# **Objects and its internal representation in javascript**

**Introduction**

Objects are important data types in javascript.“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.

Take the case of cars.

All cars have the same properties, but the property values differ from car to car. All cars have the same methods, but the methods are performed at different times.

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

var myCar = new Object();

myCar.make = 'Suzuki';

myCar.model = 'Altros';

myCar.year = 1978;

myCar.wheels = 2;

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

i.e.

myCar.year

Output: 1978

## **1)Objects:**

Syntax: var myCar = {make: 'Suzuki', model: 'Altros' year: 1978,wheels:2};

## **2)Object Properties**

The name:values pairs (in JavaScript objects) are called properties.

var myCar = {make: 'Suzuki', model: 'Altros' year: 1978,wheels:2};

## 

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## **3)Object Methods**

An object method is an object property containing a function definition.

i.e.,

Let’s assume to start the car there will be a mechanical functionality.

function(){return ignition.on}

and so similar is to stop/brake/headlights on & off, etc.  
So, conclusion and simple definition for Java Script Object methods is “Methods are actions that can be performed on objects.”