**OBJECTS**

Objects is a composite data type. It is a KEY:VALUE pair, ARRAY, FUNCTION

{1:” guvi”} [10,20,30] function f() {}

const car = {type:"Fiat",

model:"500",

color:"white"};

The KEY:VALUE pair in javascript object is called properties.

**ACCESSING THE JAVASCRIPT OBJECTS:**

A JavaScript object has properties associated with it. A property of an object can be explained as a variable that is attached to the object. Object properties are basically the same as ordinary JavaScript variables, except for the attachment to objects. The properties of an object define the characteristics of the object. You access the properties of an object with a simple dot-notation.

**objectName.keyName or**

**objectName[“keyName”]**

**OBJECT INTERNALS-ARRAY IS ALSO AN JSON OBJECT:**

Everything is JSON object except primitives.

A Javascript Array is exclusively numerically indexed

Javascript arrays cannot have "string indexes“

When you set a "string index", you're setting a property of the object

Those properties are not part of the "data storage" of the array.

**OBJECT METHODS:**

Objects can also have **methods**.

Methods are **actions** that can be performed on objects.

Methods are stored in properties as **function definitions**.

A method is a function stored as a property.

**What is this?**

In Javascript,this keyword refers to an object

The this keyword refers to different objects depending on how it is used.

NOTE: this is not a variable .It is a keyword.You cannot change the value of this.