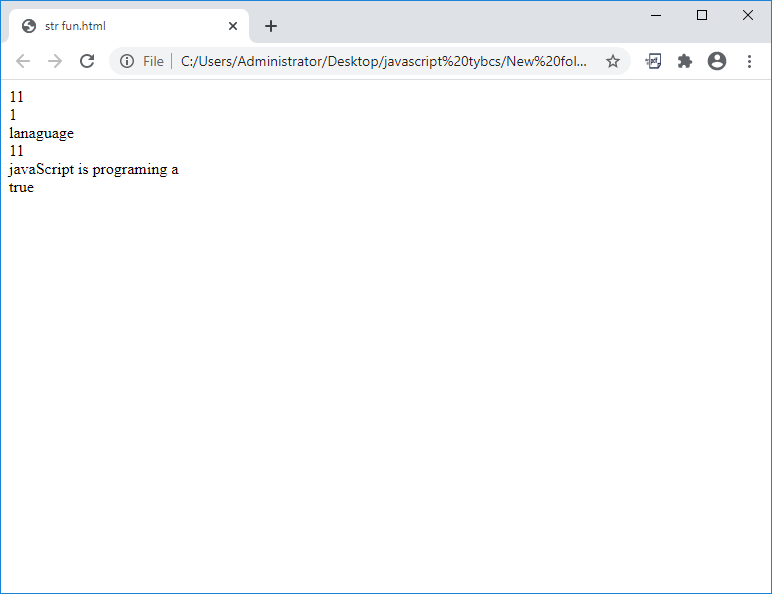
var f=s.includes("lanaguage","a");

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

</script>

</body>

</html>



29.str function ceil

<html>

<body>

<h2>JavaScript Math.ceil()</h2>

<p>Math.ceil() rounds a number <strong>up</strong> to its nearest integer:</p>

<p id="demo"></p>

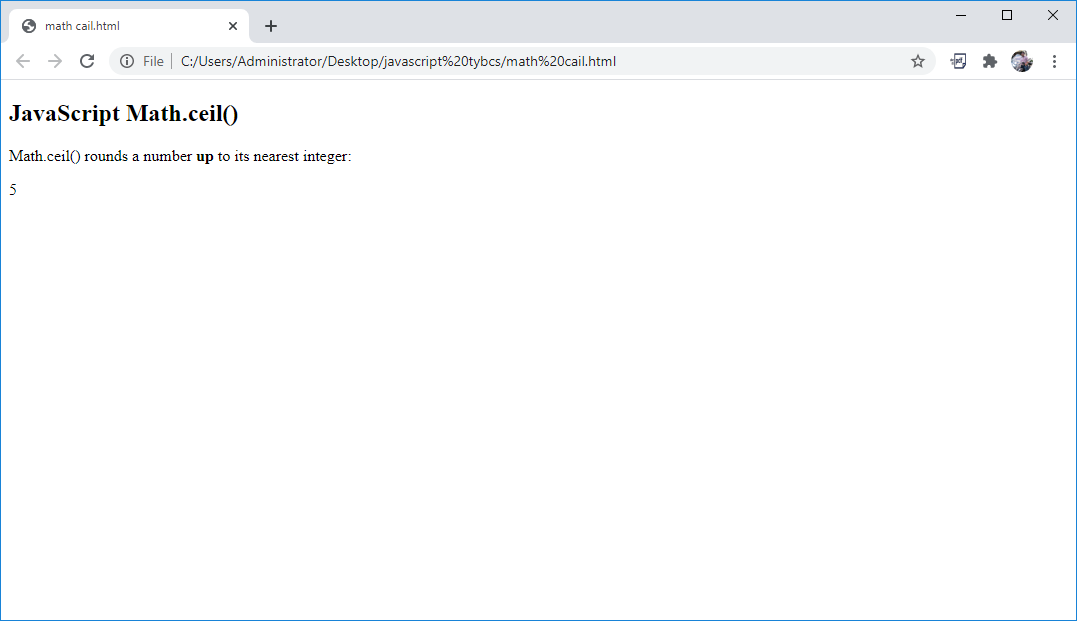
<script>

document.getElementById("demo").innerHTML = Math.ceil(4.4);

</script>

</body>

</html>



30.math cos

<html>

<body>

<h2>JavaScript Math.cos()</h2>

<p>Math.cos(x) returns the cosine of x (given in radians):</p>

<p>Angle in radians = (angle in degrees) \* PI / 180.</p>

<p id="demo"></p>

<script>

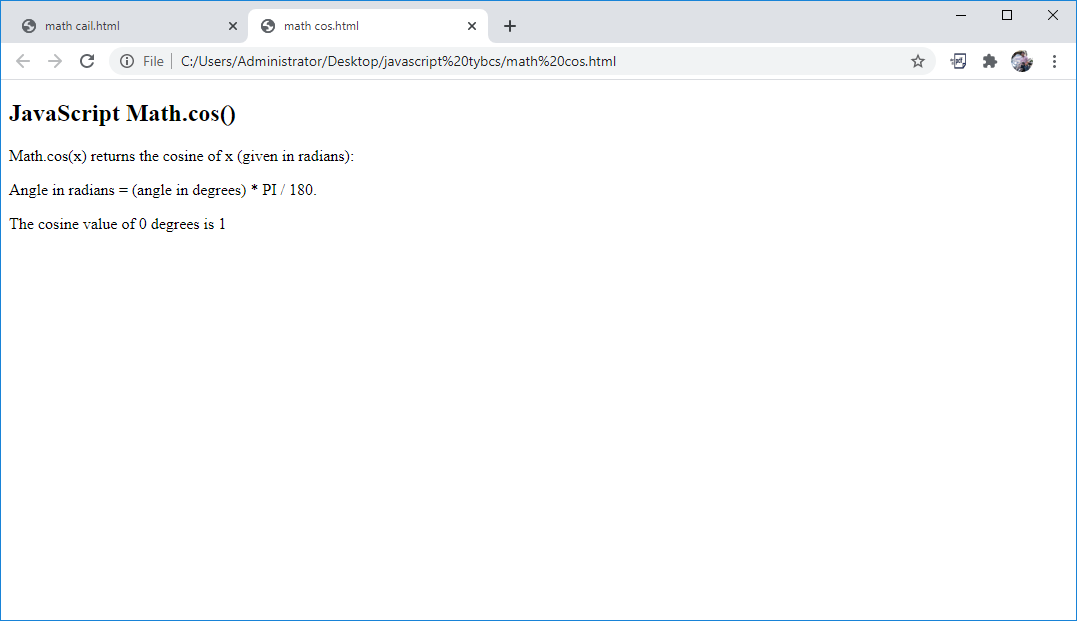
document.getElementById("demo").innerHTML =

"The cosine value of 0 degrees is " + Math.cos(0 \* Math.PI / 180);

</script>

</body>

</html>



31.str math floor fun

<html>

<body>

<h2>JavaScript Math.floor()</h2>

<p>Math.floor(x) returns the value of x rounded <strong>down</strong> to its nearest integer:</p>

<p id="demo"></p>

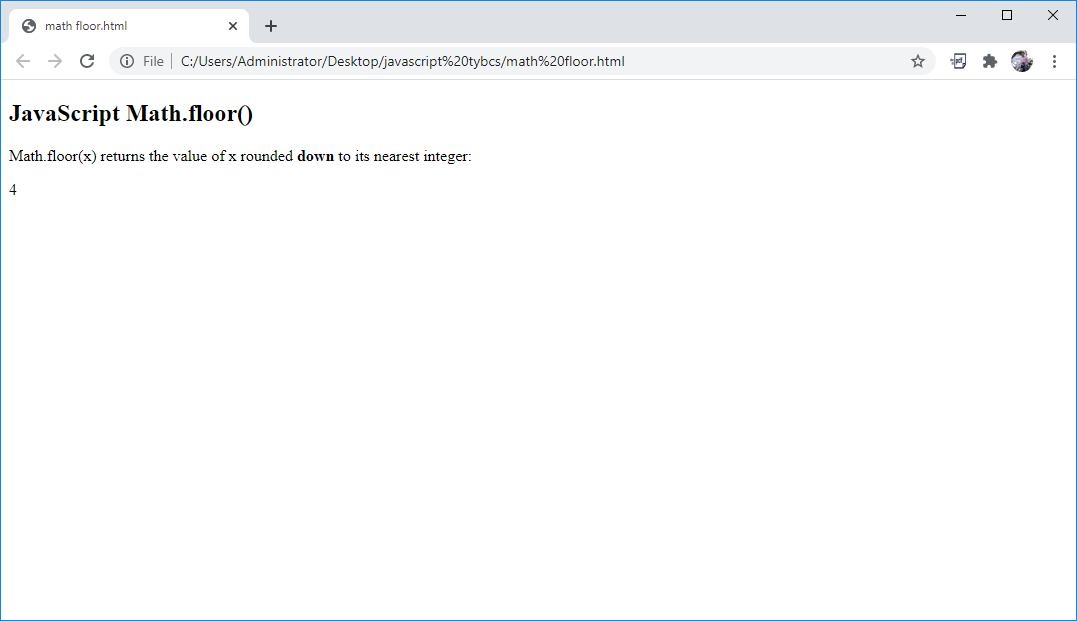
<script>

document.getElementById("demo").innerHTML = Math.floor(4.7);

</script>

</body>

</html>



32.math max fun

<html>

<body>

<h2>JavaScript Math.max()</h2>

<p>Math.max() returns the highest value in a list of arguments.</p>

<p id="demo"></p>

<script>

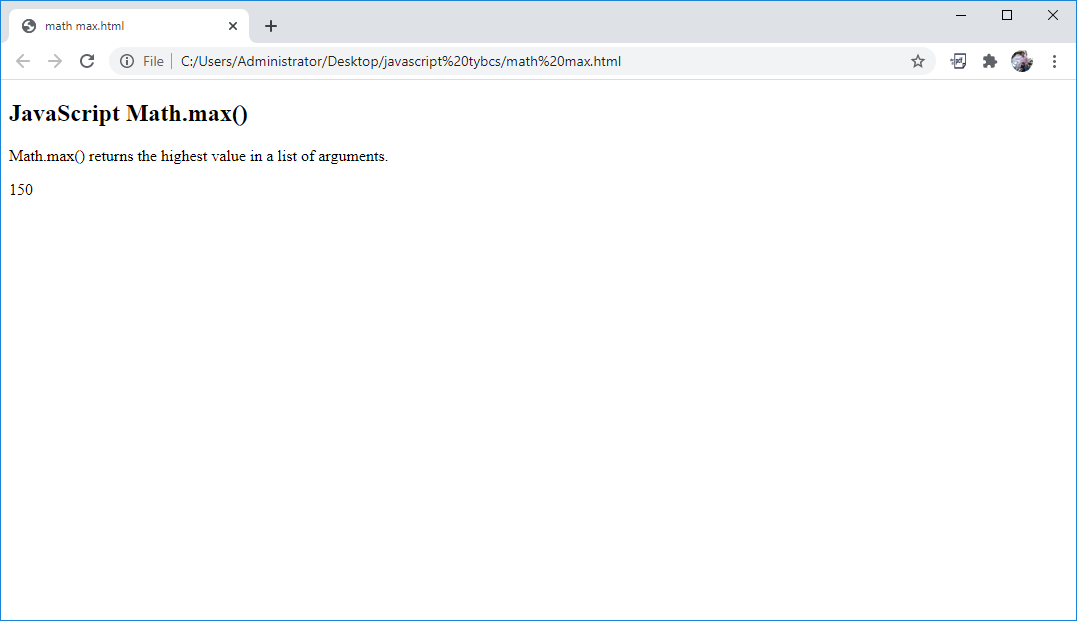
document.getElementById("demo").innerHTML =

Math.max(0, 150, 30, 20, -8, -200);

</script>

</body>

</html>



33.str fun min

<html>

<body>

<h2>JavaScript Math.min()</h2>

<p>Math.min() returns the lowest value in a list of arguments:</p>

<p id="demo"></p>

<script>

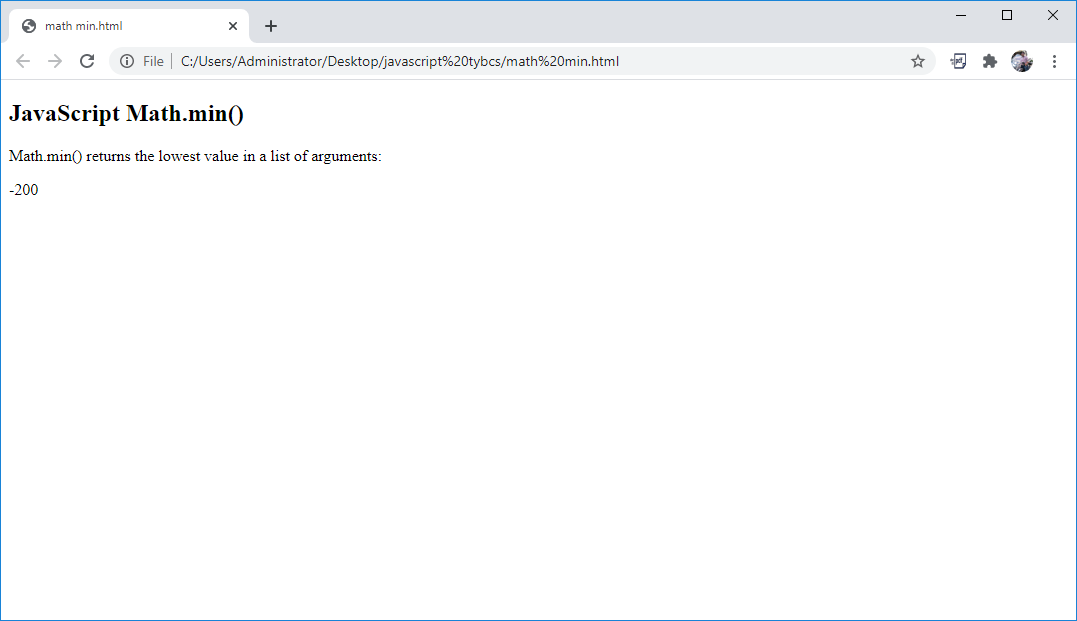
document.getElementById("demo").innerHTML =

Math.min(0, 150, 30, 20, -8, -200);

</script>

</body>

</html>



34.fun pi

<html>

<body>

<h2>JavaScript Math.PI</h2>

<p>Math.PI returns the ratio of a circle's circumference to its diameter:</p>

<p id="demo"></p>

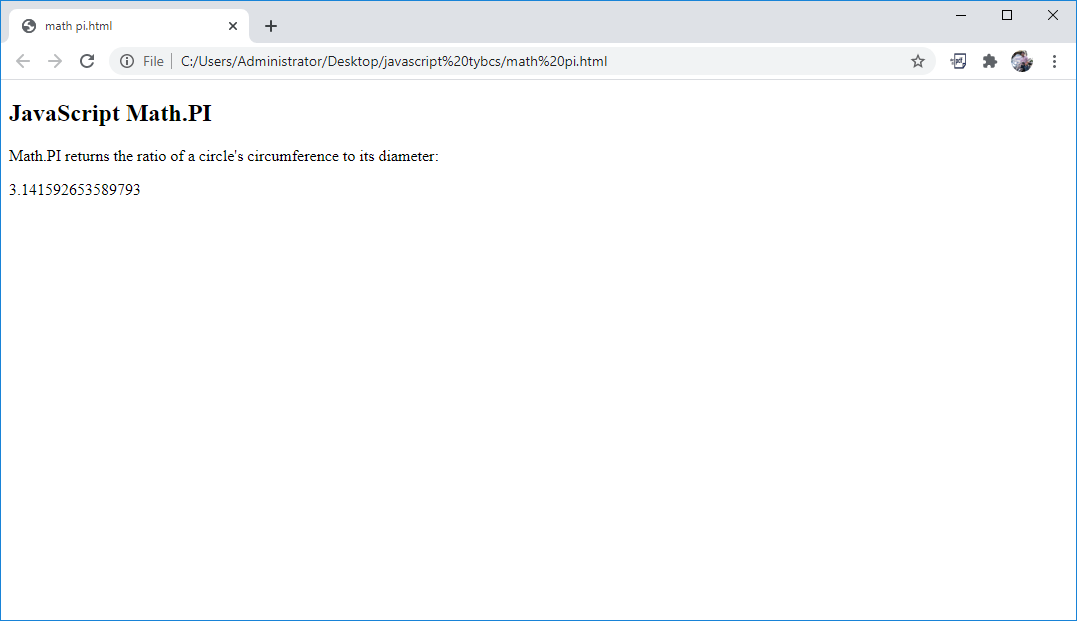
<script>

document.getElementById("demo").innerHTML = Math.PI;

</script>

</body>

</html>



35.math power fun

<html>

<body>

<h2>JavaScript Math.pow()</h2>

<p>Math.pow(x,y) returns the value of x to the power of y:</p>

<p id="demo"></p>

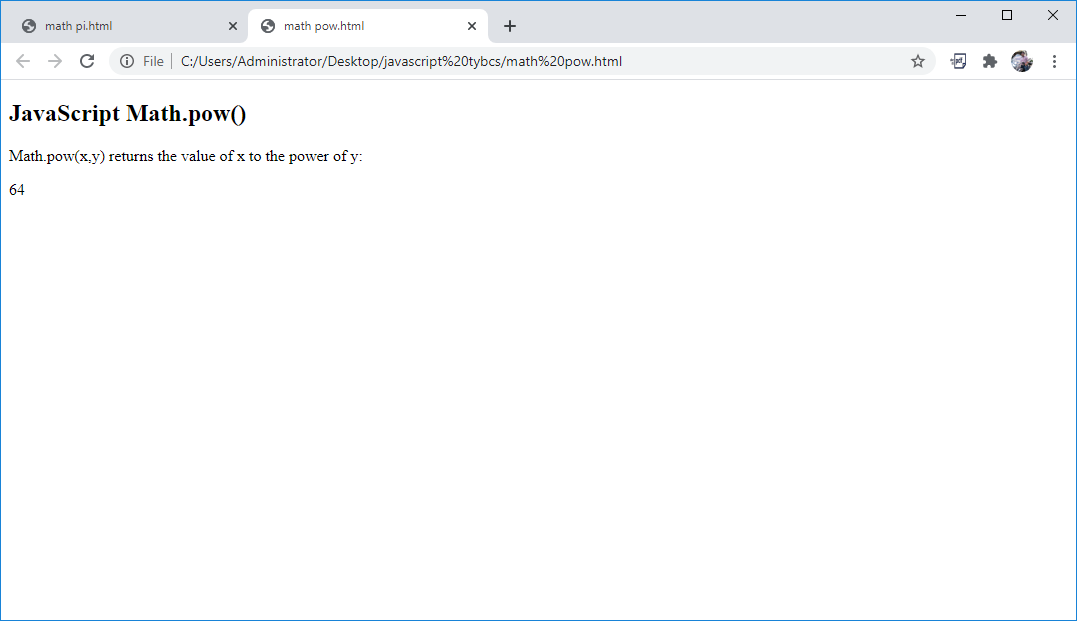
<script>

document.getElementById("demo").innerHTML = Math.pow(8,2);

