**Objects in JavaScript :**

* basics

//   object

const circle = {

  radius : 1,

  location :{

    x : 1,

    y : 1

  },

  isvisible : true,

  draw: function() {

    console.log("draw function");

  }

};

circle .draw();    //  method

* Factory Function

In JavaScript, a factory function is a function that returns an object. It is a way of creating and returning objects in a more controlled and customizable manner. Factory functions are a form of design pattern that enables the creation of objects with specific properties and behaviors.

**Why it is useful?**

If we have complex logic, and we have to create multiple objects again and again that have the same logic, we can write the logic once in a function and use that function as a factory to create our objects. It’s the same as a real-world factory producing products.

* Constructor Function