**OBJECTS AND ITS REPRESENTATION:**

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.

Lets take a car for example, 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 my favorite BENZ car and list out 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

Taking the above as reference, I'll stress up on objects, Object properties and Methods.

**var car = "Mercedes”;**

The following code assigns **many values** (Mercedes, C-class, White and soo on) to a **variables** named Car:

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

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

**var <object-name> = {key1: value1, key2: value2,... keyN: valueN};**

So, conclusion and definition for JS objects is “**JavaScript objects are containers for named values”.**

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