**Write a blog about objects and its internal representation in JavaScript.**

**Object:**

Objects are important data types in java script. Objects are different from primitive data types (i.e. number, string, Boolean, etc.). Primitive data types contain one value but Objects can hold many values in the form of Key: value pair. These keys can be variables or functions and are called properties and methods, respectively, in the context of an object.

Every object has some property associated with some value. These values can be accessed using these properties associated with them.

var person= {};

person is a new object and used by a curly bracket. Object element saved in key value pairs.

person. Name =’ Arun ‘;

person. Age =25;

person. Qualification=’BSc’;

person. Salary=20000;

After creating a person object, the value inside the object can be accessed using keys.

i.e.

Person. Salary

Output: 20000

These values can be accessed using brackets notation also.

Person [salary]

Output: 20000

**The syntax for adding a property to an object is:**

Object name. keys= object value;

**The syntax for deleting a property from an object is:**

delete Object name. keys;

**The syntax to access a property from an object is:**

Object name. key

**Or**

Object name[key]

So, the conclusion and simple definition for Java Script properties is “keys are the values associated with a JavaScript Object”.

**Create JavaScript Object with Object Literal:**

One of easiest way to create a java script object is object literal, simply define the property and values inside curly braces as shown below

let vehicle = {

company: “hero”,

model: “splendor”,

price:83000,

year:2023

***Add some key values in object use the syntax:***

 Object name .key=value

vehicle. mileage=60

***Change the key values use the syntax:***

Object name. key=new value

vehicle. price=90000

***Delete some key values use this syntax:***

delete Object name. key

delete vehicle. year

**Finally the print the Object:**

Console.log(vehicle);

**Out put:**

company:”hero”,

model:”splendor”,

mileage:60;

price:90000;

**Create JavaScript Object with Constructor**

Constructor is nothing but a function and with help of new keyword, constructor function allows to create multiple objects of same flavor as shown below,

Function Vehicle(name, maker){

this.name = name;  
 this. maker = maker;

}  
let car1 = new Vehicle(’Fiesta’, 'Ford’);  
let car2 = new Vehicle(’Santa Fe’, 'Hyundai’)

console.log (car1.name); //Output: Fiesta

console.log (car2.name); //Output: Santa Fe

# Using the JavaScript Keyword new

The following example also creates a new JavaScript object with four properties:

Example:

var person = new Object();  
person.firstName = “John”;  
person.lastName = “Doe”;  
person.age = 50;  
person.eyeColor = “blue”;

console.log(person);

**OUT PUT:**

firstName:”John”,

lastName:”Doe”,

age:50,

eyeColor:”blue”