</script>

</body>

</html>



36.math random fun

<html>

<body>

<h2>JavaScript Math.random()</h2>

<p>Math.random() returns a random number between 0 and 1:</p>

<p id="demo"></p>

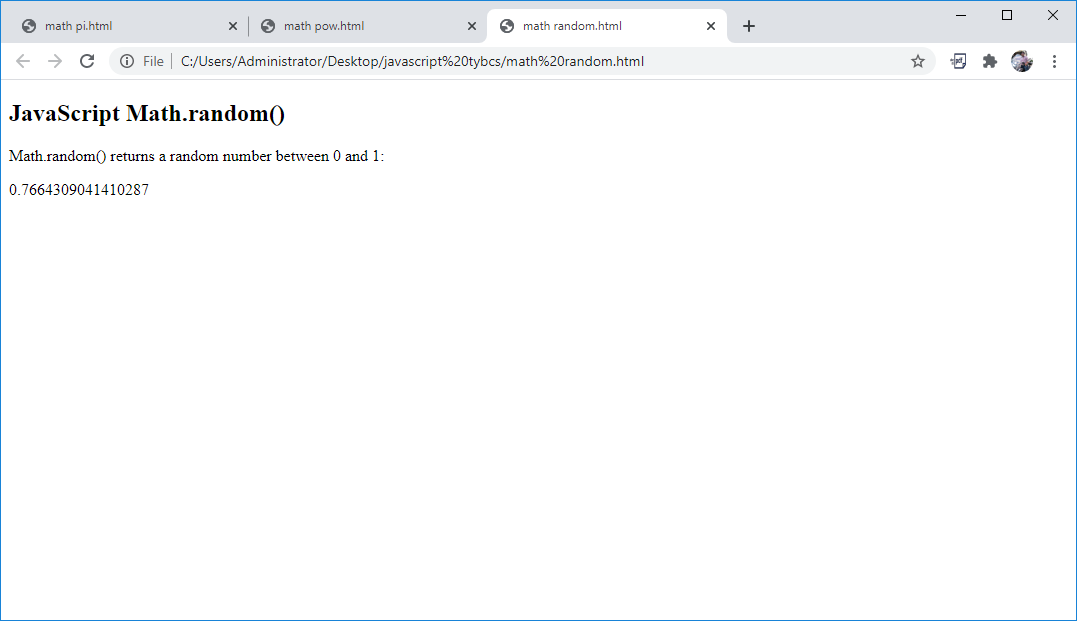
<script>

document.getElementById("demo").innerHTML = Math.random();

</script>

</body>

</html>



37.math round

<html>

<body>

<h2>JavaScript Math.round()</h2>

<p>Math.round(x) returns the value of x rounded to its nearest integer:</p>

<p id="demo"></p>

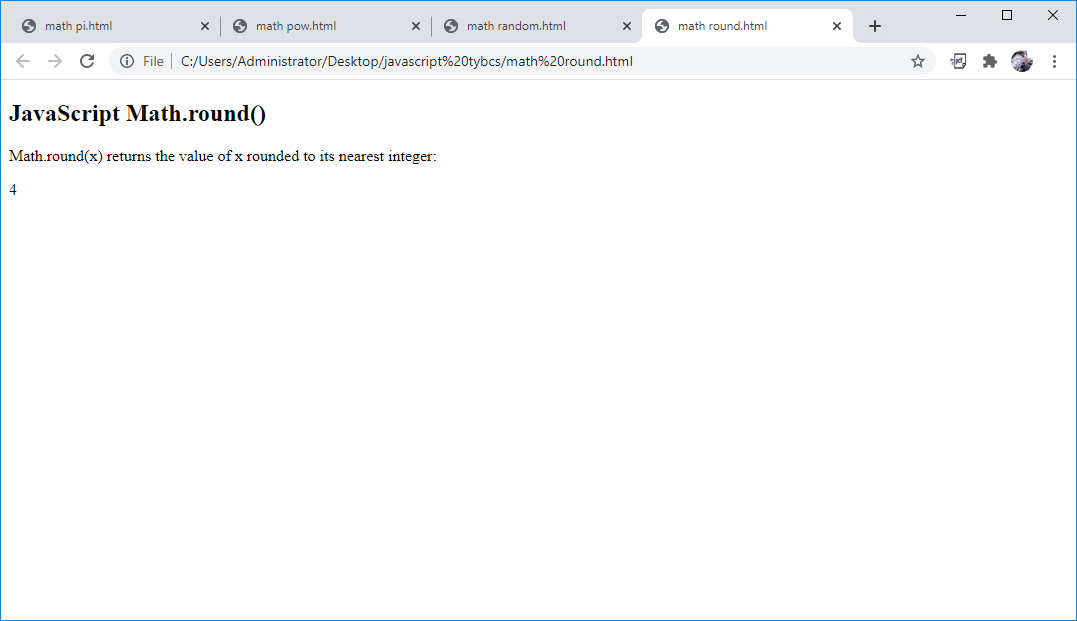
<script>

document.getElementById("demo").innerHTML = Math.round(4.4);

</script>

</body>

</html>



38.math str sin

<html>

<body>

<h2>JavaScript Math.sin()</h2>

<p>Math.sin(x) returns the sin of x (given in radians):</p>

<p>Angle in radians = (angle in degrees) \* PI / 180.</p>

<p id="demo"></p>

<script>

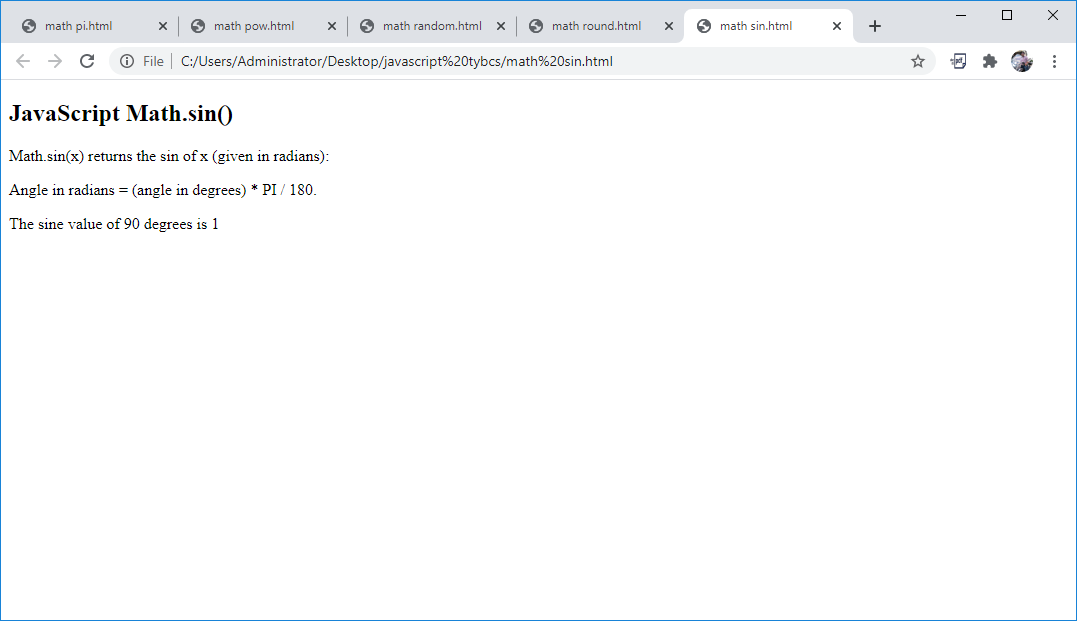
document.getElementById("demo").innerHTML =

"The sine value of 90 degrees is " + Math.sin(90 \* Math.PI / 180);

</script>

</body>

</html>



39.math method

<html>

<head>

<tital>math method </tital>

</head>

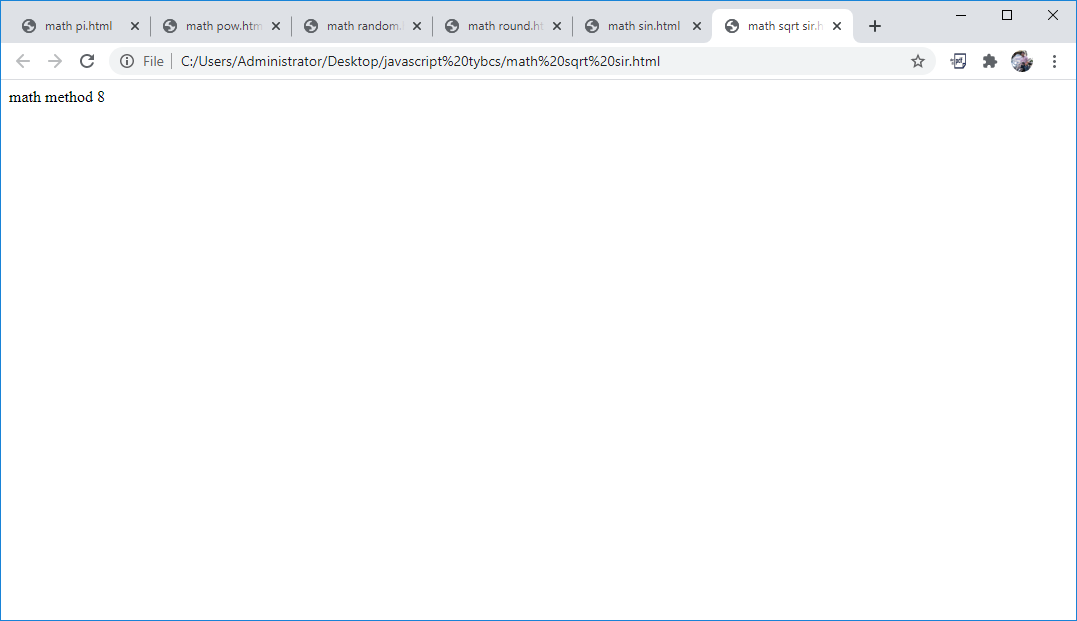
<script language="javascript"type="text/javascript">

var a=Math.sqrt(64);

document. write(a);

</script>

</html>



40.math method

<html>

<head>

<tital> MATH</tital>

</head>

<body><!--(cell,floor, round, trunc, max,min )-->

<script type ="text/javascript">

var a=Math.ceil(5.45);

document.write(a+"<br>")

var b=Math.floor(1.23);

document.write(b+"<br>")

var c=Math.round(12.9);

document.write(c+"<br>")

var d=Math.trunc(12.5);

document.write(d+"<br>")

var e=Math.min(12.5,23,-89);

document.write(e+"<br>")

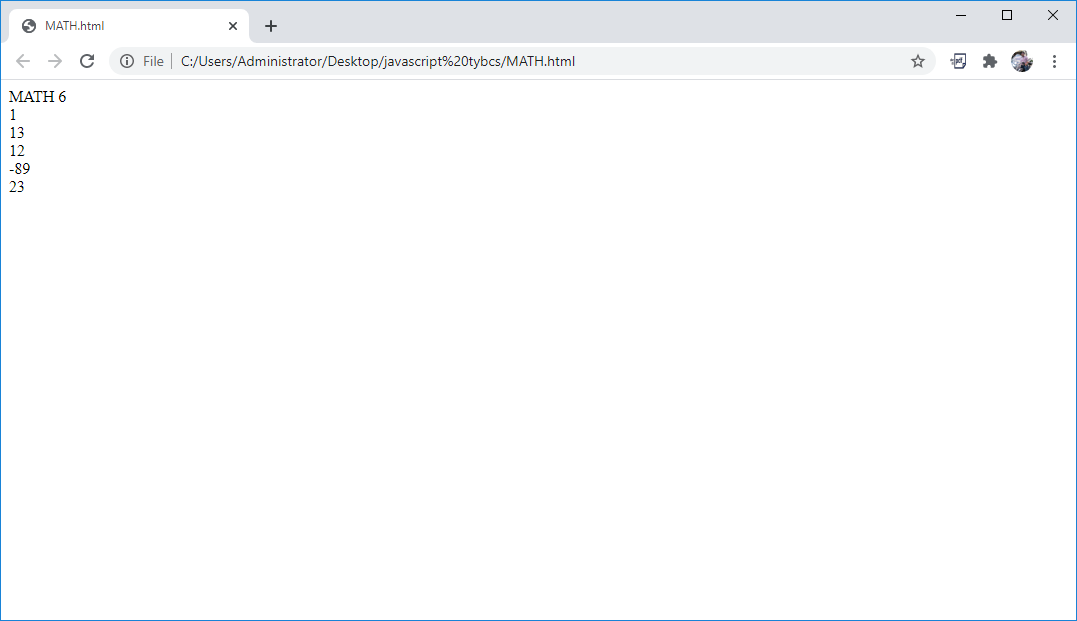
var f=Math.max(12.5,23,-89);

document.write(f+"<br>")

</script>

</body>

</html>



41math abs .

<html>

<body>

<h2>JavaScript Math.abs()</h2>

<p>Math.abs(x) returns the absolute (positive) value of x:</p>

<p id="demo"></p>

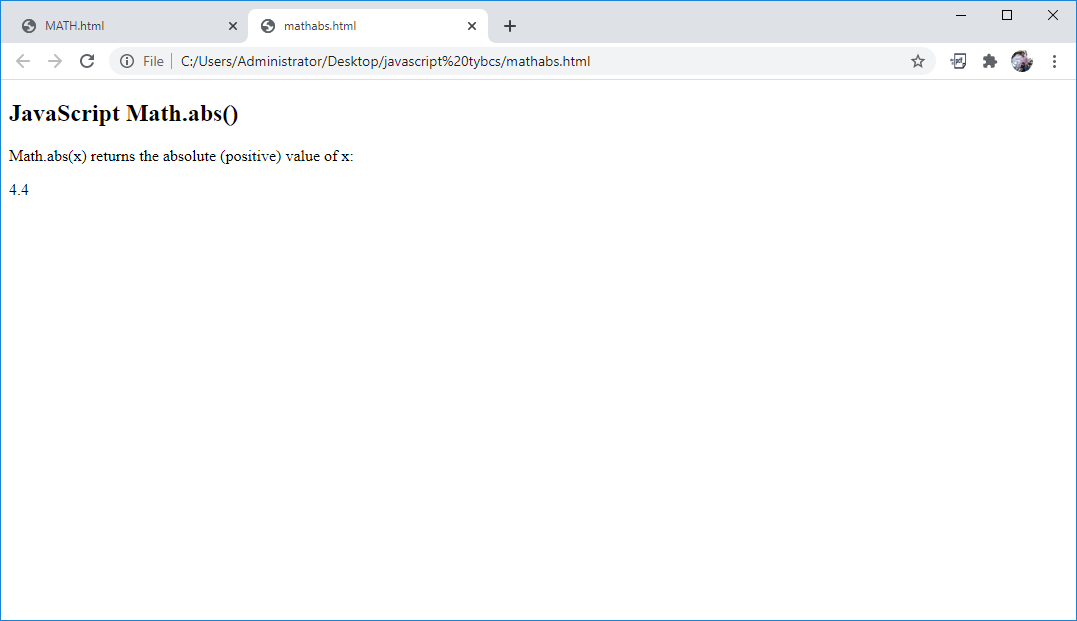
<script>

document.getElementById("demo").innerHTML = Math.abs(-4.4);

</script>

</body>

</html>



41.multi of table

<html>

<head>

</head>

<body>

<table border="0" style="margin: 0 auto; width:500px">

<tr>

<td colspan="2"><h2>Multiplication Of Table</h2></td>

</tr>

<tr>

<td width="28%">Enter a Number : </td>

<td><input type="number" onchange="printTable(this)"></td>

</tr>

<tr>

<td colspan="2"><span id="mul"></span></td>

</tr>

</table>

<script>

function printTable(num)

{

var input = num.value;

if(!isNaN(input)) {

var table="";

var number="";

for(i=1;i<=10;i++) {

number = input \* i;

table += input + " \* " + i + " = " + number + "<br/>";

}

document.getElementById("mul").innerHTML = table;

}

else {

document.getElementById("mul").innerHTML = "Please Enter a valid Number";

