

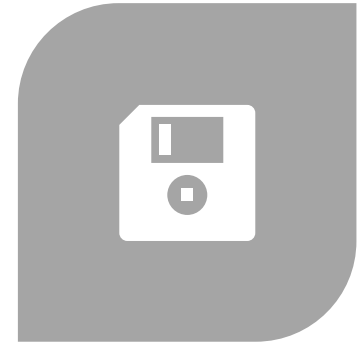
JavaScript Objects

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Object As Non-Primitive Data Type



PRIMITIVE DATA TYPE IS PASSED BY VALUE
BUT NON-PRIMITIVE DATA TYPE IS PASSED
BY REFERENCE.



PRIMITIVE DATA TYPE COPIED/COMPARED
BY VALUE BUT NON-PRIMITIVE DATA TYPE
IS COPIED/COMPARED BY REFERENCE.

Example 1

```
var A = {  
  "name": "abc"  
}
```

```
function updateObj(obj) {  
  obj.name = "def";  
  obj = {"name" : "ghi"}  
}
```

```
updateObj(A);  
console.log(A.name); //returns def
```

Example 2

```
var A = {  
  "name": "abc"  
}
```

```
var B = {  
  "name": "abc"  
}
```

```
var C = A;
```

```
console.log(A == B); // returns false  
console.log(A === B); // returns false  
console.log(C == A); // returns true
```

Example 3

```
var A = {  
  "name": "abc"  
}
```

```
var B = A;  
A.name = "def"  
console.log(B.name); // returns def
```