# Objects and its internal representation in JavaScript

# JavaScript is a powerful programming language, widely used for web development. Object in JavaScript is a collection of properties, where each property is defined as a Key-Value pair.

# Object in JavaScript

# Everything in a Java Script is an object example simple data structures, functions, and arrays. The object in the standalone entity, with properties and type.

let person = {

name: "Alice"**,**

age: 25,

greet: function() {

console.log("Hello, my name is " + this.name);

}

};

# Here, person is an object with properties name, age, and greet. The greet property is a function, which is also an object in JavaScript.

# Internal Representation

# JavaScript objects are implemented through shapes  and slots. These are data structures used by JavaScript engines