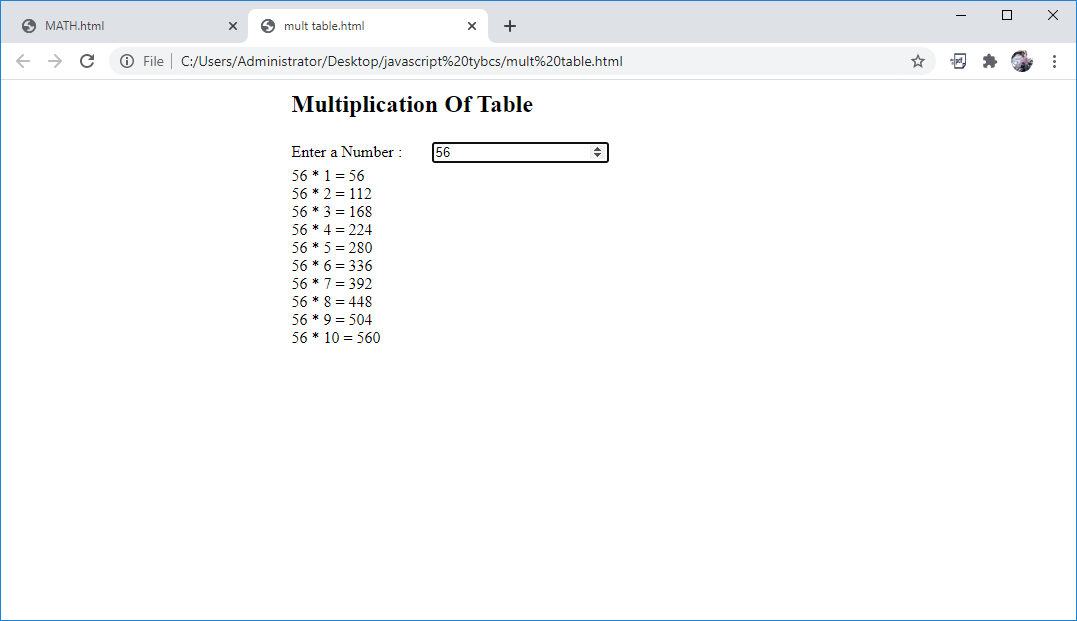
}

}

</script>

</body>

</html>



43.math str fun

<html>

<body>

<script language="javascript" type="text/javascript">

var a= "javascript programming language,";

document .write (a.split (" "));

document .write ("<br>");

var b= "hello world";

document .write (b.repeat(2));

document .write ("<br>");

var c= "javascript programming language,";

document .write (c.slice (0,8));

document .write ("<br>");

var d= "this are string function in javascript..";

document .write (d.substr(2,7));

document .write ("<br>");

var e=" this are string function in javascript ";

document .write (e.substr (3,6));

document .write ("<br>");

var f= "javascript";

document .write (f.substring(1,4));

document .write ("<br>");

var g= " hello this is javascript.. ";

document .write (g.tostring ());

document .write ("<br>");

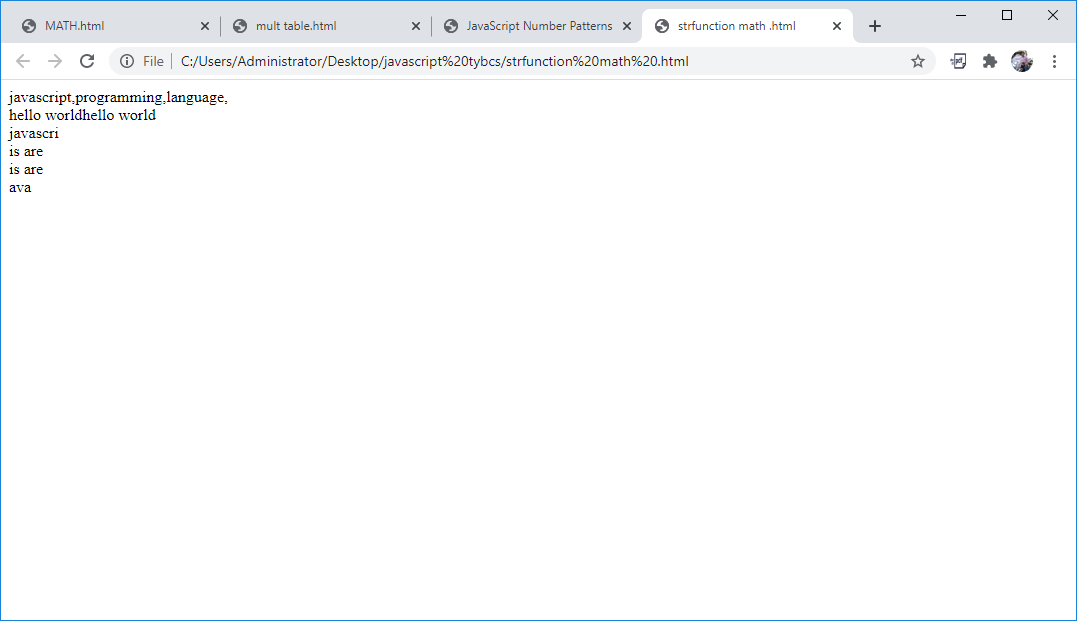
var h="javascript programming language,";

document .write (h.valueof());

</script>

</body>

</html>



44.switch caseusing button

<html>

<head>

<title>switching</title>

<script type="text/javascript">

function abc() {

var num=Number(prompt("enter a no."));

switch(num)

{

case 0:

document.write("red");

break;

case 1:

document.write("blue");

break;

case 2:

document.write("grey");

break;

case 3:

document.write("black");

break;

default:

document.write("invalid color");

break;

}

}

</script>

</head>

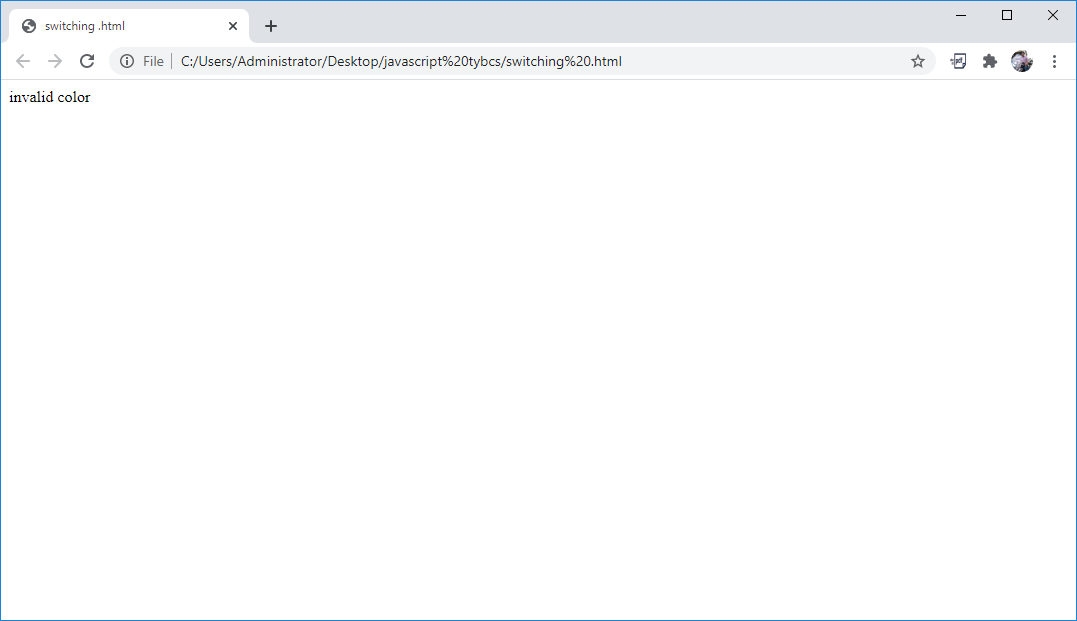
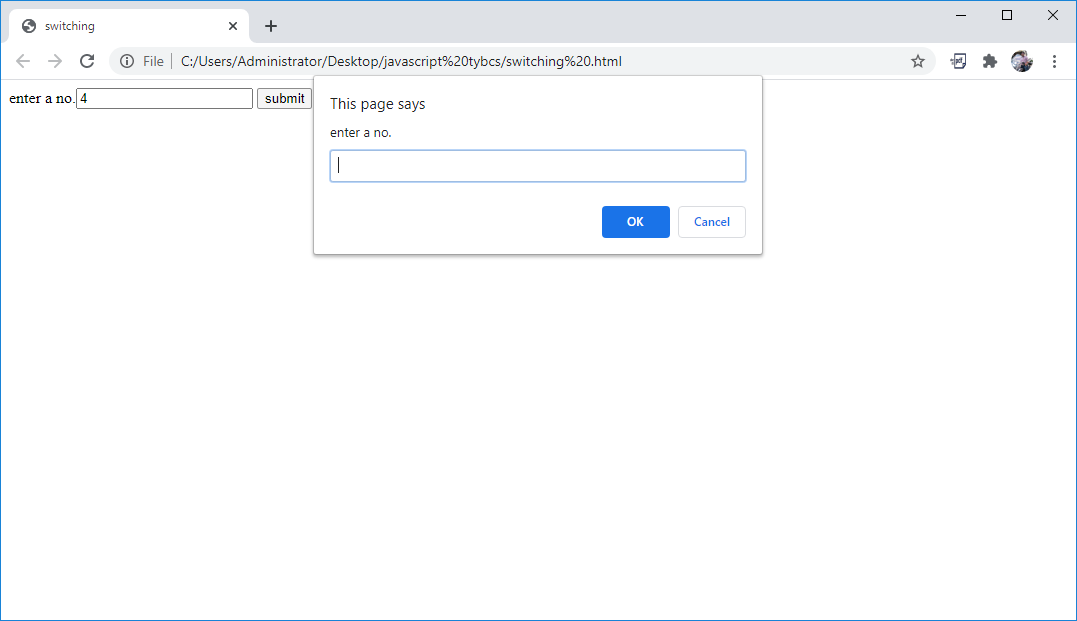
<body>

enter a no.<input type="text">

<button onclick="abc()">submit</button>

</body>

</html>



confirm function

<html>

<head>

<script language="javascript" type="text/javascript" >

function alertfunction()

{

a=prompt("enter you city");

confirm(a);

}

</script>

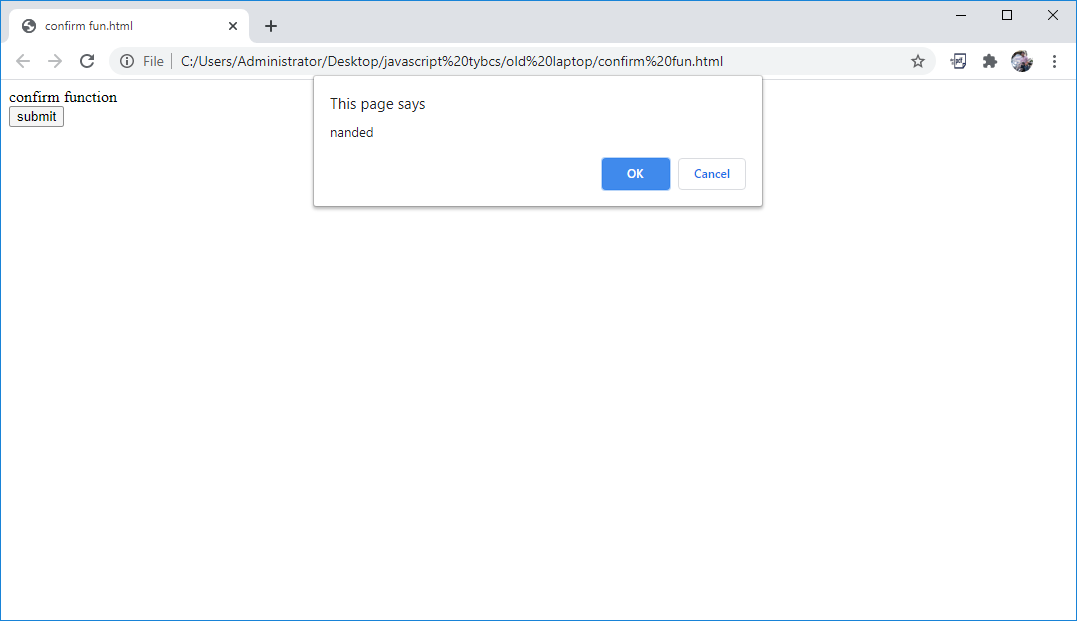
</head>

<form>

<input type="button"value="submit"onclick="alertfunction()">

</form>

</html>



.javascript dialogeubox

<html>

<body>

<h2>JavaScript Dialogue box</h2>

<button onclick="myFunction()">Try it</button>

<script>

function myFunction() {

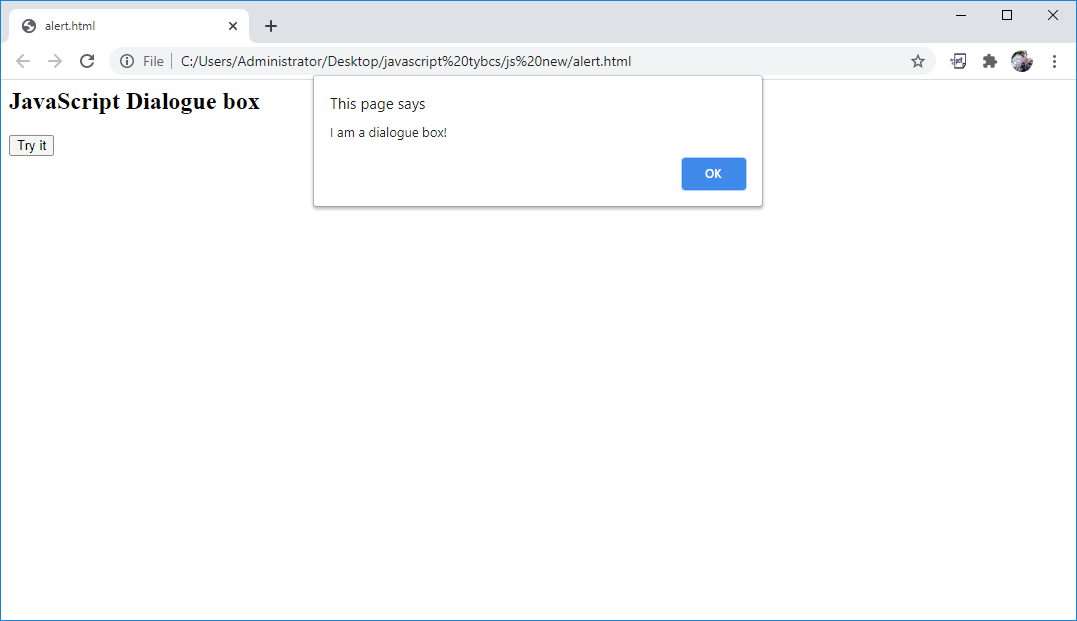
alert("I am a dialogue box!");

}

</script>

</body>

</html>



.array 1

<html>

<head>

<script language="javascript" type="text/javascript">

var id = [106,107,108];

document.write(id[0]+"<br>");

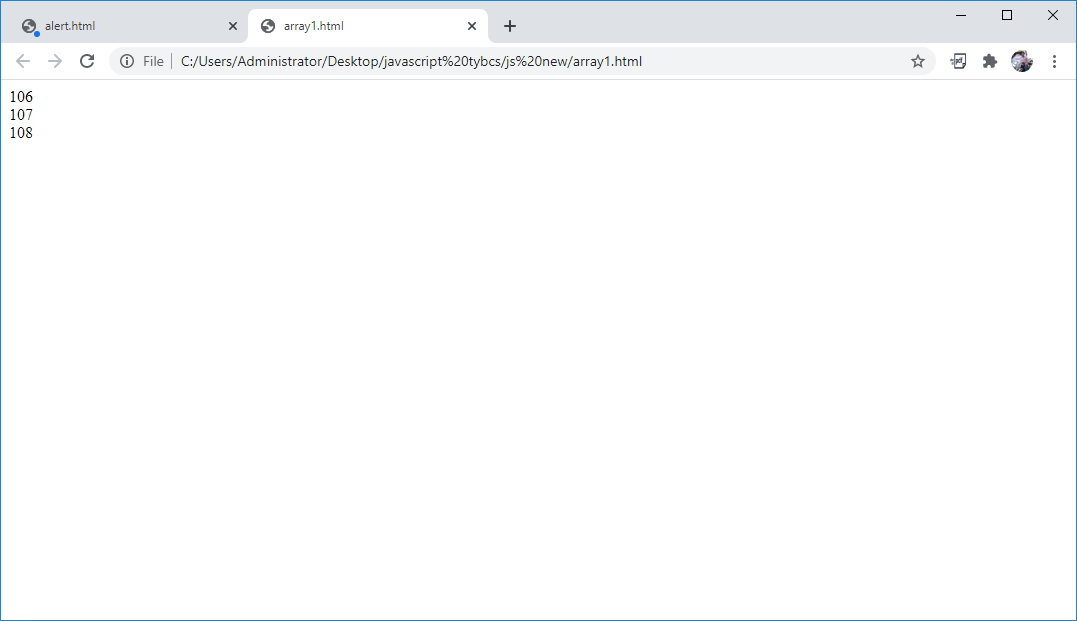
document.write(id[1]+"<br>");

document.write(id[2]+"<br>");

</script>

</head>

</html>



.array 3dim

<html>

<head>

<script language="javascript" type="text/javascript">

var id = [['101','102','103','104'],['201','202','203','204'],['301','302','303','304']];

for(var i=0; i<=3;i++)

{

for(var j=0; j<=3;j++)

{

for(var k=0;k<=3;k++)

{

document.write(id[i][j][k]+"<br>");

