**Objects and its internal representation in Javascript:**

Welcome to my blog. I thought of explaining Objects and its internal representation in JavaScript in this blog in simple way and easy to understand.

**What is an Object?**

A JavaScript object is a collection of named values having Properties and method.

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

an example of car and list out its properties:

**Object Properties Methods**

CAR car.name = kia car.start()

car.model = 500 car.drive()

car.weight = 850kg car.brake()

car.color = white car.stop()

Taking the above as reference of objects, Object properties and Methods. All cars have the same methods, but the methods are performed at different times.

JavaScript variables are containers for data values. Objects are variables too. But objects can contain many values.

const car = { model:"500", color:"white"};

This code assigns many values (500, white) to a variable named car.

The values are written as name:value pairs (name and value separated by a colon).

**Object Definition:**

we define a JavaScript object with an object literal:

ex:

const person = {firstName:"Ramaswamy", age:50, eyeColor:"black"};

**Object Properties:**

The name:values pairs in JavaScript objects are called properties:

**Property Property Value**

Name Ramaswamy

age 50

eyeColor black

Accessing Object Properties:

we can access object properties in two ways:

objectName.propertyName

or

objectName["propertyName"]

Ex:1

person.lastName;

Ex:2

person["lastName"];

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

**Object Methods**

Objects can also have methods. Methods are actions that can be performed on objects. A method is a function stored as a property.

Let person={

Name: “Ramaswamy”

Age:”50”

Greeting: function() {

Console.log(“welcome”);

}

};