Javascript language

Javascript is used to make the webstie interactive it is in the category of front end

Alert() is used to show the messege

Document.write() is used to write and messege in webpage

Note: document mean web page

Document.concole() is also used for write any messege on the webpage

In javascript for declaration of variable we only write var

In javasceipt when we write == it check only value but if we write === it will check value as well as data type will be check

IN DOUBLE QUOTATION MARK that use for printing WE CAN GIVE HTML TAG TO JAVASCRIPT

FOR DECLARATION ARRAY WE USE NEW ARRAY

SYNTAX OF ARRAY (first method)

Var arrays=new array;

Arrays[0]=”ishmam”;

Arrays[1]=”ali’’;

Arrays[2]=’’khan’’;

Document.write(arrays[2]);

Syntax of array (second method)

Var arryas= new array(“ishmsm”,”ali”,”khan”);

Document.write(arrays[2]);

Syntax of array (third method)

Var arryas= (“ishmsm”,”ali”,”khan”);

Document.write(arrays[2]);

Methods of array firs is concat

.concat() is used to connect the two value of array

+sign is used for giving variable with printing value in javascript

Second is sort

Sort method is sort the value in the form of ascii value

Q.no.1What is the difference between method or function????

Third method in array is push

That is use the insert the value in the end of array

Forth function in the array is pop

Tha pop method is used to delete the element in the end of the array

For defining function in the javascript we have to write function keyword

Syntax of function

Function(){

Var a=10;

Var b=20;

Var c=a+b;

Document.write(c);

}

Sum();

Function call inside the script tag but outside the curly braces of the function

Methods of string

.length()

Is used to fine the length and length always start from 1

We can find length of any element like string

Second method of string

charAt(4)

it is used to print the index value of the string that is written inside the parenthesis

third method of string

charCodeAt(5)

it is used to print the ascii value of the string

indexof(s)

it is used to find the index of the string character that is written inside the parenthesis

localcompare()

it is used to compare that the value that we are passing the parenthesis either it is matching with original string or not if matching then it give 1 else give -1

events in javascript

onclick

if we want any action on click button then we will use onclick()

onmouseover

it is used to call the function or execute any logic that we want to execute when cursor going on to the button

onmousedown

it is also used for click to execute the function

onmouseout

it is used to execute the function when mouse out to the button

eval()

is used to evaluate the value

make a calculator with javascript

<html>

    <head>

        <title>java Script in one video</title>

    </head>

    <body>

        <form name="example">

            <input type="text" size="20" name="calculator">

            <input type="button" name="B1" value="calculate" onClick="call()">

            <input type="reset" name="B2" value=reset>

            Answer:<input type="text" size=20 name="answer">

        </form>

        <script>

            function call(){

                document.example.answer.value=eval(document.example.calculator.value)

            }

        </script>

    </body>

</html>

window.locaiton

is used to locate the page on to the url that is given in the methods

dilouge box

in javascript three types of dialogue box

1. Alert
2. Confirm
3. Prompt

Prompt function is used for take input from the user and show output to the user

Confirm function is used for confirm the message

Alert function is used for only show the output to the user

Math objects and method in javascript

Math. Floor(10.99) is used for downward show the output

Math.round(10.99) is used to increase the number if the number greater than 5

Math.log() is used to find the value of log

Math.max() is used to find the maximum value

Math.min() is used to find the minimum value

Meth.pow() is used to find the power of the value

Math.sqrt() is used to find the square root

Math.random() is used to generate the random number

Dates methods in javascript

Date()

Is used for find the date

Date().getDay time second hour etc

For creating object we write new