}

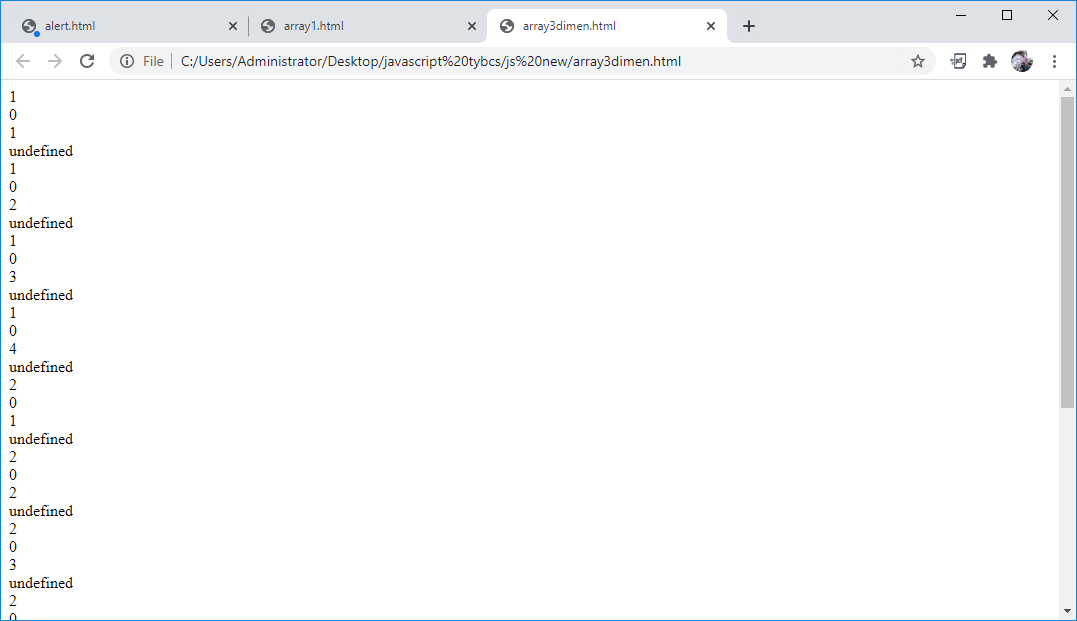
}

}

</script>

</head>

</html>



. /WAP on click event

<html>

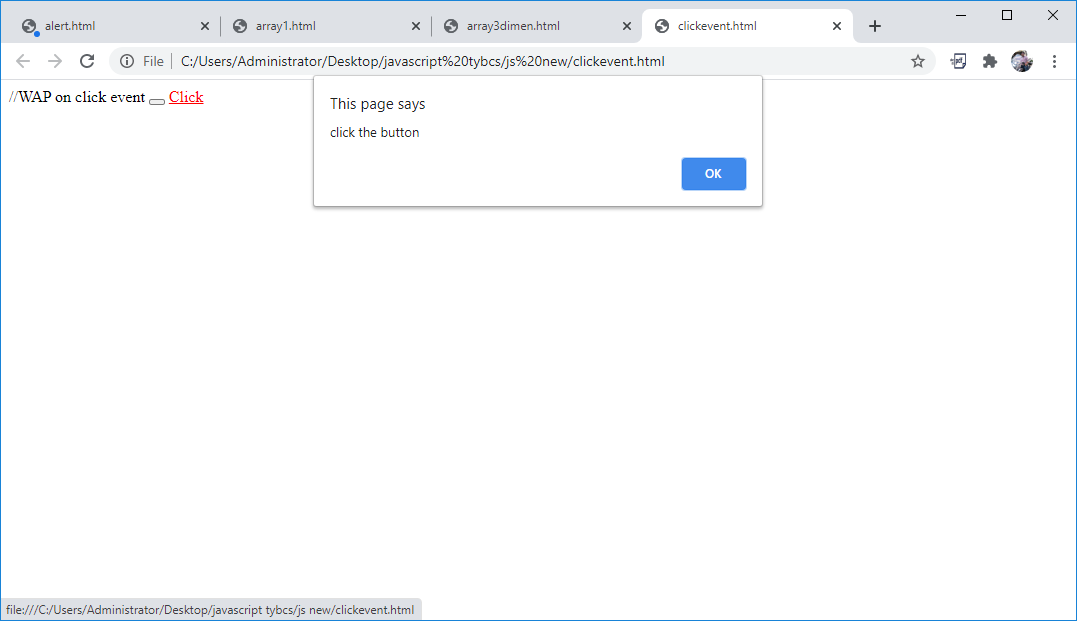
<body>

<button type ="button" value="Enter" onclick="alert('click the button');"></button>

<a href="" onclick="alert('click the button');">Click</a>

</body>

</html>



End switch using try button

<html>

<body>

<p>javascript is programming language</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "javascript is programming language";

var n = str.endsWith("language");

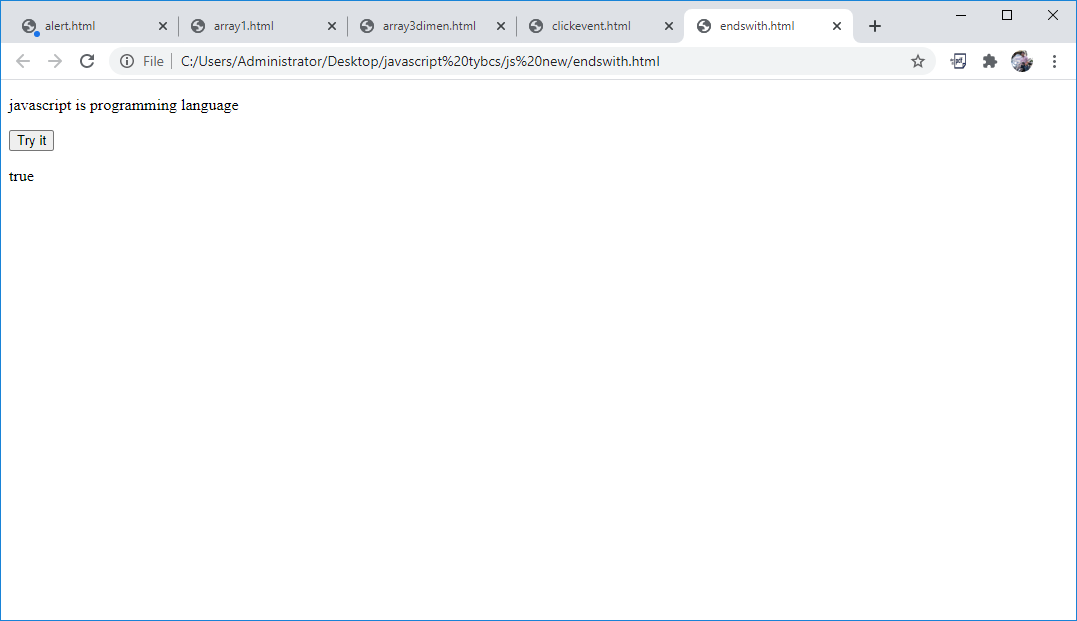
document.getElementById("a").innerHTML = n;

}

</script>

</body>

</html>



Fibonacci series Upto 50

<html>

<body>

<head>

<script type="text/javascript">

var var1 = 0, var2 = 1, var3;

document.write("Fibonacci series Upto 50 : ");

while(var1<50)

{

document.write(var1 + " ");

var3 = var1+var2;

var1 = var2;

var2 = var3;

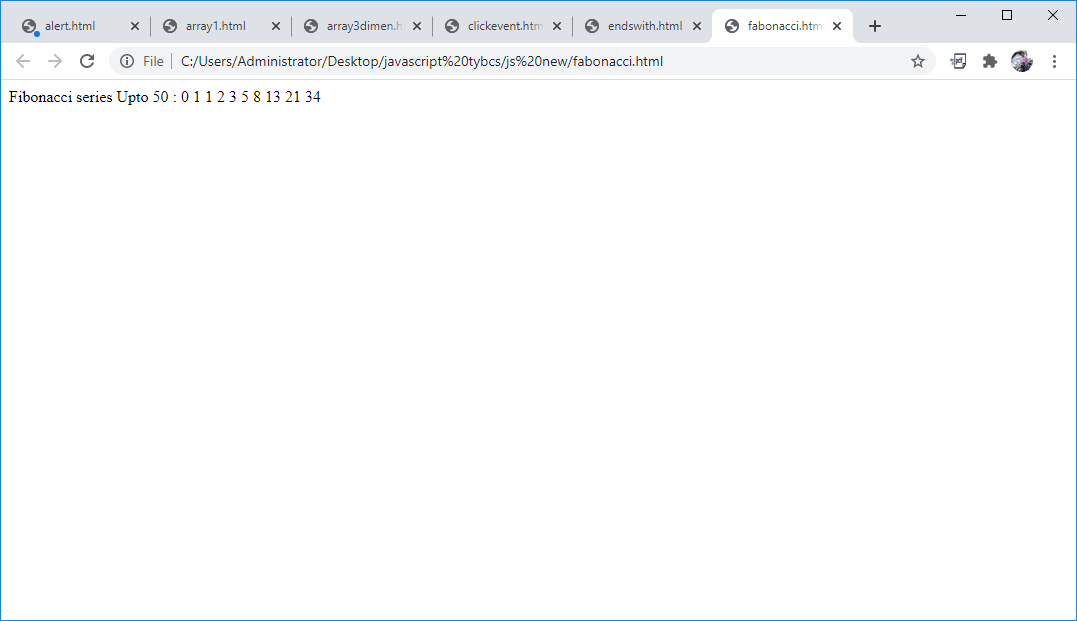
}

</script>

</head>

</body>

</html>



<html>

<head>

<title>

Hello world using button control

</title>

<script language="javascript" type="text/javascript">

function factfun()

{

var i, no, fact;

fact = Number(1);

no = Number(document.getElementById("a").value);

for(i=1;i<=no;i++)

{

fact = fact \* i;

}

document.getElementById("answer").value=fact;

}</script>

</head>

<body><form method="GET">

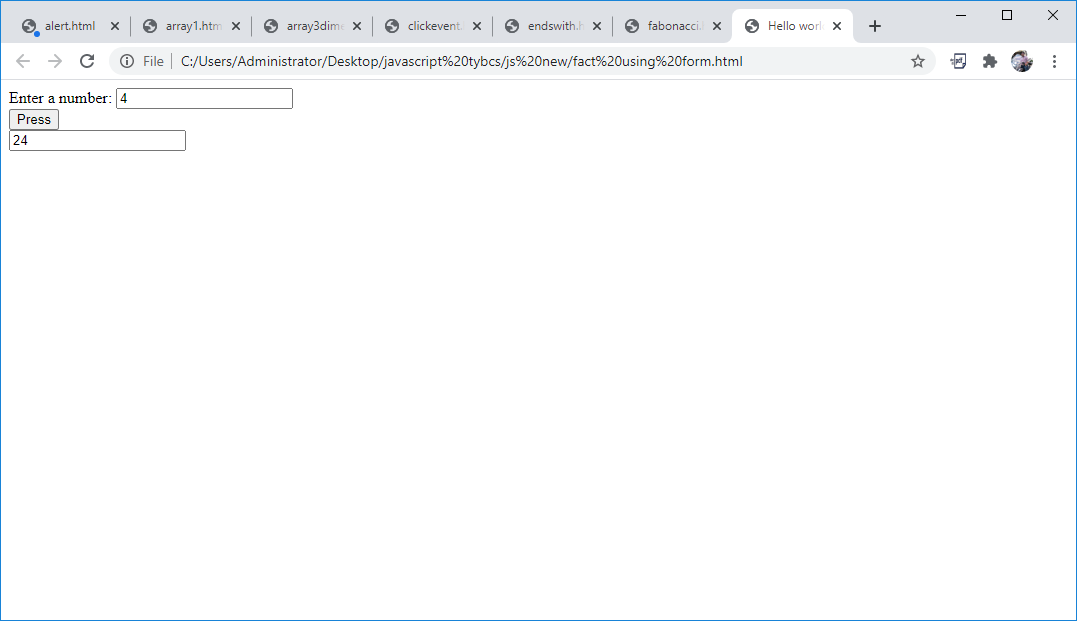
Enter a number: <input type="text" id="a"><br>

<input type="button" value="Press" onclick="factfun()"><br>

<input id="answer">

</form> </body>

</html>



Factors with recursive fun

<html>

<head>

<script language="javascript" type="text/javascript">

function factorial(x)

{

if (x == 0)

{

return 1;

}

else

{

return x \* factorial(x - 1);

}

}

var num = prompt("Enter a number: ");

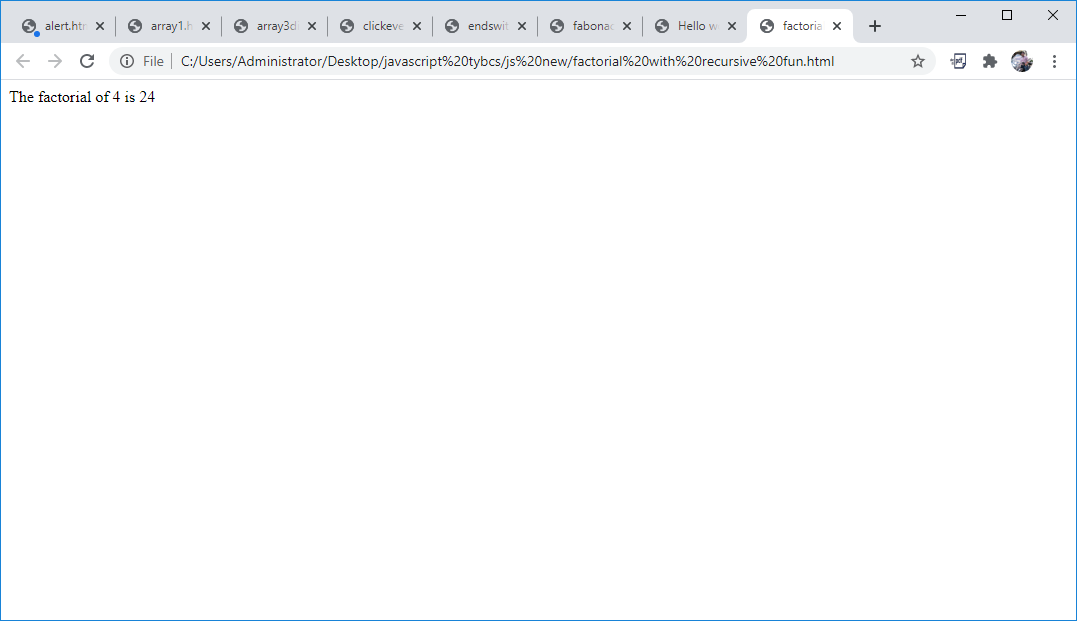
var result = factorial(num);

document.write("The factorial of "+num+" is "+result);

</script>

</head>

</html>



//WAP for handling focus events

<html>

<body>

Enter name: <input type="text" onfocus="fun(this)">

<script>

function fun(text1)

{

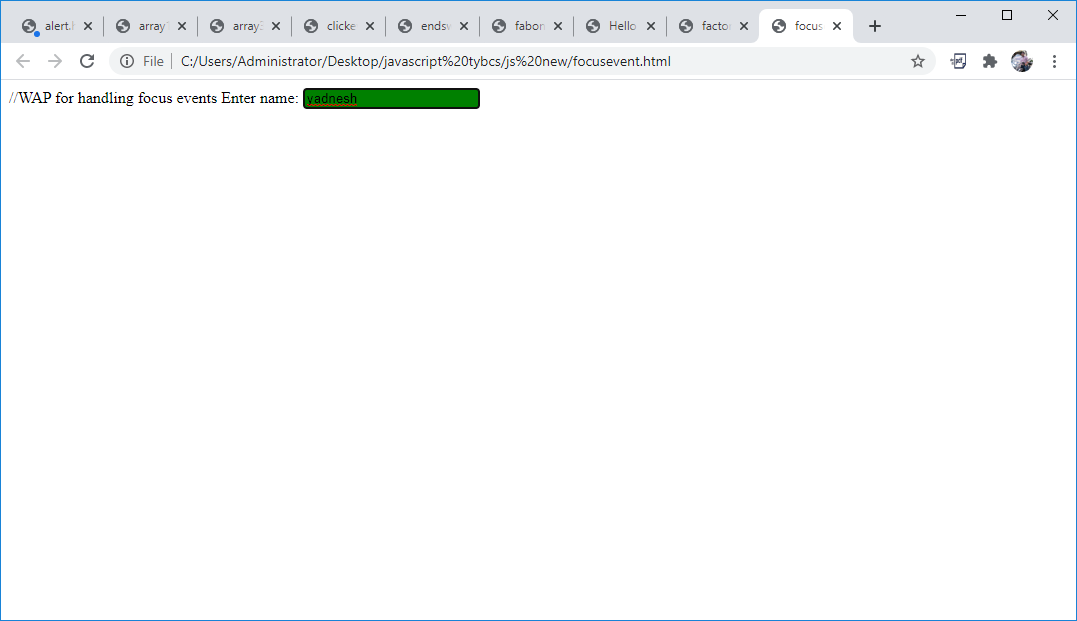
text1.style.background = "green";

}

</script>

</body>

</html>



<HTML>

<HEAD>

<TITLE>Form Handeling program</TITLE>

<SCRIPT language="javascript" type="text/javascript">

function validate()

{

var name, password1;

name=document.getElementById("nm").value;

password1=document.getElementById("pass").value;

if(name == "abcd" && password1 == "1234")

{

document.writeln("Login successful");

document.writeln("<br>Your username: "+name);

document.writeln("<br>Your password: "+password1);

}

else

{

alert("Login failed");

}

}

</SCRIPT>

</HEAD>

<BODY>

<FORM>

Username: <input type="text" name="nm" id="nm"><br>

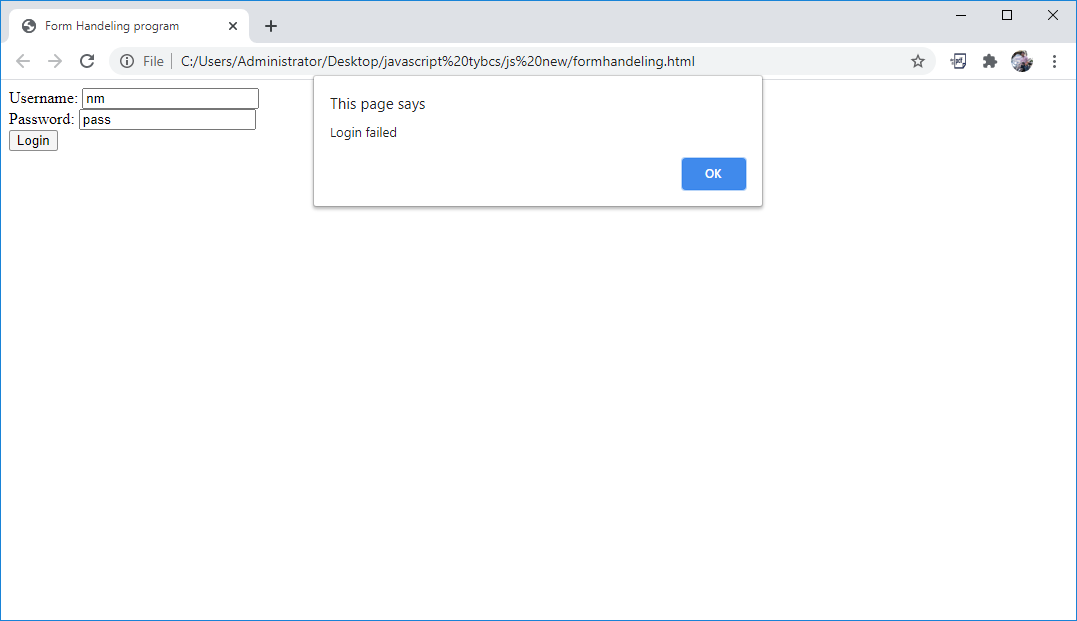
Password: <input type="text" name="pass" id="pass"><br>

