ctrl+shift+i

href =hypertext reference

header and footer they are html5 tags

we can get copywrite sign using &copy;

to give space &nbsp

java Script

every line ended with semi colon (;)

we can use HTML tags inside the statements

document.write("hello world <br>");

document.write("have a nice day");

to write something 🡪

simple letters document.write("hello world");

object method

comments 🡪

multi line comments /\* \*/

single line comment //

built- in functions 🡪

alert(arguments);

ex : alert(“this is an alert”);

console.log(“hello”);

variables 🡪

String

var name;

ex :

var quote="you can enter in to now ";

escape charactors:

var quote="you can enter in to now \”try again \” ";

output : you can enter in to now “try again”

sentence concat:

var first\_name=”Nimashi”;

var second\_name=”jayawickrama”;

var full\_name= first\_name + second\_name ;

use html tags in sentences:

document.write(“<h1> Nimashi </h1>”);

Events 🡪

alert() <input type="submit" name="" value="click me" onclick="alert('thank u for clicking me')">

moseover() <input type="submit" name="" value="click me" moseover="alert('thank u for clicking me')">

function 🡪

</<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title></title>

<script type="text/javascript">

function add()

{

alert("this is an alert");

}

</script>

</head>

<body>

<p>hello world!</p>

<input type="submit" name="" value="click me" onclick=add()>

</body>

</html>

Multiple parameter using:

function add(num1,num2)

{ var addition=num1+num2;

//document.write(addition);

alert("your total is "+addition);

}//function calling

add(2,10);

Array 🡪

//declare a array

var names= new Array(“nim”,”niro”,”oshi”);

document.write(names[0]);

var colors= new Array();

//to get length of array - names.length

If 🡪

if(condition)

{

//statements

}

If ,else🡪

if(condition)

{

//statements

}

else

{

//statements

}

If ,else if ,else🡪

if(condition)

{

//statements

}

else (condition)

{

//statements

}

else

{

}

Js String 🡪

<!DOCTYPE html>

<html>

<head>

<style>

body

{font-size:15px;}

a{color: #00eeff;}

</style>

</head>

<body>

<p>using id to print the values <a>(string functions)</a></p>

<p id="1"> length of the string :</p>

<p id="2">indexof a word : </p>

<p id="3">last index : </p>

<p id="4">2 parameters are passed for searching a string : </p>

<p id="5">slice a string : </p>

<p id="6">substring : </p>

<p id="7">replace : </p>

<p id="8">uppercase : </p>

<p id="9">lowercase : </p>

<p id="10">character at a position : </p>

<p id="11">concat : </p>

<p id="12">split : </p>

<script>

var txt="Raja and Rani are going to America"

document.getElementById("1").innerHTML+= txt.length;

document.getElementById("2").innerHTML += txt.indexOf("i");

document.getElementById("3").innerHTML += txt.lastIndexOf("r");

document.getElementById("4").innerHTML += txt.lastIndexOf("a",20);

document.getElementById("5").innerHTML += txt.slice(2,10);//check with negative values// check with only one parameter

document.getElementById("6").innerHTML+=txt.substring(12,5);//from,length//first parameter negative then count from end.

document.getElementById("7").innerHTML+=txt.replace("g","a");//try to replace all g

document.getElementById("8").innerHTML+=txt.toUpperCase();

document.getElementById("9").innerHTML+=txt.toLowerCase();

document.getElementById("10").innerHTML+=txt.charAt(10);

document.getElementById("11").innerHTML+=txt.concat(" to attend a function");//instead of +

str=txt.split("a");

document.getElementById("12").innerHTML+="After splitted, second index value is "+str[3];

</script>

</body>

</html>

Js conversion 🡪

<!DOCTYPE html>

<html>

<head>

</head>

<body>

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

<script type="text/javascript">

var x = 1.2345;

document.getElementById("p").innerHTML =

(123).toString() + "<br>" +

false.toString() + "<br>" +

String(Date()) + "<br>" +

x.toFixed(0) + "<br>" +

x.toFixed(2) + "<br>" + //Returns a string, with a number rounded and written with a specified number of decimals.

x.toPrecision() + "<br>" +

x.toPrecision(2) + "<br>" + //Returns a string, with a number written with a specified length

Number(true) + "<br>" +

Number(false) + "<br>" +

Number("10") + "<br>" +

Number(Date()) + "<br>" +

Number("10 20") + "<br>" +

parseInt("10") + "<br>" +

parseInt("23.558") + "<br>" +

parseInt("10 20 30") + "<br>" +

parseInt("10 years") + "<br>" +

parseInt("years 10") + "<br>" +

parseFloat("10") + "<br>" +

parseFloat("10.45") + "<br>" +

isNaN("asdf")+ "<br>" +

isNaN(123)

</script>

</body>

</html>

Js Maths 🡪

<!DOCTYPE html>

<html>

<head>

<title></title>

</head>

<body>

<p id="math"></p>

<script type="text/javascript">

document.getElementById("math").innerHTML=

Math.random() +"<br>" +

Math.round(4.7) + "<br>" +

Math.round(4.4)+"<br>" +

Math.ceil(4.4)+"<br>" +

Math.floor(4.7)+"<br>" +

Math.floor(Math.random() \* 11)+"<br>" +

Math.E +"<br>" +

Math.LOG10E +"<br>" +

Math.PI +"<br>" +

Math.SQRT2 +"<br>" +

Math.SQRT1\_2+ "<br>" +

Math.LN2 +"<br>" +

Math.LN10.+"<br>" +

Math.LOG2E +"<br>"

</script>

</body>

</html>

Reference elements in javascript 🡪

<!DOCTYPE html>

<html>

<head>

<title></title>

</head>

<script type="text/javascript">

function fill()

{

var x=document.getElementById('name');

//document.write("Nimashi");

x.innerHTML="NIMASHI";

}

</script>

<body>

<p id="name" onclick="fill()">click me</p>

</body>

</html>