**objects and its internal representation in Javascript?**

An object is **a standalone entity, with properties and type**. Compare it with a cup, for example. A cup is an object, with properties. A cup has a color, a design, weight, a material it is made of, etc. The same way, JavaScript objects can have properties, which define their characteristics

An object can be created with figure brackets {…} with an optional list of properties. A property is a “key: value” pair, where a key is a string (also called a “property name”), and value can be anything. Let us visualize this with the following syntax for creating an object in JavaScript.

**Syntax:**

let object\_name = {

key\_name : value,

...

}

**Example of objects**

let school = {

name : "Vivekananda School",

location : "Delhi",

established : "1971"

}

In the above example **“name”, “location”, “established”** are all **“keys”** and **“Vivekananda School”, “Delhi” and 1971**are values of these keys respectively. Each of these keys is referred to as **properties** of the object.