

2. Write a blog about objects and its internal representation in Javascript.

what is an object in javascript?

An object is a collection of properties, and a property is an association between a name and a value. A properties value can be a function, in which case the property is known as a method. Objects in JavaScript, just as in many other programming languages, can be compared to objects in real life.

1. Objects are a fundamental data type in JavaScript. They are used to store data and functions together. Objects are created using curly braces, and the properties are listed inside the curly braces, separated by commas.

for example: **const person = {**

name: "Aishwarya",

degree: "BCA"

};

2. The properties of an object can be accessed using the dot notation only. To access the name property of the person object we would use dot operator.

for example: **console.log(person.name);** //Aishwarya

3. Objects can also contain functions. These functions are called methods. Methods are defined inside the object, just like properties. To call a method, you use the dot notation, followed by the method name and parentheses.

for example: **person.greet();** //"Hello, my name is Aishwarya!"

- Objects are a powerful way to organize data and functions in JavaScript. They are used in almost every JavaScript application.
- Objects are important data types in javascript, Objects are different than primitive datatypes (i.e. number, string, boolean, etc.).
- Primitive data types contain one value but Objects can hold many values in the form of Key: value pair.
- These keys can be variables or functions and are called properties and methods, respectively, in the context of an object.
- Every object has some property associated with some value. These values can be accessed using these properties associated with them.