<input type="button" value="Login" onclick="validate()">

</FORM>

</BODY>

</HTML>



<html>

<body>

<p>javascript is programming language</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "javascript is programming language";

var n = str.includes("programming");

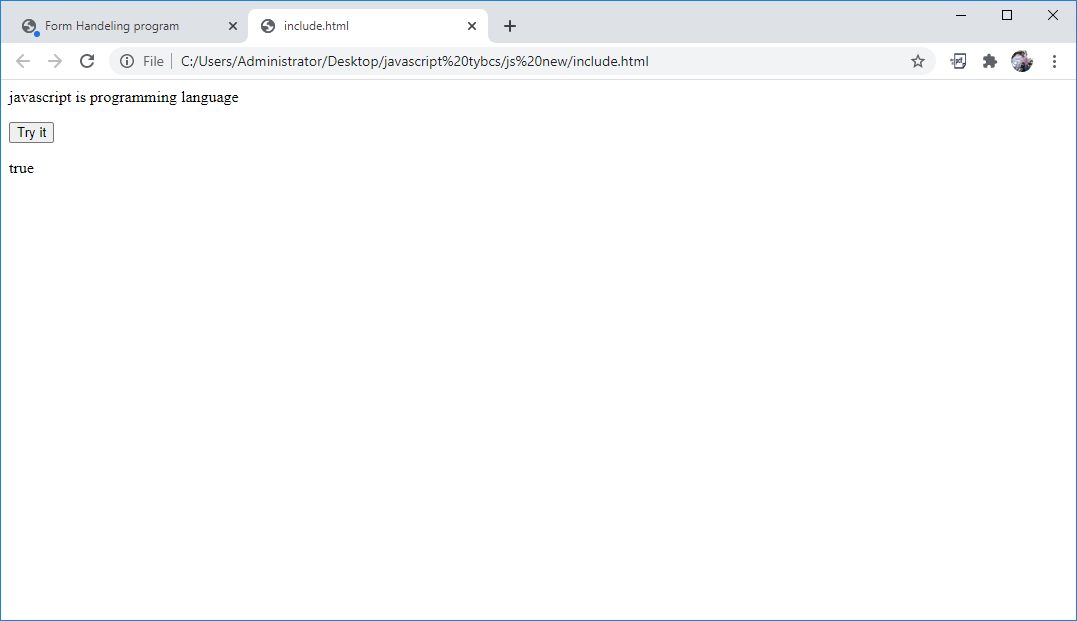
document.getElementById("a").innerHTML = n;

}

</script>

</body>

</html>



Str Index of

<html>

<body>

<p>javascript is programming language</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "javascript is programming language";

var n = str.indexOf("is");

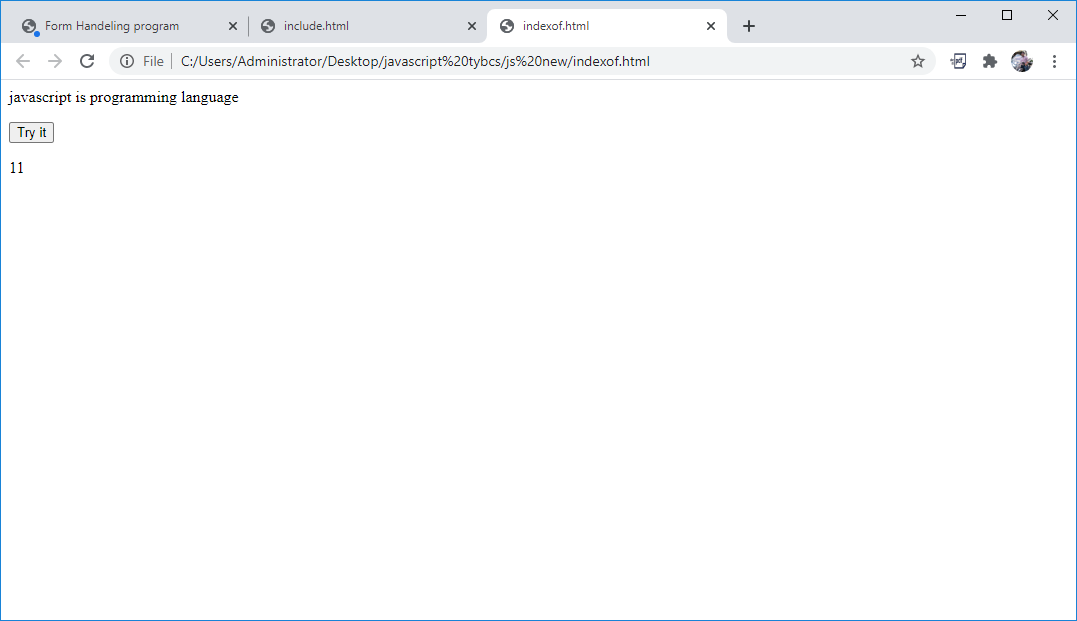
document.getElementById("a").innerHTML = n;

}

</script>

</body>

</html>



Integer type

<html>

<body>

<p id="demo"></p>

<script>

var x1 = 34; //integer

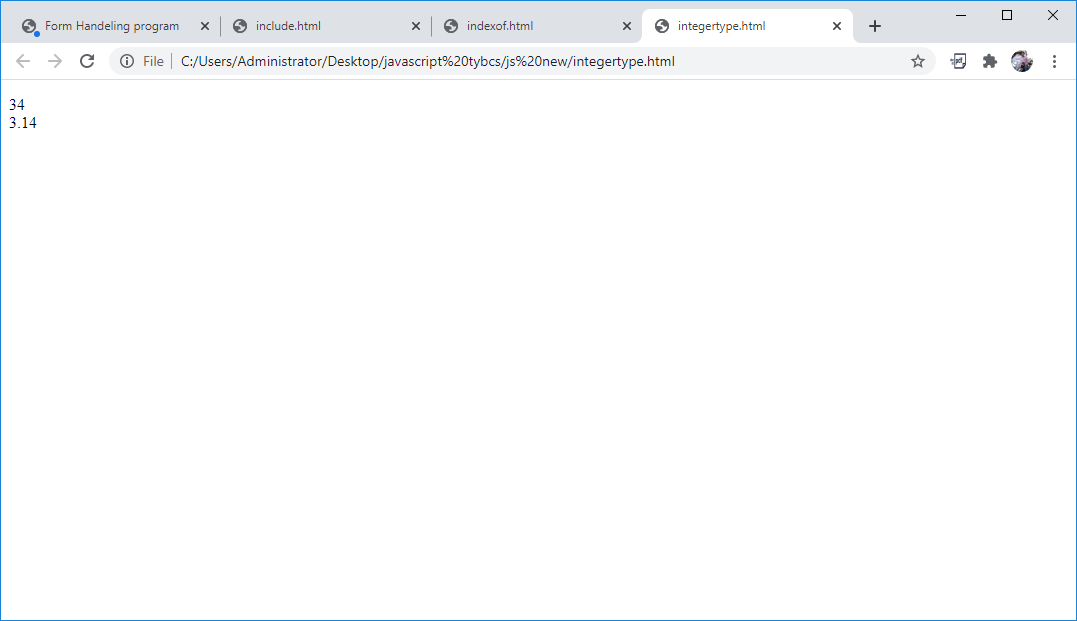
var x2 = 3.14; //float

document.getElementById("demo").innerHTML = x1 + "<br>" + x2 ;

</script>

</body>

</html>



Last index of str fun

<html>

<body>

<p>javascript is programming language</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "javascript is programming language";

var n = str.lastIndexOf("programming");

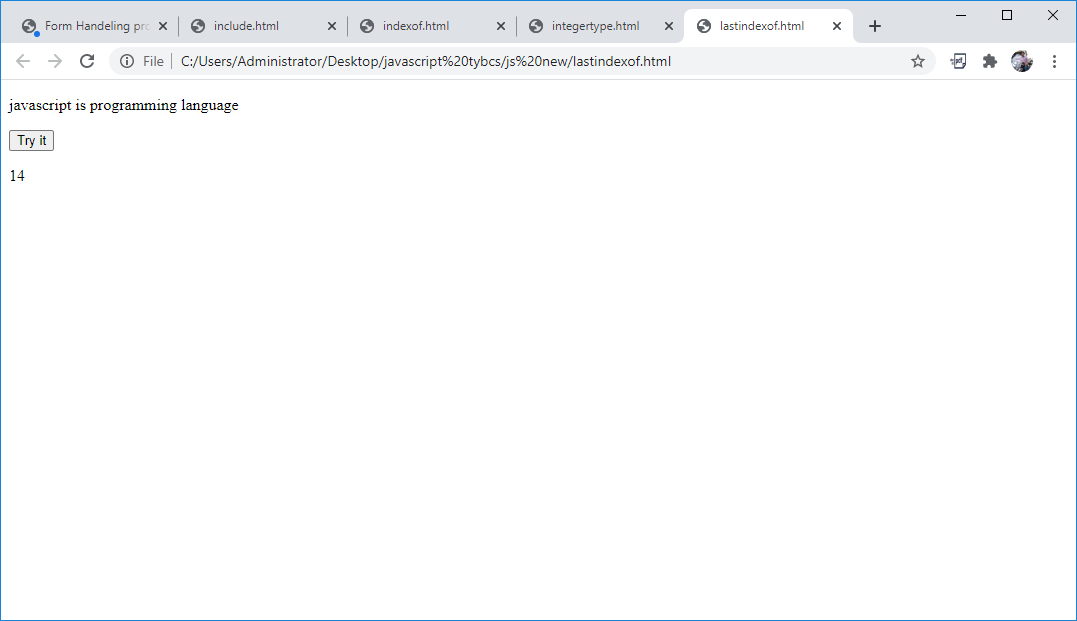
document.getElementById("a").innerHTML = n;

}

</script>

</body>

</html>



Length str fun

<html>

<body>

<p>javascript is programming language</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "javascript is programming language";

var n = str.length;

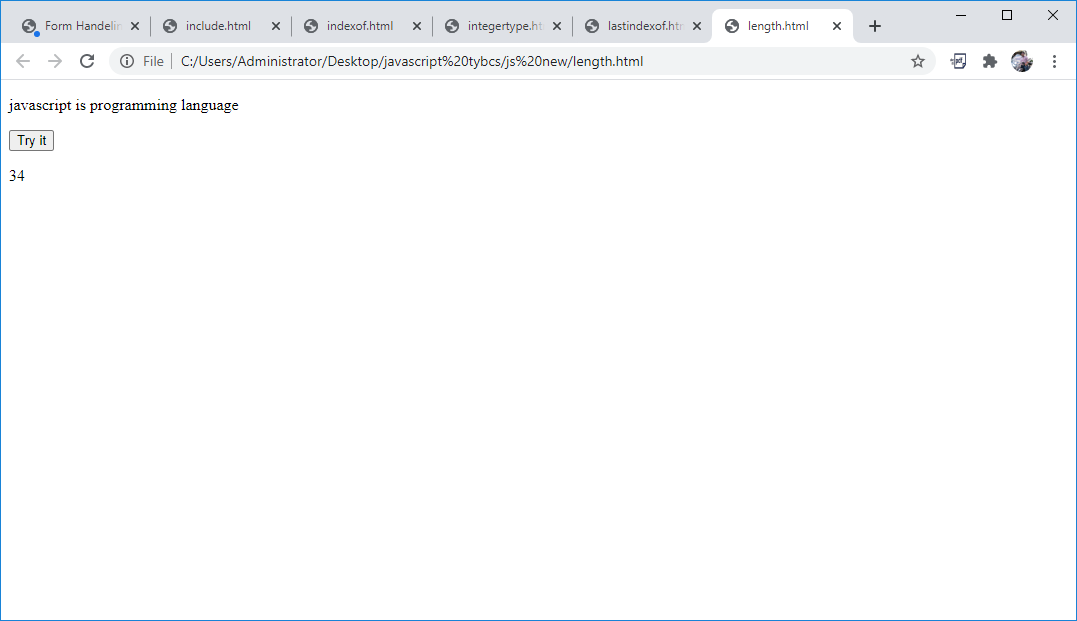
document.getElementById("a").innerHTML = n;

}

</script>

</body>

</html>



Lower case str

<html>

<body>

<p>JAVASCRIPT IS A PROGRAMMING LANGUAGE</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "JAVASCRIPT IS A PROGRAMMING LANGUAGE";

var res = str.toLowerCase();

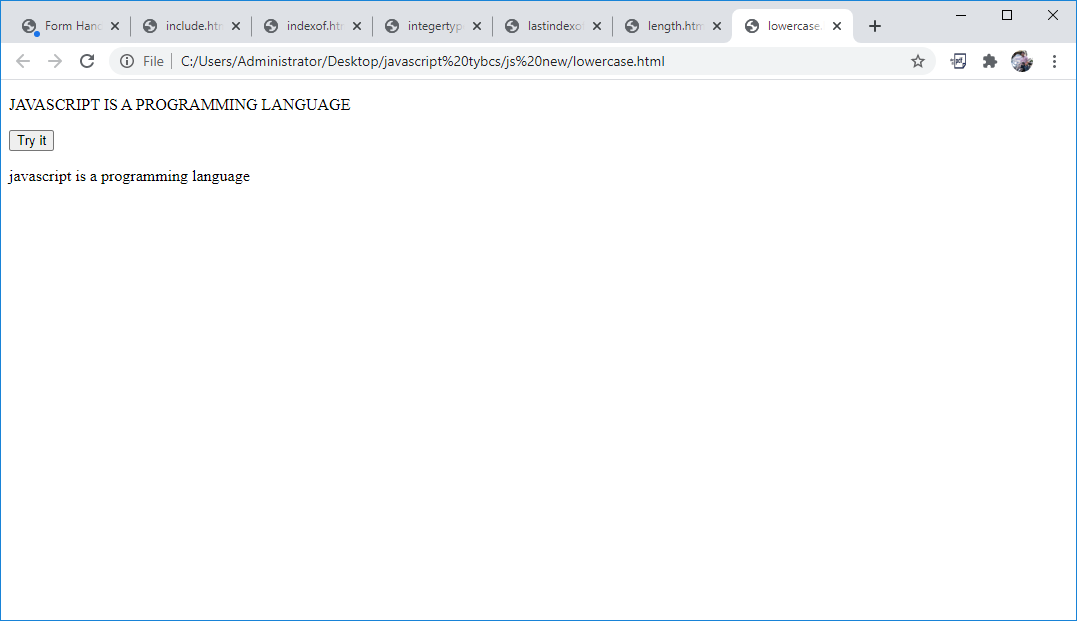
document.getElementById("a").innerHTML = res;

}

</script>

</body>

</html>



WAP on keypress event

<html>

<body>

<input type="text" onkeypress="fun()">

<script>

function fun()

{

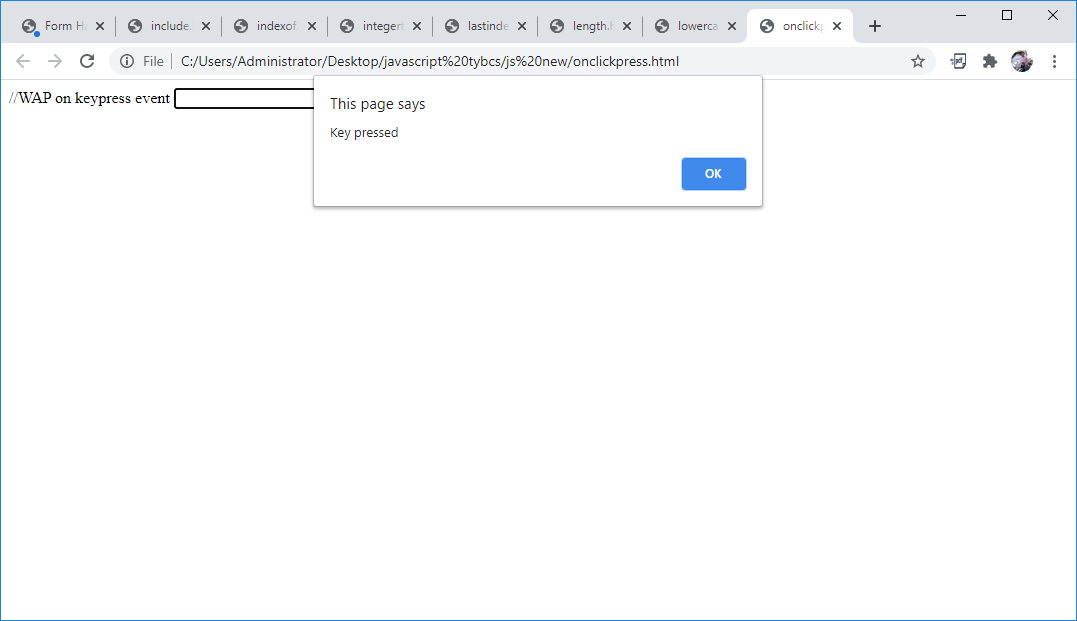
alert("Key pressed");

}

</script>

</body>

</html>



//WAP for keydown event

<html>

<body>

Enter text: <input type="text" id="a" onkeypress="fun()">

<script>

function fun()

{

var temp = document.getElementById("a");

