

JS

# Object Methods

## in JavaScript

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# Object.freeze

**Object.freeze** it prevents any changes to the object passed.

```
const data = {  
  username: "Sloba",  
  id: 15000,      ←  
  pw: "CodewithSloba"  
}  
  
Object.freeze(data);  
  
data.id = 10000;  ←  
console.log(data);  
// {username: "Sloba", id: 15000,  
pw: "CodewithSloba"}
```

value did  
not change



# Object.keys

**Object.keys** returns an array containing all the keys of the objects.

```
const data = {  
  username: "Sloba",  
  id: 15000,  
  pw: "CodewithSloba"  
}  
  
Object.freeze(data);  
console.log(keys);  
// ["username", "id", "pw"]
```



returns all the keys as  
an array



# Object.values

**Object.values** returns the values in the form of an array.

```
const data = {  
  username: "Sloba",  
  id: 15000,  
  pw: "CodewithSloba"  
}  
  
const values = Object.values(data);  
console.log(values);  
// ["Sloba", "15000", "CodewithSloba"]
```



returns all the values  
as an array

# Object.entries

**Object.entries** returns both: the keys and its values in the form of a nested array.

```
const data = {  
    username: "Sloba",  
    id: 15000,  
    pw: "CodewithSloba"  
}  
  
const allData = Object.entries(data);  
console.log(allData);  
// [[ "username", "Sloba" ], [ "id",  
    "15000" ], [ "pw", "CodewithSloba" ]]
```



returns all the keys along  
with values as an array



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# Object.assign

**Object.assign** is used for merging two objects as one.



```
const data = {  
  username: "Sloba",  
  id: 15000,  
  pw: "CodewithSloba"  
}  
  
const complain = {  
  complainId: 2209063  
}  
  
const allData = Object.assign(data, complain);  
  
console.log(allData);  
// {username: "Sloba", id: "15000", pw:  
"CodewithSloba", complainId: "2209063"}
```

merged keys and values  
of two objects



# Do you find it helpful?

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