Objects and internal representation of JavaScript

JavaScript is an object based programming language so everything in JavaScript is usually an object which itself is inheriting from other objects.

Object are capable of storing complex values

Objects in JavaScript are a collection of **key-value pair**.

The collection can also include functions, which are called member functions and all the other keys are called its properties. Keys can either be a number or string

JavaScript has two types of objects: Built in and user defined object

Built in Object:

Provided by JavaScript core like Array, Strings, Boolean, RegExp

User defined Object:

Object created in your program and application.

let’s create an object named myCar and give it properties named make, model, and year as follows:

var myCar = new Object();  
myCar.make = 'Ford';  
myCar.model = 'Mustang';  
myCar.year = 1969;