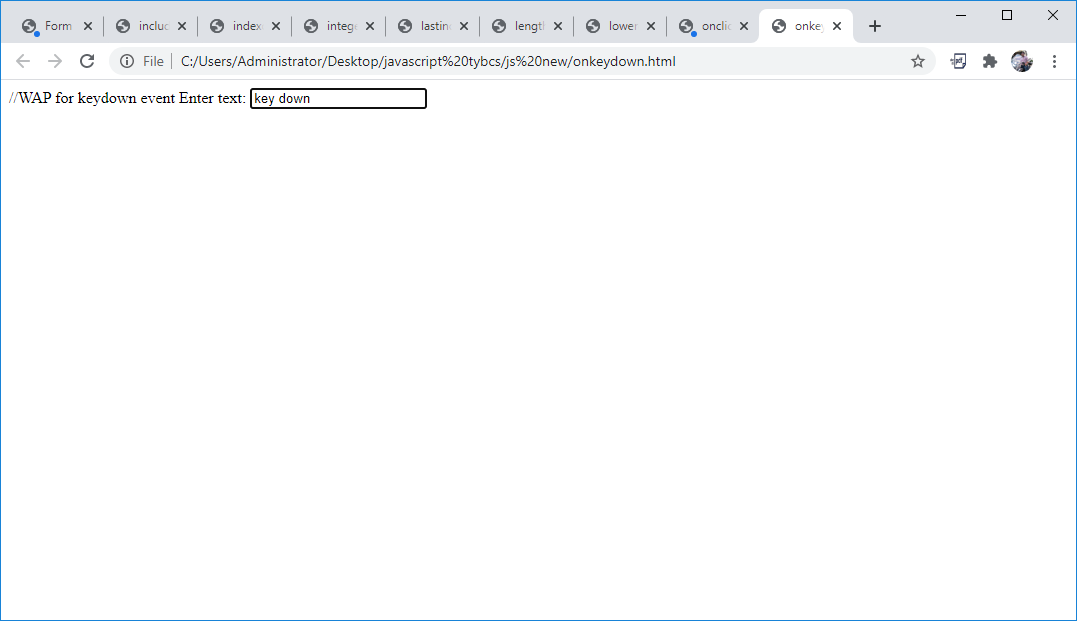
temp.value = temp.value.toLowerCase();

}

</script>

</body>

</html>



//WAP for keyup event

<html>

<body>

Enter text: <input type="text" id="a" onkeypress="fun()">

<script>

function fun()

{

var temp = document.getElementById("a");

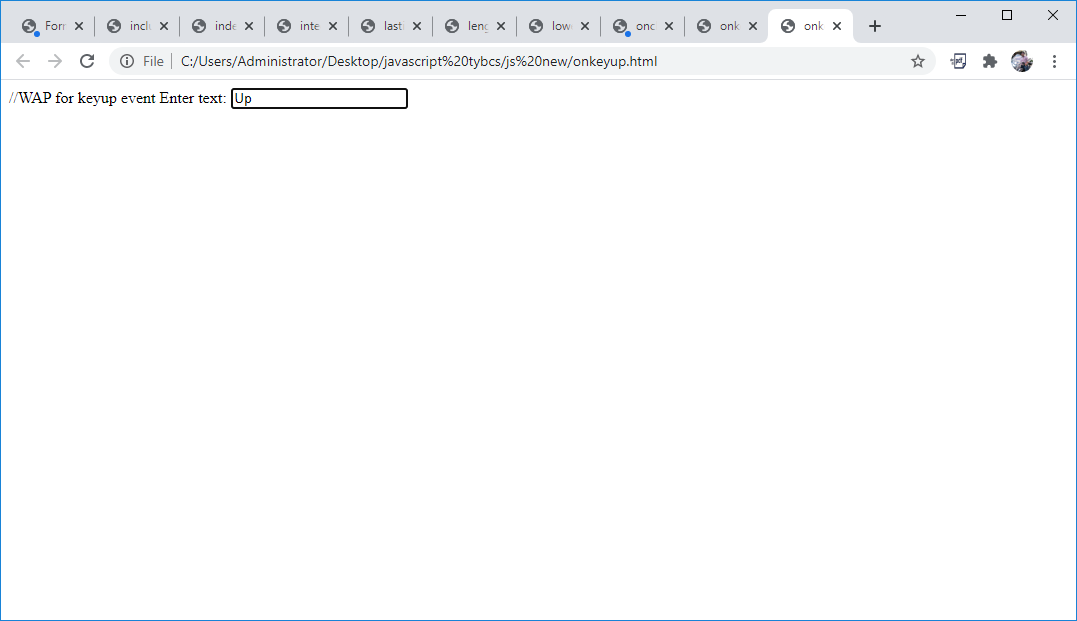
temp.value = temp.value.toUpperCase();

}

</script>

</body>

</html>



Repeat function

<html>

<head><title>Repeat function</title></head>

<body>

<script>

A = "javascript ";

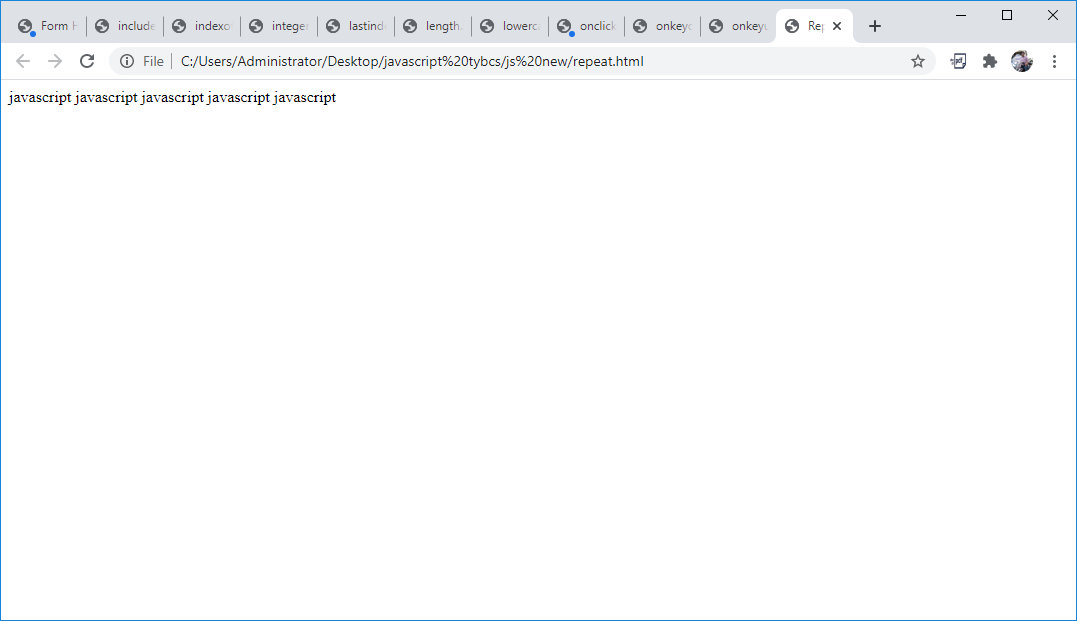
a = A.repeat(5);

document.write(a);

</script>

</body>

</html>



Search fun

<html>

<body>

<button onclick="myFunction()">Show</button>

<p id="demo"></p>

<script>

function myFunction() {

var str = "javascript is programming language";

var n = str.search("programming");

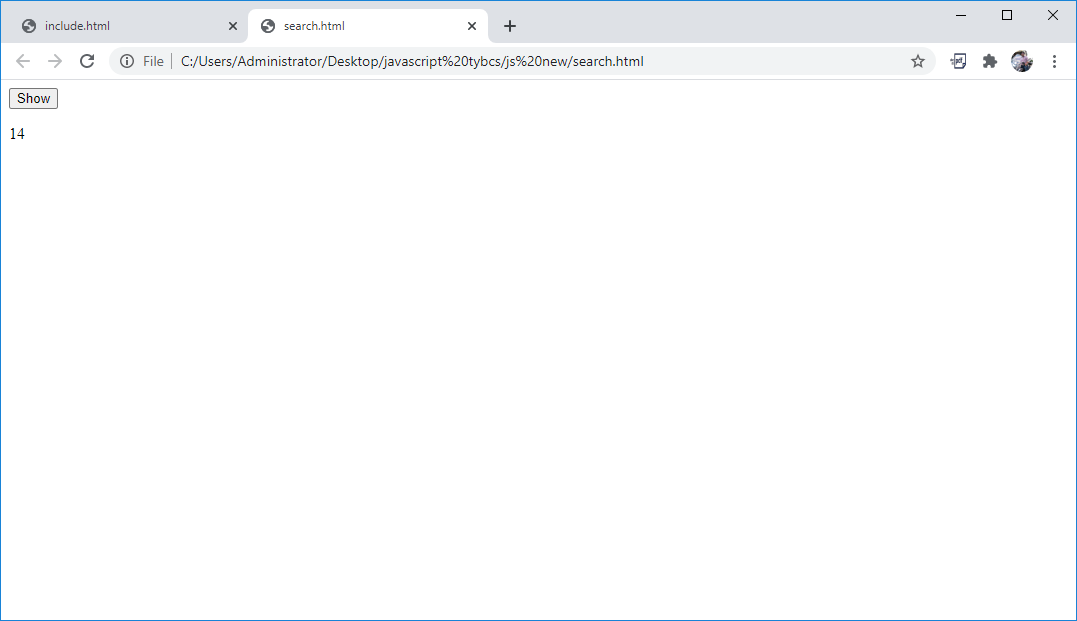
document.getElementById("demo").innerHTML = n;

}

</script>

</body>

</html>



Replace fun

<html>

<body>

<p id="a">javascript is programs language!</p>

<button onclick="a()">Try it</button>

<script>

function a() {

var str = document.getElementById("a").innerHTML;

var res = str.replace("programs", "programming");

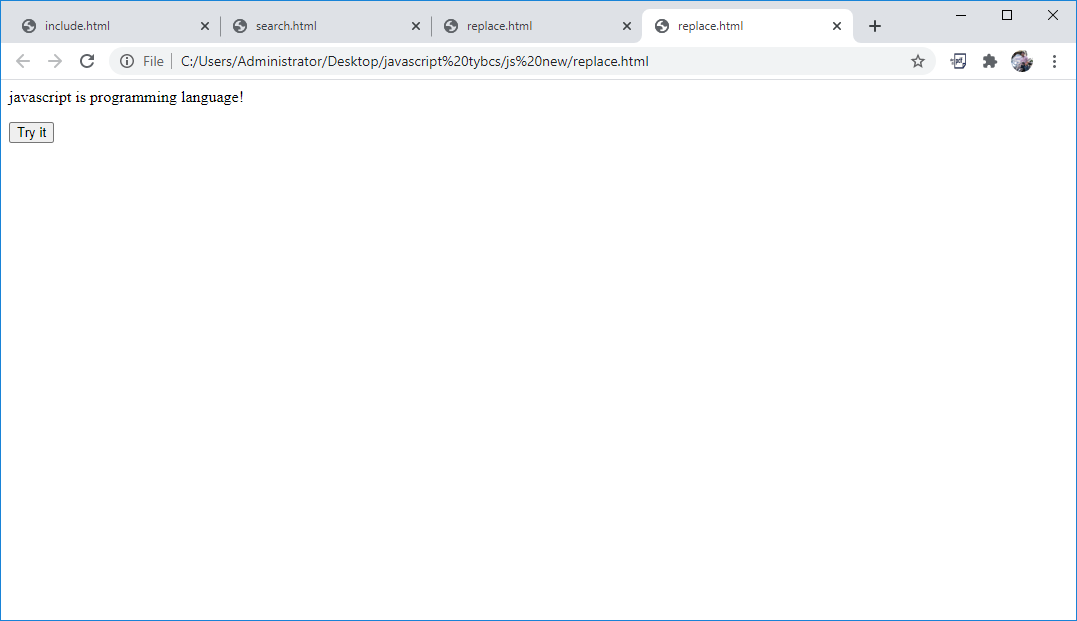
document.getElementById("a").innerHTML = res;

}

</script>

</body>

</html>



Slice function

<html>

<head>

<title>Slice function</title>

<body>

<script>

function func() {

var arr = [10,20,30,40,50,60];

var new\_arr = arr.slice(2,4);

document.write(arr);

document.write("<br>");

document.write(new\_arr);

}

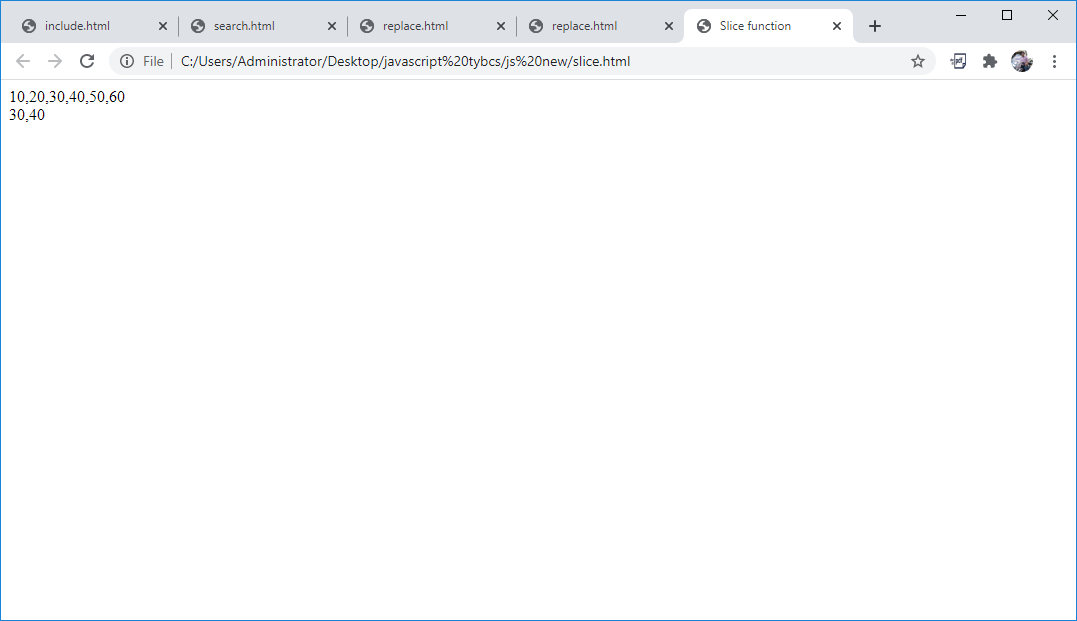
func();

</script>

</body>

</head>

</html>



Split Function

<html>

<head><title>Split Function</title></head>

<body>

<script>

function func() {

var str = 'javascript is a programming language'

var a = str.split("programming");

document.write(a);

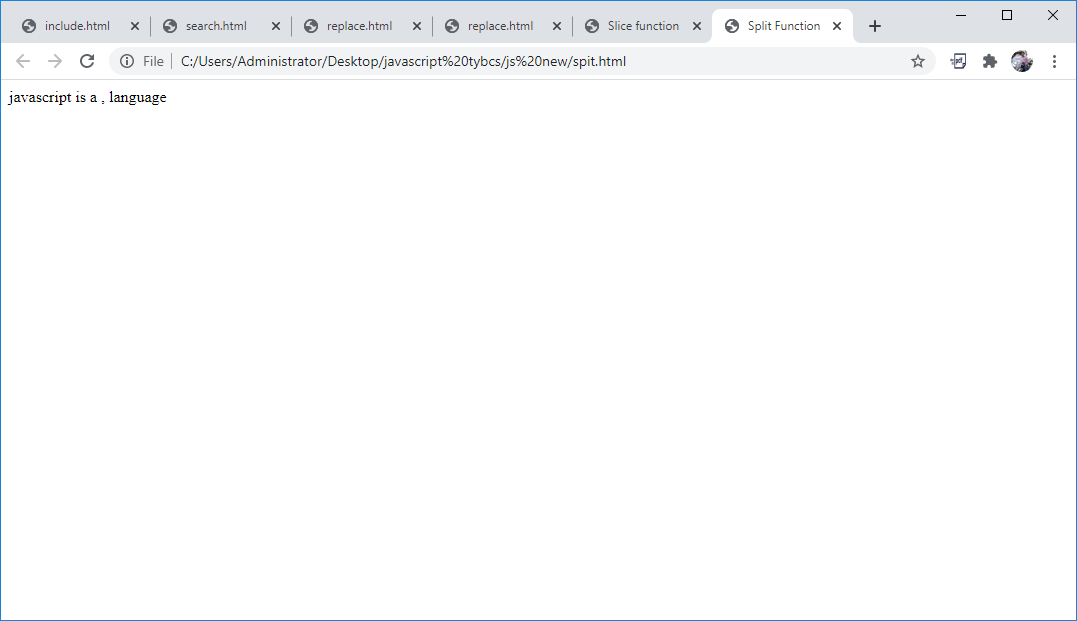
}

func();

</script>

</body>

</html>



Square fun

<html>

<head>

<script>

function sqrfun()

{

var num, sqr;

num = Number(document.getElementById("a").value);

sqr = num \* num;

window.alert("Square of "+num+" is "+sqr);

}

</script>

</head>

<body>

<form>

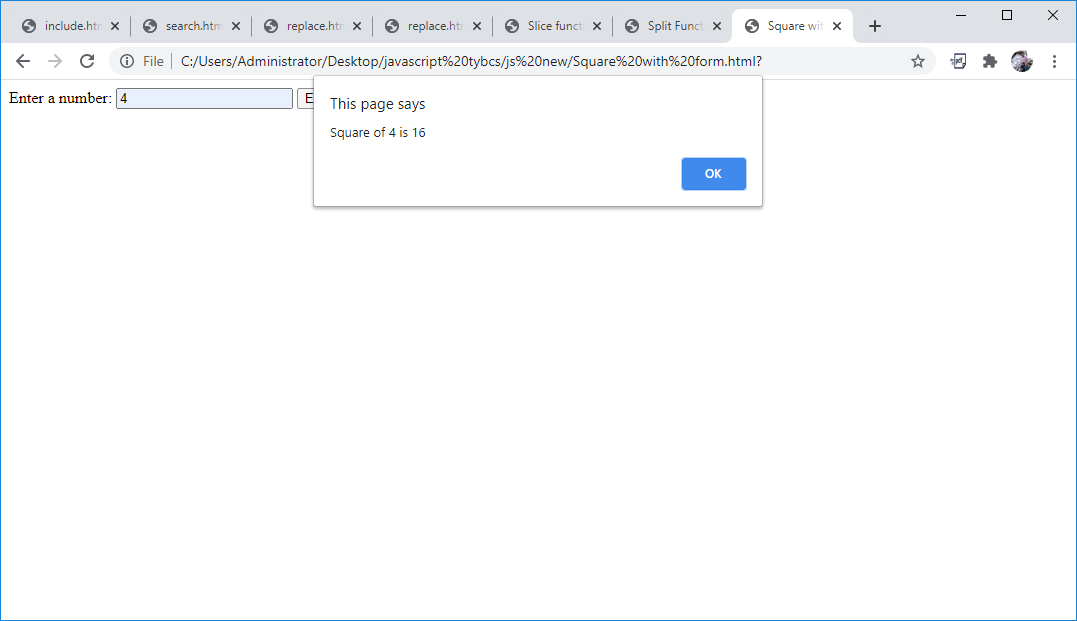
Enter a number: <input type="text" id="a">

