

**script.js**

```
1  console.clear();
2
3  // Objects in JavaScript
4
5  // An object is a collection of key value pairs where each key is a string and each value can be of other data types including
   other objects.
6
7  let person = {
8
9      name: "Vinod",
10
11     age: 30,
12
13     isStudent: false,
14
15     greet: function () {
16
17         console.log("Hi I am " + this.name);
18     }
19 }
20
21 person.greet();
22
23 console.log(person);
24
25 // Adding new properties
26
27 person.country = "India";
28
29 person.jobTitle = "Software Engineer";
30
31 console.log(person);
32
33 // Deleting properties
34
35 delete person.isStudent;
```

```
36
37 console.log(person);
38
39 // Object Methods
40
41 /*
42
43 1. Object.keys() - Returns an array of the object's own enumerable property names.
44
45 2. Object.values() - Returns an array of the object's own enumerable property values.
46
47 3. Object.entries() - Returns an array of the object's own enumerable string-keyed property [key, value] pairs.
48
49 4. Object.assign() - Copies all enumerable own properties from one or more source objects to a target object.
50
51 5. Object.fromEntries() - Creates an object from an array of key-value pairs.
52
53 6. Object.entries() - Returns an array of the object's own enumerable string-keyed property [key, value] pairs.
54
55 */
56
57 const product = {
58
59     name: "Laptop",
60
61     price: 30000,
62
63     brand: "Apple",
64
65     stock: 50
66 }
67
68 let keys = Object.keys(product);
69
70 console.log(keys);
71
72 let values = Object.values(product);
73
```

```
74 console.log(values);
75
76 let entries = Object.entries(product);
77
78 console.log(entries);
79
80 let copy = Object.assign({}, product);
81
82 console.log(copy);
83
84 let fromEntries = Object.fromEntries(entries);
85
86 console.log(fromEntries);
```