<!doctype html>

**<html>**

**<head>**

**<script>**

**function** add(){

**var** a,b,c;

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

b=Number(document.getElementById("second").value);

c= a + b;

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

}

**</script>**

**</head>**

**<body>**

**<input** id="first"**>**

**<input** id="second"**>**

**<button** onclick="add()"**>**Add**</button>**

**<input** id="answer"**>**

**</body>**

**</html>**

**Alert on button click**

<!doctype html>

**<html>**

**<head>**

**<script>**

**function** hello()

{

alert("Hello World!");

}

**</script>**

**</head>**

**<body>**

**<button** onclick="hello()"**>**Click Me**</button></br></br>**

**</body>**

**</html>**

**Number validation**

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Can Validate Input</h2>

<p>Please input a number between 1 and 10:</p>

<input id="numb">

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

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

<script>

function myFunction() {

var x, text;

// Get the value of the input field with id="numb"

x = document.getElementById("numb").value;

// If x is Not a Number or less than one or greater than 10

if (isNaN(x) || x < 1 || x > 10) {

text = "Input not valid";

} else {

text = "Input OK";

}

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

}

</script>

</body>

</html>

**Form validation example2**

<html>

<head>

<title>Form Validation</title>

<script type="text/javascript">

<!--

// Form validation code will come here.

//-->

</script>

</head>

<body>

<form action="/cgi-bin/test.cgi" name="myForm" onsubmit="return(validate());">

<table cellspacing="2" cellpadding="2" border="1">

<tr>

<td align="right">Name</td>

<td><input type="text" name="Name" /></td>

</tr>

<tr>

<td align="right">EMail</td>

<td><input type="text" name="EMail" /></td>

</tr>

<tr>

<td align="right">Zip Code</td>

<td><input type="text" name="Zip" /></td>

</tr>

<tr>

<td align="right">Country</td>

<td>

<select name="Country">

<option value="-1" selected>[choose yours]</option>

<option value="1">USA</option>

<option value="2">UK</option>

<option value="3">INDIA</option>

</select>

</td>

</tr>

<tr>

<td align="right"></td>

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

</tr>

</table>

</form>

</body>

</html>

<script type="text/javascript">

<!--

// Form validation code will come here.

function validate()

{

if( document.myForm.Name.value == "" )

{

alert( "Please provide your name!" );

document.myForm.Name.focus() ;

return false;

}

if( document.myForm.EMail.value == "" )

{

alert( "Please provide your Email!" );

document.myForm.EMail.focus() ;

return false;

}

if( document.myForm.Zip.value == "" ||

isNaN( document.myForm.Zip.value ) ||

document.myForm.Zip.value.length != 5 )

{

alert( "Please provide a zip in the format #####." );

document.myForm.Zip.focus() ;

return false;

}

if( document.myForm.Country.value == "-1" )

{

alert( "Please provide your country!" );

return false;

}

return( true );

}

//-->

</script>

Ques:Odd or even

<!doctype html>

**<html>**

**<head>**

**<script>**

**function** odd\_even(){

**var** no;

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

**if**(no%2==0)

{

alert("Even Number");

}

**else**

{

alert("Odd Number");

}

}

**</script>**

**</head>**

**<body>**

Enter Any Number:**<input** id="no\_input"**><br** **/>**

**<button** onclick="odd\_even()"**>**Click me**</button>**

**</body>**

**</html>**

**Factorial Program in Javascript**

<!doctype html>

**<html>**

**<head>**

**<script>**

**function** show(){

**var** i, no, fact;

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 Num: **<input** id="num"**>**

**<button** onclick="show()"**>**Factorial**</button>**

**<input** id="answer"**>**

**</body>**

**</html>**

## Reverse a Number Program in JavaScript

## Example

<!doctype html>

**<html>**

**<head>**

**<script>**

**function** palin()

{

**var** a,no,b,temp=0;

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

b=no;

**while**(no>0)

{

a=no%10;

no=parseInt(no/10);

temp=temp\*10+a;

}

alert(temp);

}

**</script>**

**</head>**

**<body>**

Enter any Number: **<input** id="no\_input"**>**

**<button** onclick="palin()"**>**Check**</button></br></br>**

**</body>**

**</html>**

## Print Triangle of Stars in JavaScript

**<html>**

**<head>**

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

**var** i, j;

//outer loop

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

{

//inner loop

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

{

document.write('\*');

}

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

}

**</script>**

**</head>**

**<body>**

**</body>**

**</html>**

## Number Pattern in JavaScript

**<html>**

**<head>**

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

**var** a;

**var** n=prompt("Enter a number for the no. of rows in a pattern");

**for**(**var** i=1;i<=n;i++)

{

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

{

document.write("0"+j+" ");

}

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

}

**</script>**

**</head>**

**<body>**

**</body>**

**</html>**