**JAVA *SCRIPT OPJECTS***

* JavaScript object is a non-primitive data-type that allows you to store multiple collections of data.

***Java script declaration:***

*Const object-name = {*

*key1: value1,*

*key2: value2,*

*}*

* Each object has an**object name***,* and each member of an object is a**key:value** pair separated by comma and enclosed by curly braces.
* In javascript the key:value is calleds as properties.

*const person = { name: 'John', age: 20 };*

* *Object are also defined in one single line.*

***Accesing Java script porperties:***

1. **Using DOT Notation**

Syntax**: objectName.key**

const person = {

name: 'John',

age: 20,

};

console.log(person.name);

1. ***Using PRACKET Notation***

Syntax**: objectName[“key”]**

const person = {

name: 'John',

age: 20,

};console.log(person[“name”]);

***Adding new properties:***

* We are able to and an new properties to an old object.

**person.nationality = "English";**

***Deleting properties:***

* The delete keyword deletes a property from an object
* The delete keyword deletes both property and its value
* After dwlection the property cannot be used.

const person = {

firstName: "John",

lastName: "Doe",

age: 50,

eyeColor: "blue"

};

delete person.age;

***Nested objects:***

* Values in an objectcan be another object.

myObj = {

name:"John",

age:30,

cars: {

car1:"Ford",

car2:"BMW",

car3:"Fiat"

}

}

* access nested objects using the dot notation or the bracket notation
* myObj.cars.car2;
* myObj.cars["car2"];
* myObj["cars"]["car2"];