**Objects And Its Internal Representation In JavaScript:**

Objects, in JavaScript, is it’s most important data-type and forms the building blocks for modern JavaScript.

These objects are quite different from JavaScript’s primitive data-types&Non primitive data types.

**PRIMITIVE DATA TYPES:**

* Number
* String
* Boolean
* null
* undefined and symbol)

**NON PRIMITIVE DATA TYPES:**

* Array
* Object
* Function

# Using the JavaScript Keyword new

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

## By creating instance of Object directly (using new keyword):

The syntax of creating object directly is given below:

https://miro.medium.com/max/660/1*Cl7DNbx5EPkMmmxMgekUNQ.png

**Example**

var person = new Object();  
person.firstName = “Divya”;  
person.lastName = “Bharathi”;  
person.age = 25;

“A JavaScript object is a collection of named values having state and behavior (properties and method)”

For example: Person, car, pen, bike, Personal Computer , Washing Machine etc.

Let’s have an example of my favorite merc car and list out its properties(Features):

1. Make: Mercedes
2. Model: C-Class
3. Color: White
4. Fuel: Diesel
5. Weight: 850kg
6. Mileage: 8Kmpl
7. Rating: 4.5

var car = {Make: “Mercedes”, Model: “C-Class”, Color: “White”, Fuel: Diesel, Weight: “850kg”, Mileage: “8Kmpl”, Rating: 4.5};

Properties can usually be changed, added, and deleted, but some are read only.

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

ObjectName.ObjectProperty = propertyValue;

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

delete ObjectName.ObjectProperty;

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

objectName.property        // Car.Make

//or

objectName["property”]    // Car["Make"]

//or

objectName[expression]   // x = "Make"; Car[x]

So, Conclusion and simple definition for Java Script properties is “Properties are the values associated with a JavaScript object”.