

Object as Dictionary

Monday, March 14, 2022 5:31 PM

- A JavaScript is essentially like a dictionary
- Each property is like a key in a map of key value pair
- Property and map notation can be used interchangeably

Internally it is like map

```
const person={
  name: "Sanjay",
  age:50
};

person.eat= function(food) {
  console.log(`person ${this.name} eats ${this.food} `);
}
```

Name	Sanjay
Age	50
Eat	function

Properties can be accessed in the dictionary format

```
console.log ( person [ 'name' ] );
```

```
console.log ( person [ 'age' ] );
```

```
person[ 'eat' ] ('Lunch'); //we can even call function in this way.
```

Javascript for-in loop

- ES5+ has a for-in loop
- It loops over the key of an object or index of an array
- It can be useful to display all information from an object

```
oo-js > JS oo11-for-in.js > ...
1  const person={
2    name: "Sanjay",
3    email:'sanjay@gmail.com',
4    phone:'939933993',
5    age:50
6  };
7
8
9  for(let x in person) {
10   console.log(x, person[x]);
11 }
12
13
14
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

D:\MyWorks\Corporate\202203-infogain-react\ba:
oo11-for-in.js
name Sanjay
email sanjay@gmail.com
phone 939933993
age 50

