Date class:

Date is a global object in javascript.

It is used to manipulate date and time on web page.

Firstly you have to create object of date class.

method of Date class

getFullYear()

getMonths()

getHours()

getDay()

getMinutes()

getSeconds()

toLocaleTimeString()

toLocaleString()

--

<head>

<script>

function disp()

{

var a =new Date();

document.write(a);

var b=a.getFullYear();

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

var c=a.getDate();

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

var d=a.getDay();

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

var e=a.getMonth();

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

var f=a.getHours();

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

var g=a.getMinutes();

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

var h=a.toLocaleString();

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

var i=a.toLocaleTimeString();

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

}

</script>

</head>

<body onload="disp()">

</body>

Example to display time on web page that updated every one second.

<head>

<script>

functiondisp()

{

var a =new Date();

var i=a.toLocaleTimeString();

d.innerHTML=i;

}

</script>

</head>

<body onload="disp()">

<p id="d"></p>

<input type="button" value="OK" onmouseup="disp()">

<script>

setInterval("disp()",1000);

</script>

</body>

Math class

Math is a global object in JavaScript.

It contain many predefine property and function for mathematical calculation.

All property and Function of math class are static.

We can call them by using Math.propertyname or Math.functionName.

Function of math class

sqrt()

pow()

abs()

ceil()

floor()

sin()

cos()

tan()

-

-

-

Property of Math class

PI

SQRT2

SQRT1\_2

LN2

var a =Math.PI;

document.write(a)

var a =Math.SQRT2;

document.write(a)

var a =Math.SQRT1\_2;

document.write(a)

var a= math.sqrt(16);

document.write(a) // 4

var b= math.pow(3,4);

document.write(a) // 81

var b =math.abs(-7);

document.write(a) // 7

var b= math.ceil(9.2);

document.write(a) //10

var b= math.floor(9.2);

document.write(a) //9

Array:

An array is a global object in javascript.

An array is used to store mutiple values under single name.

How to create Array

1st way

var a =[12,34,7,2,8,9]

or

IInd way

var a =new Array(12,34,7,2,8,9)

To create slide in javascript

<head>

<script>

var i=0;

function disp()

{

var a=["a.jpg","b.jpg","c.jpg","d.jpg"];

i++;

m.src=a[i];

if(i>3)

i=-1

}

</script>

</head>

<body>

<img src="a.jpg" height="300" width="700" id="m">

<script>

setInterval("disp()",1000);

</script>

</body>