**Objects In JavaScript**

In JavaScript, objects are collections of key-value pairs, where keys are strings (or symbols) and values can be of any data type, including other objects. Objects are used to represent real-world entities, data structures, and more complex data types.

Internally, JavaScript engines use various data structures to represent objects efficiently. One common approach is using a hash table or a similar structure to store the object’s properties and their corresponding values. This allows for fast access and manipulation of properties.

1. let learn = {name: 'Subash', Platform:'GUVI', Course:'Full Stack Dvelopment'};
2. var mobile= new Object();

mobile.brand= “OPPO”

mobile.model=”F19 pro+”

mobile.battery=”4310mAh”

mobile.processor=”Dimensity 800U”

**3. Using a Constructor Function**:

function Person(firstName, lastName, age) {

this.firstName = firstName;

this.lastName = lastName;

this.age = age;

this.fullName = function() {

return this.firstName + " " + this.lastName;

};

}

const person1 = new Person("John", "Doe", 30);

**4.Iterating over properties**

for (let key in person) {

console.log(key + ": " + person[key]);

}

**5.Accessing Object properties**

console.log(person.firstName);

console.log(person["lastName"]);

**5.Object Literals:**

const person = {

firstName: "John",

lastName: "Doe",

age: 30,

fullName: function() {

return this.firstName + " " + this.lastName;

}

};