

## JS\_Json\_Obj

```
1  const bookObj = {
2    title: "Becoming",
3    author: "Michelle Obama",
4    isAvailable: false,
5  };
6
7  const bookJSON = JSON.stringify(bookObj);
8  console.log(bookJSON);
9
10 const receivedBookObj = JSON.parse(bookJSON);
11 console.log(receivedBookObj);
12 console.log(receivedBookObj.author);
13 console.log(typeof receivedBookObj);
14
15 const book = {
16   title: "1984",
17   author: "George Orwell",
18   isAvailable: true,
19
20   checkOut: function () {
21     this.isAvailable = false;
22   },
23
24   checkIn: function () {
25     this.isAvailable = true;
26   },
27 }
28
29 console.log(book.isAvailable); // true
30 book.checkOut();
31 console.log(book.isAvailable); // false
32 book.checkIn();
33 console.log(book.isAvailable); // true
34
35 const cat = {
36   name: "Pipey",
37   age: 3,
38   whatName: function () {
39     return this.name;
40   },
41 }
42
43 const dog = {
44   name: "Buddy",
45   whatName: cat.whatName,
46 }
47
48 console.log(cat.whatName()); // Pipey
49 console.log(dog.whatName()); // Buddy
50
51 console.log(JSON.stringify(book));
```