<input type="button" value="Enter" onclick="sqrfun()">

</form>

</body>

</html>



Odd or even

<HTML>

<HEAD>

<TITLE> Odd even program</TITLE>

</HEAD>

<BODY>

<H1 align="center"> Program to find given number is even or odd</H1>

<script language="javascript" type="text/javascript">

var num;

num = 15

if (num % 2 == 0)

{

document.write(num+" is even number");

}

else

{

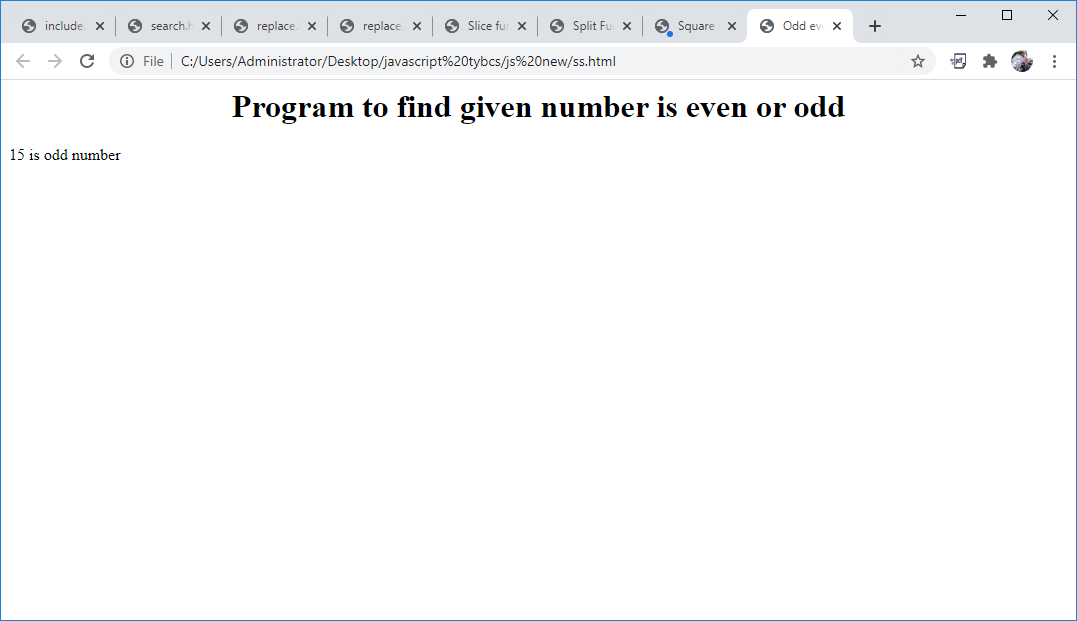
document.write(num+" is odd number");

}

</script>

</BODY>

</HTML>



str.startsWith

<html>

<body>

<p>javascript is programming language</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "javascript is programming language";

var n = str.startsWith("hello");

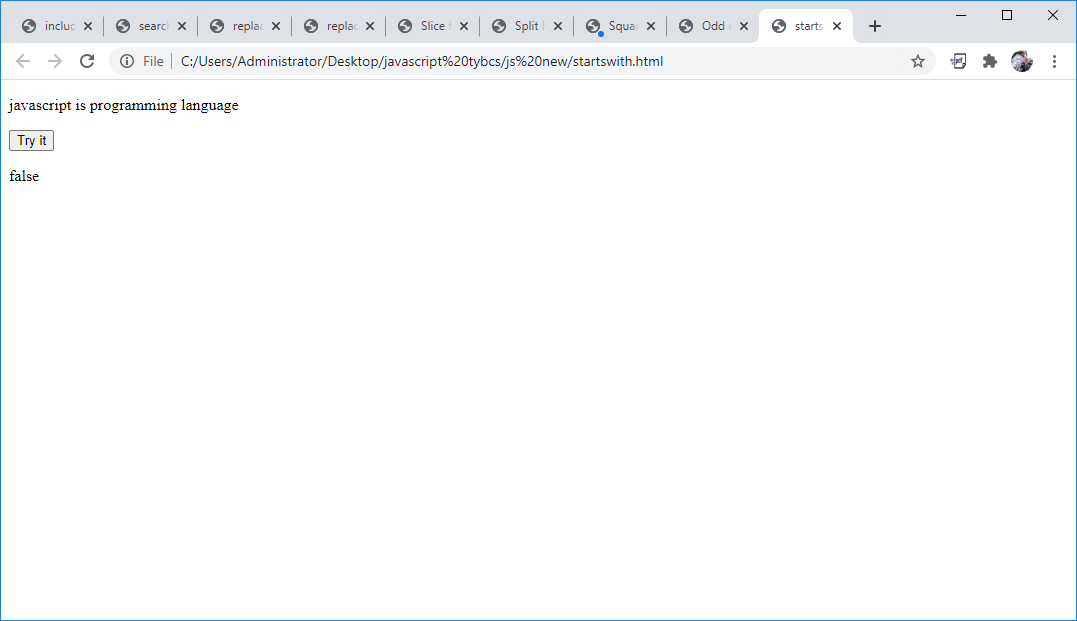
document.getElementById("a").innerHTML = n;

}

</script>

</body>

</html>



Submit

<html>

<body>

<form onsubmit="alert('submit!');return false">

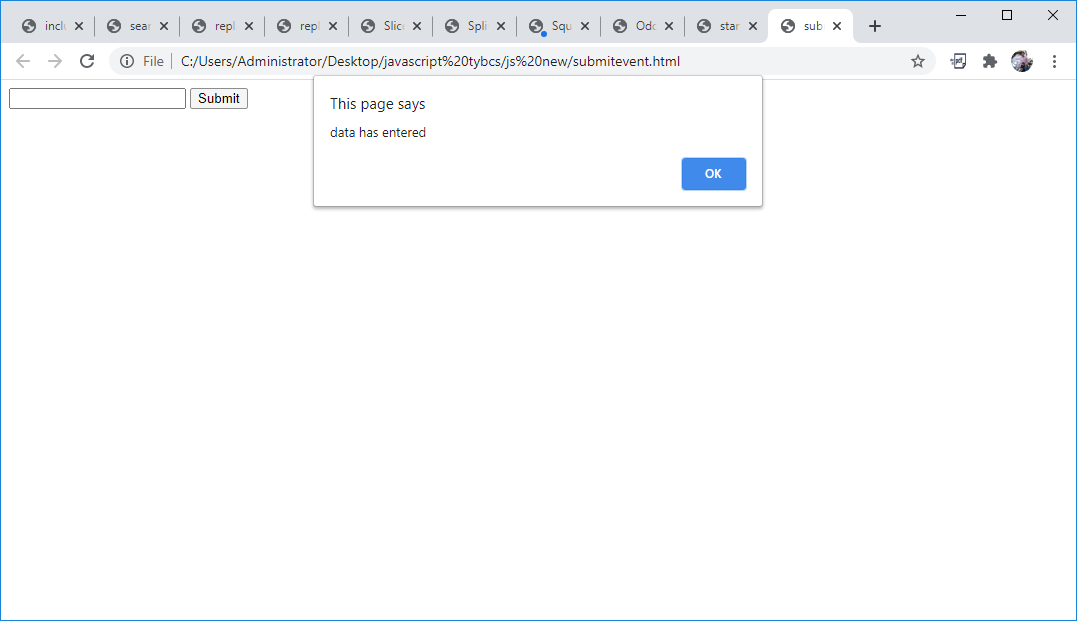
<input type="text">

<input type="submit" onclick="alert('data has entered');">

</form>

</body>

</html>



substr function

<html>

<head>

<title>substr function</title>

<body>

<script>

function func() {

var str = 'javascript is a programming language';

var sub\_str = str.substr(10);

document.write(sub\_str);

}

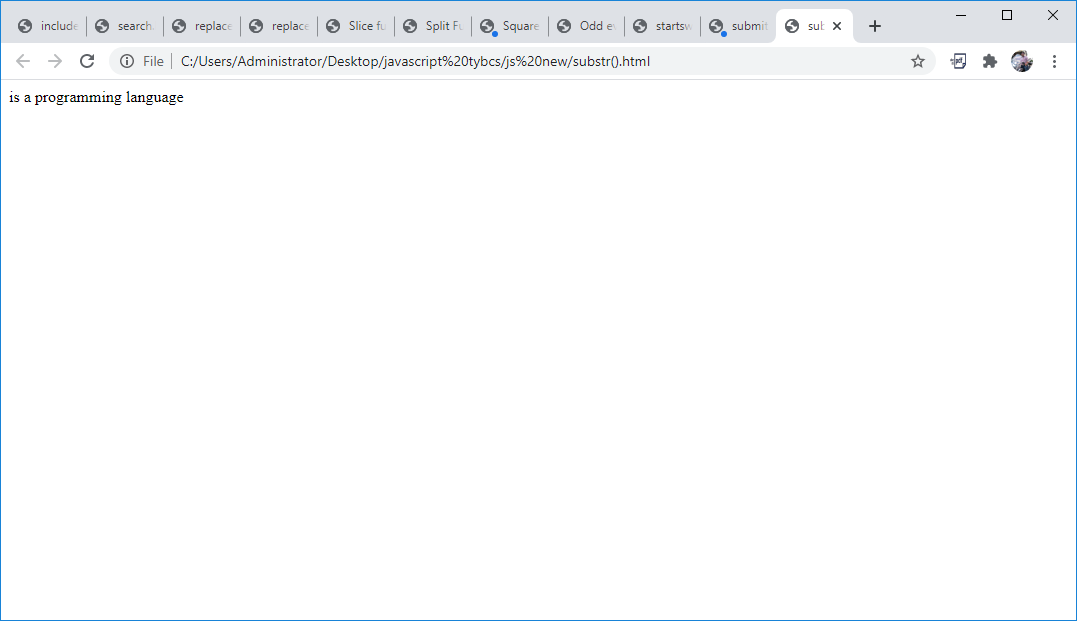
func();

</script>

</body>

</head>

</html>



<html>

<head>

<title>substring function</title>

<body>

<script>

var string = "javascript is a programming language";

a = string.substring(0, 10)

b = string.substring(4, 15)

c = string.substring(15)

d = string.substring(28)

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

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

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

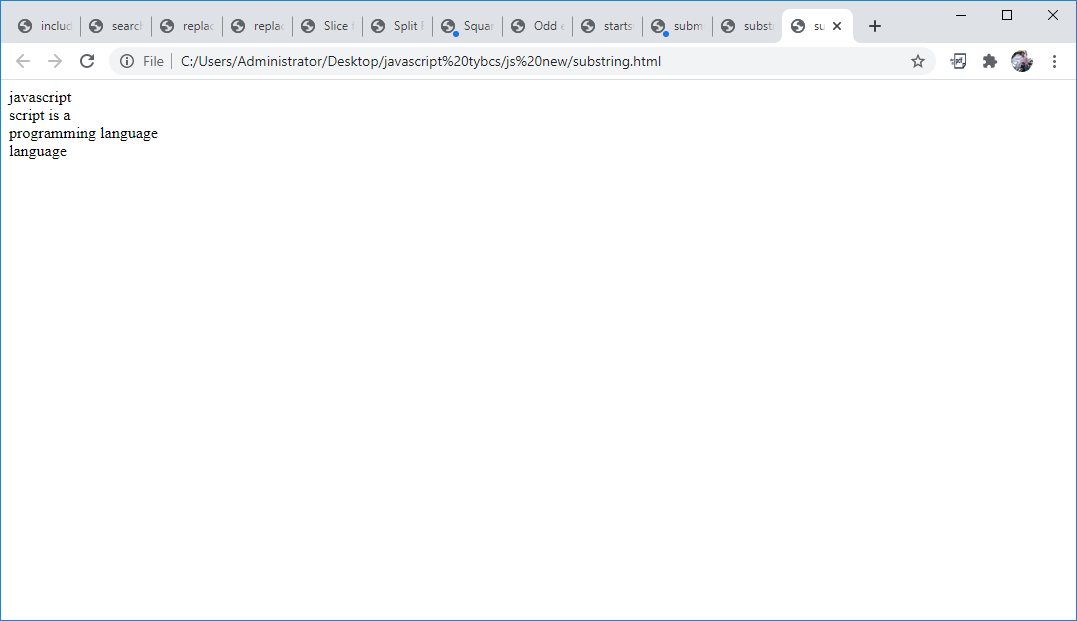
document.write(d + "<br>");

</script>

</body>

</head>

</html>



Switch day without text

<html>

<head>

<script>

function switchfun()

{

var num;

num = Number(prompt("Enter a day number: "));

switch(num)

{

case 1:

window.alert("It's Monday");

break;

case 2:

window.alert("It's Tuesday");

break;

case 3:

window.alert("It's Wednesday");

break;

case 4:

window.alert("It's Thursday");

break;

case 5:

window.alert("It's Friday");

break;

case 6:

window.alert("It's Saturday");

break;

case 7:

window.alert("It's Sunday");

break;

default:

window.alert("Choose correct day");

}

}

</script>

</head>

<body>

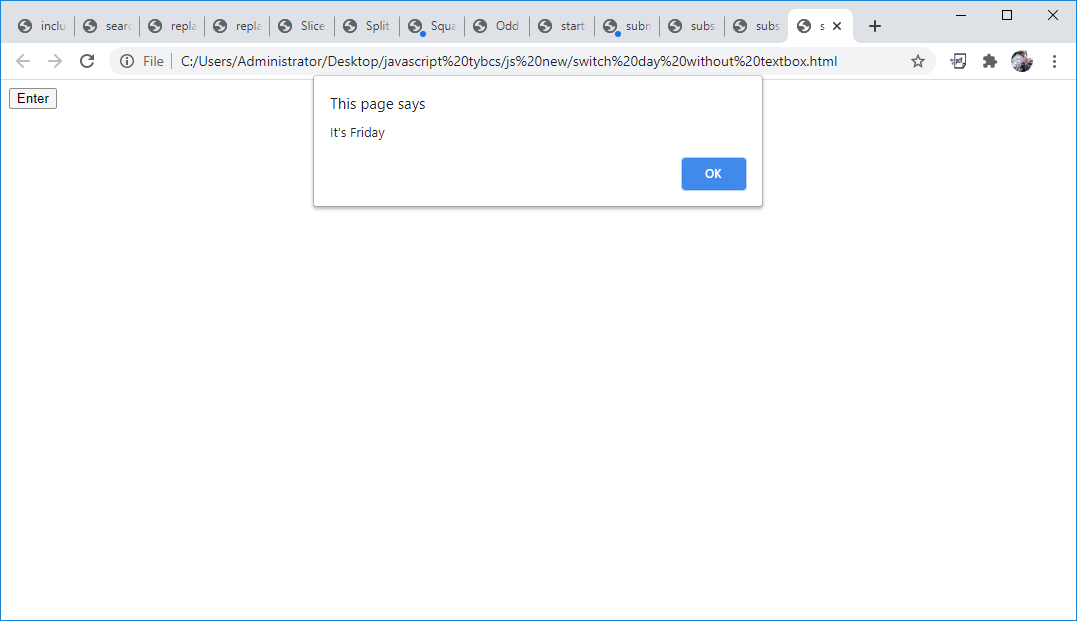
<form>

<input type="button" value="Enter" onclick="switchfun()">

</form>

</body>

</html>



Switch a day

<html>

<head>

<script>

function switchfun()

{

var num;

num = Number(document.getElementById("a").value);

switch(num)

{

case 1:

window.alert("It's Monday");

break;

case 2:

window.alert("It's Tuesday");

break;

case 3:

window.alert("It's Wednesday");

break;

case 4:

window.alert("It's Thursday");

break;

case 5:

window.alert("It's Friday");

break;

case 6:

window.alert("It's Saturday");

break;

case 7:

window.alert("It's Sunday");

break;

default:

window.alert("Choose correct day");

}

}

</script>

</head>

<body>

<form>

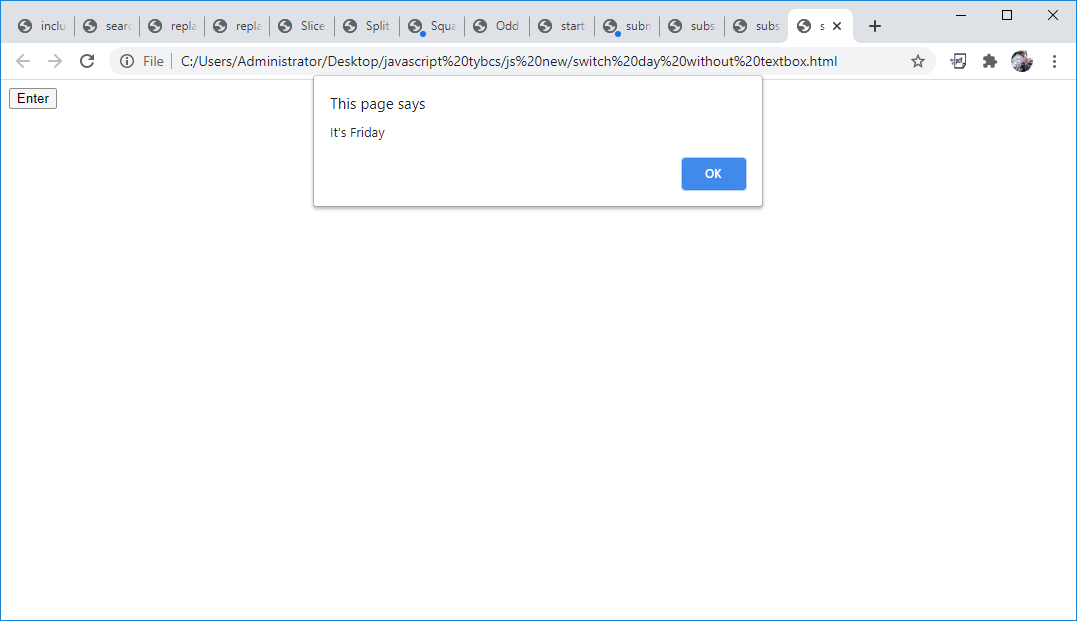
Enter a number: <input type="text" id="a">

