What is an Object in JavaScript?

An **object** is a **collection of data** stored in **key-value pairs**. Think of it like a mini-database or a real-world item with properties.

Example:

X What Are Object Methods?

Object methods are built-in functions that let you **work with objects** — read them, update them, copy them, check their keys, and more.

Here are the most useful ones:

Object.keys(obj)

Returns an array of keys.

```
javascript

Object.keys(person); // ["name", "age", "city"]
```



```
person.hasOwnProperty("name"); // true
    delete obj.key
Removes a key from an object.
                                                                              Copy Edit
 javascript
  delete person.city;
    Object.freeze(obj)
Makes an object read-only (can't change values).
                                                                              Copy Edit
 javascript
  Object.freeze(person);
◆ Object.seal(obj)
Prevents adding/removing keys, but lets you change existing values.
                                                                              Copy Edit
 javascript
  Object.seal(person); person.age = 30; // works person.job = "Engineer"; // won't be added
```

• Quick Recap:

Method	What it Does
Object.keys()	Gets all keys
Object.values()	Gets all values
Object.entries()	Gets key-value pairs
Object.assign()	Copies/merges objects
hasOwnProperty()	Checks if a key exists
delete	Removes a key
Object.freeze()	Makes object unchangeable
Object.seal()	Locks structure, allows value updates