JS Variables

1. let carName = "Volvo";

2.let x= 50

3.let x= 5;

let y = 10;

document.getElementById("demo").innerHTML = x + y;

4.let x = 5;

let y = 10;

let z= x + y;

alert(z);

5. let firstName = "John", lastName = "Doe", age = 35

JS:OPERADORES

1.alert(10\*5);

2.alert(10 / 2);

3.alert(15 % 9);

4.x = 10;

y = 5;

x +=y;

5.x = 10;

y = 5;

x \*=y;

JS DATA TYPES

1. let length = 16; // Number

let lastName = "Johnson"; // String

const x = {

firstName: "John",

lastName: "Doe"

}; // Object

FUNCTIONS

1.function myFunction() {

alert("Hello World!");

}

myFunction();

2.function myFunction()

{

alert("Hello World!");

}

3.function myFunction() {

return"Hello";

}

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

4.function myFunction() {

document.getElementById("demo").

innerHTML= "Hello";

}

OBJECTS:

1. const person = {

firstName: "John",

lastName: "Doe"

};

alert(person.firstName);

2.const person = {

firstName: "John",

lastName: "Doe",

country: "Norway"

};

3.const person = {

name:"John", age:50

};

alert(person.name+ " is " + person.age);

EVENTS:

1. <button onclick="alert('Hello')">Click me.</button>

2.<button

onclick

="

myFunction()

">Click me.</button>

3.<div

onmouseover

="this.style.backgroundColor='red'">myDIV.</div>

STRINGS:

1. let txt = "Hello World!";

let x =

txt.length

;

alert(x);

2.let txt = "

We are \"Vikings\"

";

alert(txt);

3.let str1 = "Hello ";

let str2 = "World!";

alert(str1 + str2);

STRING METHODS

1.let txt = "Hello World!";

txt = txt.

toUpperCase()

;

2.let txt = "I can eat bananas all day";

let x = txt.slice(10, 17);

3.let txt = "Hello World";

txt = txt.

replace

("Hello", "Welcome");

4.let txt = "Hello World";

txt =

txt.toUpperCase()

;

5.let txt = "Hello World";

txt =

txt.toLowerCase()

;

ARRAYS:

1. const cars = ["Saab", "Volvo", "BMW"];

let x =

cars[1]

;

2.const cars = ["Volvo", "Jeep", "Mercedes"];

cars[0]

= "Ford";

3.const cars = ["Volvo", "Jeep", "Mercedes"];

alert(cars.length);

METHODS

1.const fruits = ["Banana", "Orange", "Apple"];

fruits.pop()

;

2.const fruits = ["Banana", "Orange", "Apple"];

fruits.push("Kiwi")

;

3.const fruits = ["Banana", "Orange", "Apple", "Kiwi"];

fruits.splice(1 , 2);

SORT:

1. const fruits = ["Banana", "Orange", "Apple", "Kiwi"];

fruits.sort()

;

DATES:

1.const d =

new Date()

;

alert(d);

2.const d = new Date();

year =

d.getFullYear()

;

3.const d = new Date();

month =

d.getMonth()

;

4. const d = new Date();

d.

setFullYear(2020)

;

MATH

1.let r = Math.random();

2.Math.max

3.let x = Math.round(5.3);

4. let x = Math.sqrt(9);

JS Comparisons

1.x = 10;

y = 5;

alert(x > y);

2. x = 10;

y = 10;

alert(x == y);

3x = 10;

y = 5;

alert(x!= y);

4var age = n;

var voteable = (age < 18) ? "Too young" : "Old enough";

alert(voteable);

JS Conditions

1if (x > y) {

alert("Hello World");

}

2

if (x > y) {

alert("Hello World");

}

else {

alert("Goodbye");

}

JS Switch

1

switch (fruits) {

case "Banana":

alert("Hello")

break;

case

"Apple":

alert("Welcome")

break;

}

2switch(fruits) {

case "Banana":

alert("Hello")

break;

case "Apple":

alert("Welcome")

break;

default:

alert("Neither");

}

JS For Loops

1let i;

for (i = 0;i < 10;i++) {

console.log(i);

}

2const fruits = ["Apple", "Banana", "Orange"];

for (x of fruits) {

console.log(x);

}

JS While Loops

1let i = 0;

while (i < 10) {

console.log(i);

i++

}

2let i = 0;

while (i < 10) {

console.log(i);

i = i + 2;

}

jS Break Loops

1 let i = 0;

while (i < 10) {

console.log(i);

i = i + 2;

}

2for (i = 0; i < 10; i++) {

if (i == 5) {

continue;

}

console.log(i);

}

JS HTML DOM

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

<script>

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

</script>

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

<script>

document.getElementsByTagName("p")[0].innerHTML = "Hello";

</script>

3<p class="test"></p>

<p class="test"></p>

<script>

document.getElementsByClassName("test")[0].innerHTML

= "Hello";

</script>

4<img id="image" src="smiley.gif">

<script>

document.getElementById("image").src = "pic\_mountain.jpg";

</script>

5<input type="text" id="myText" value="Hello">

<script>

document.getElementById("myText").value = "Have a nice day!";

</script>

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

<script>

document.getElementById("demo").style.color = "red";

</script>

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

<script>

document.getElementById("demo").style.fontSize = "40px";

</script>

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

<script>

document.getElementById("demo")

.style.display

= "

none

";

</script>

9<button id="demo">Click me1</button>

<script>

document.getElementById("demo").

addEventListener

("

click

", myFunction);

</script>