**Objects and Its Internal Representation In JavaScript**

**Objects:**

* An object is essentially a collection of properties.
* Objects are different than primitive datatypes (i.e. number, string, Boolean, etc.).
* Primitive data types contain one value but Objects can hold many values in 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.

**Object creation:**

**Syntax:**

Primitive value . object name = new Object();

Eg: var myCar = new Object();

**The syntax for adding a property:**

**Syntax:**

Object Name.Object Property = propertyValue;

Eg: myCar.make = 'Suzuki';

myCar.model = 'Altros';

**Creating JavaScript Object with Object Literal:**

Eg: let bike = {name: 'SuperSport', maker:'Ducati', engine:'937cc'};

**Create JavaScript Object with Constructor:**

Eg:

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