Objects in JavaScript

Objects in JavaScript is an important data-type and forms the building blocks for modern JavaScript. These objects are quite different from JavaScript’s primitive data-types such as Number, String, Boolean, null, undefined and symbol in a way that while these primitive data-types all store a single value each, Object can hold multiple values.

Objects are complex and can contain any combination of these primitive data-types as well as referenced data-types. An object is a reference data type. Variables that are assigned a reference value are given a reference or a pointer to that value. That reference or pointer points to the location in memory where the object is stored. The variables don’t actually store the value.

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 and value can be anything.

For example:

Let Person{

Name: “Mano”,

City: “Chennai”,

Designation: “Full Stack Developer”,

}

Here “Name”, “City”, “Designation” are Keys and “Mano”, “Chennai”, “Full Stack Developer” are the values. Each of these keys is referred to as properties of the object.