<input type="button" value="Enter" onclick="switchfun()">

</form>

</body>

</html>



To string

<html>

<head>

<title>tostring function</title>

<body>

<script type="text/javascript">

var num=10;

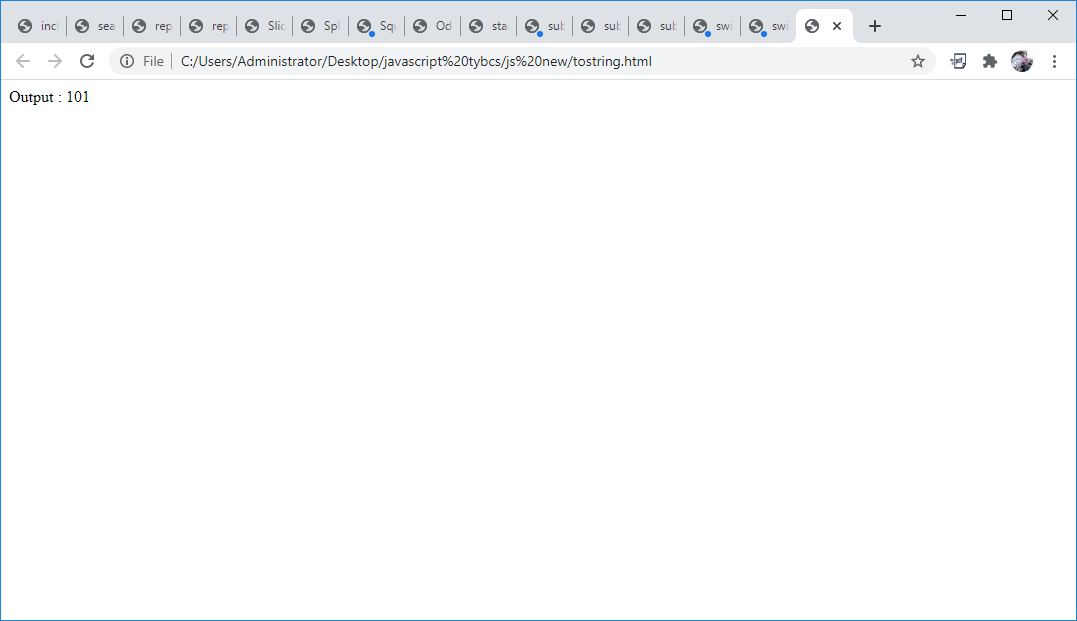
document.write("Output : " + num.toString(3));

</script>

</body>

</head>

</html>



Wap upper case to lower case

<html>

<body>

<p>JAVASCRIPT IS A PROGRAMMING LANGUAGE</p>

<button onclick="a()">Try it</button>

<p id="a"></p>

<script>

function a() {

var str = "JAVASCRIPT IS A PROGRAMMING LANGUAGE";

var res = str.toLowerCase();

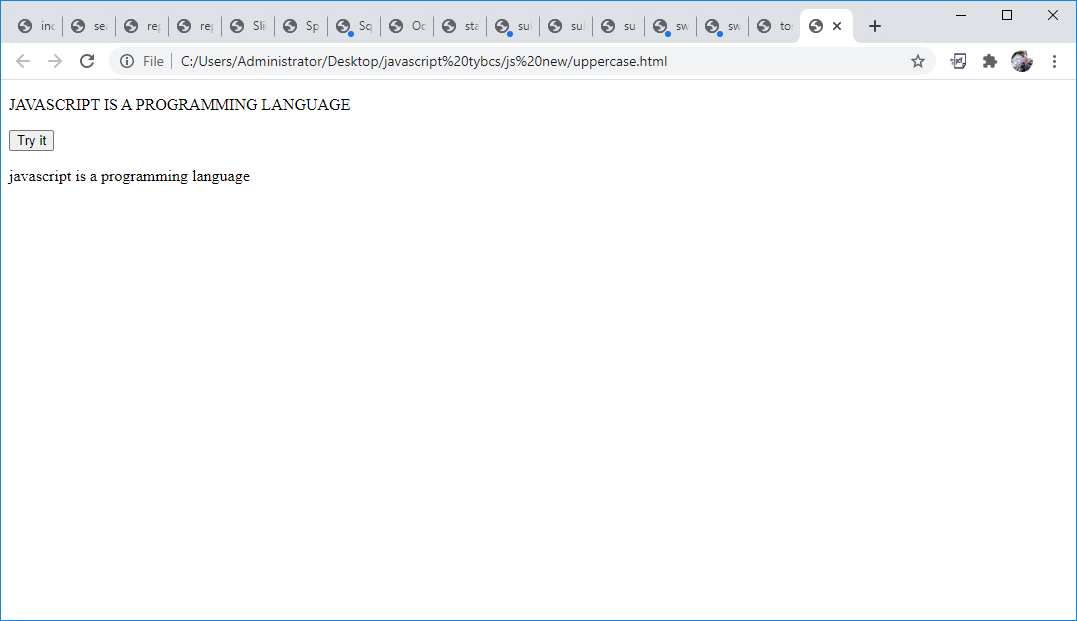
document.getElementById("a").innerHTML = res;

}

</script>

</body>

</html>



Validation

<html>

<head>

<script language="javascript" type="text/javascript">

function confirm()

{

if(document.getElementById("a").value == "")

{

alert("Enter your name: ");

}

else if(document.getElementById("b").value == "")

{

alert("Enter your password: ");

}

else if(document.getElementById("b").value != document.getElementById("c").value)

{

alert("Enter correct password");

}

else if(document.getElementById("d").value == "")

{

alert("Enter your city: ");

}

else

{

alert("Account created");

}

}

</script>

</head>

<body>

<form>

Enter your username: <input type="text" id="a"><br>

Enter your password: <input type="password" id="b"><br>

Confirm your password: <input type="password" id="c"><br>

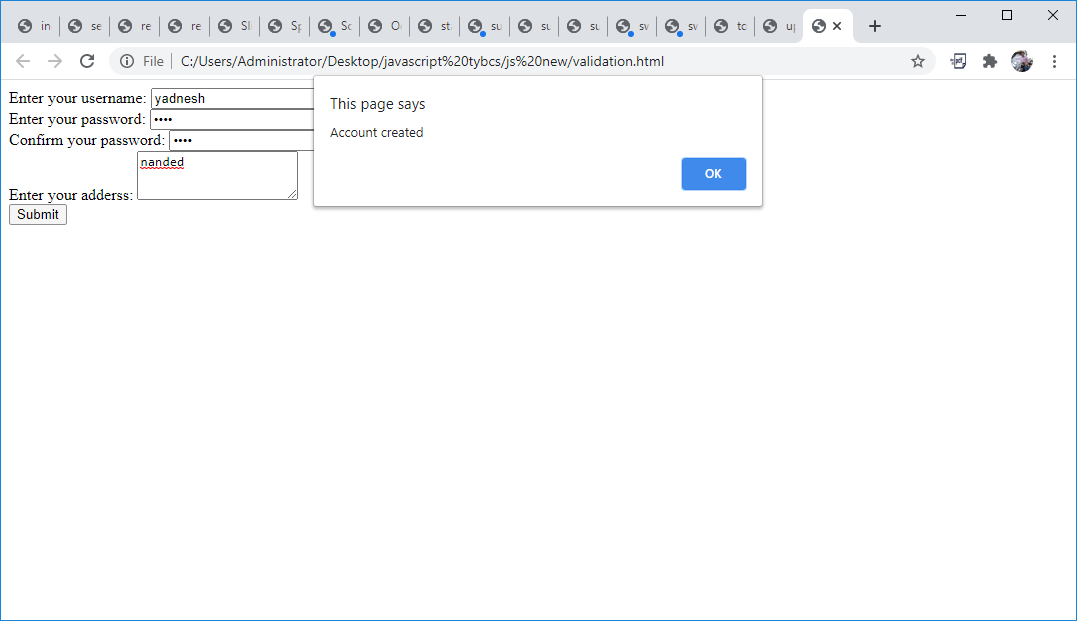
Enter your adderss: <textarea cols="20" rows="3" id="d"></textarea><br>

<input type="button" value="Submit" onclick="confirm()">

</form>

</body>

</html>



To string value

<html> <head>

<title>tostring function</title>

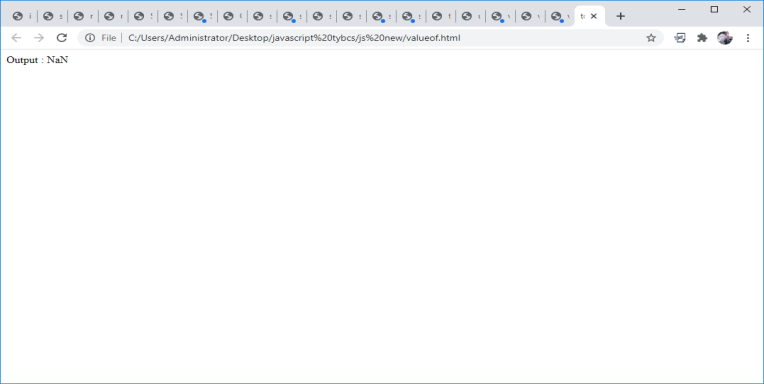
<body>

<script type="text/javascript">

var num=NaN;

document.write("Output : " + num.valueOf());

</script> </head></html>



WAP on form validation(name,class,address,email,contact,etc)

<html>

<head>

<script language="javascript" type="text/javascript">

function confirm()

{

if(document.getElementById("a").value == "")

{

alert("Enter your Username: ");

}

else if(document.getElementById("b").value == "")

{

alert("Enter your Class: ");

}

else if(document.getElementById("c").value == "")

{

alert("Enter your Email");

}

else if(document.getElementById("d").value == "")

{

alert("Enter your Phone number: ");

}

else if(document.getElementById("e").value == "")

{

alert("Enter your address: ");

}

else

{

alert("Account created");

}

</script>

</head>

<body>

<form>

Enter your username: <input type="text" id="a"><br>

Enter your class: <input type="text" id="b"><br>

Enter your Email: <input type="email" id="c"><br>

Enter your contact number: <input type="number" id="d"><br>

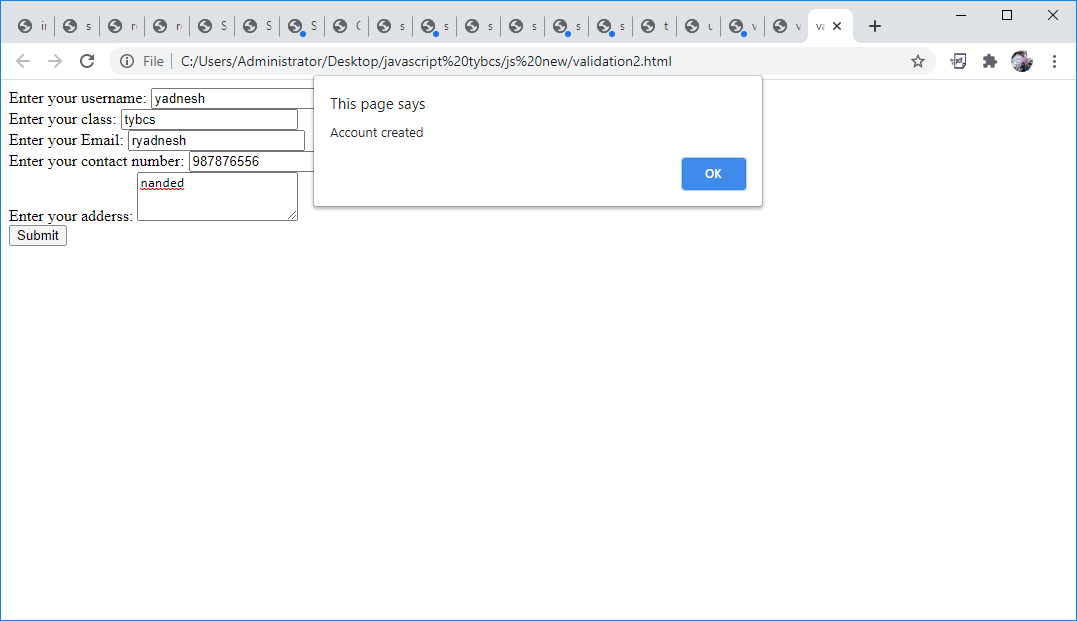
Enter your adderss: <textarea cols="20" rows="3" id="e"></textarea><br>

<input type="button" value="Submit" onclick="confirm()">

</form>

</body>

</html>



WAP to print aritematic operators using button controls

<html>

<head>

<title>

Arithmetic operator using textbox and button control

</title>

<script language="javascript" type="text/javascript">

function add()

{

var n1 = document.getElementById('a').value;

var n2 = document.getElementById('b').value;

var res = Number(n1) + Number(n2);

alert("The result is: "+res);

}

function sub()

{

var n1 = document.getElementById('a').value;

var n2 = document.getElementById('b').value;

var res = Number(n1) - Number(n2);

alert("The result is: "+res);

}

function mult()

{

var n1 = document.getElementById('a').value;

var n2 = document.getElementById('b').value;

var res = Number(n1) \* Number(n2);

alert("The result is: "+res);

}

function div()

{

var n1 = document.getElementById('a').value;

var n2 = document.getElementById('b').value;

var res = 2.1;

var res = Number(n1) / Number(n2);

alert("The result is: "+res);

}

function mod()

{

var n1 = document.getElementById('a').value;

var n2 = document.getElementById('a').value;

var res = Number(n1) % Number(n2);

alert("The result is: "+res);

}

</script>

</head>

<body>

<h1 align="center">

Arithmetic operator using textbox and button control

</h1>

<form method="GET">

<div>

<div>

<dif>

Enter a first number:

</dif>

<div> <input type="text" name="n1" id='a'> </div>

</div>

</div><br>

<div>

Enter Second number:

</div>

<div>

<input type="text" name="n2" id='b'>

</div><br>

<div style="width: 400px;height: 40px;">

<div style="width: 60px;height: 40px;float: left;">

<input type="button" value="Addition" onclick="add()">

</div>

<div style="width: 85px;height: 40px;float: left;">

<input type="button" value="Substraction" onclick="sub()">

</div>

<div style="width: 87px;height: 40px;float: left;">

<input type="button" value="Multiplication" onclick="mult()">

</div>

<div style="width: 60px;height: 40px;float: left;">

<input type="button" value="Division" onclick="div()">

</div>

<div style="width: 80px;height: 40px;float: left;">

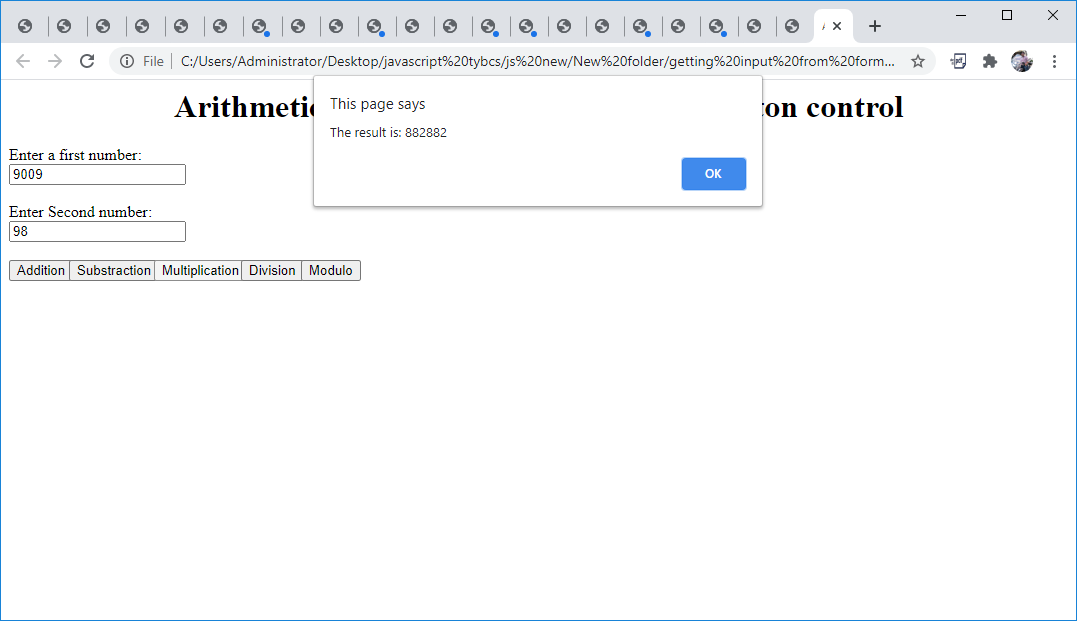
<input type="button" value="Modulo" onclick="mod()">

</div> </div>

</form>

</body>

</html>



Wap using switch in multiplication

<html>

<head>

<title> JavaScript Switch Case </title>

</head>

<h1> JavaScript Switch Case </h1>

<body>

<script>

var opertor = '\*';

var number1 = 10, number2 = 2;

switch (opertor)

{

case '+':

document.write("Addition of two numbers is: " + (number1 + number2));

break;

case '-':

document.write("Subtraction of two numbers is: " + (number1 - number2));

break;

case '\*':

document.write("Multiplication of two numbers is: " + (number1 \* number2));

break;

case '/':

document.write("Division of two numbers is: " + (number1 / number2));

break;

case '%':

document.write("Module of two numbers is: " + (number1 % number2));

break;

default:

document.write("<b> You have entered Wrong operator </b>");

document.write("<br \> Please enter Correct operator such as +, -, \*, /, %");

}

</script>

</body>

</html>

