

# Javascript Object

**Object** creation by using 3 ways

- 1) `Const emp = { firstname:"Rinkal",age:25,salary:25000};`
- 2) `Const emp = {};`
- 3) `Const emp = new Object();`

Accessing **Object Properties** by using 2 methods

- 1) `emp.firstname = "ABC";`
- 2) `emp['age'] = 20;`
- 3) For..in loop

☑New property add by . with keyname

`Ex.emp.lastname="Adesara";`

-->Delete property by delete keyword with key value pair.

`Ex. delete emp.age; or delete emp["age"];`

-----Example-----

```
const emp = {  
  firstname:"Rinkal",  
  lastname:"Adesara",  
  age:24,  
  salary:35000  
};  
  
//emp.salary = 25000;  
  
for(var x in emp){  
  console.log(x +" is "+emp[x]);  
}  
  
delete emp.age;  
delete emp["salary"];  
  
for(var x in emp){  
  console.log(x +" is "+emp[x]);  
}
```

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## Javascript Object Methods

1) this keyword

```
2) function() {  
    }  
}
```

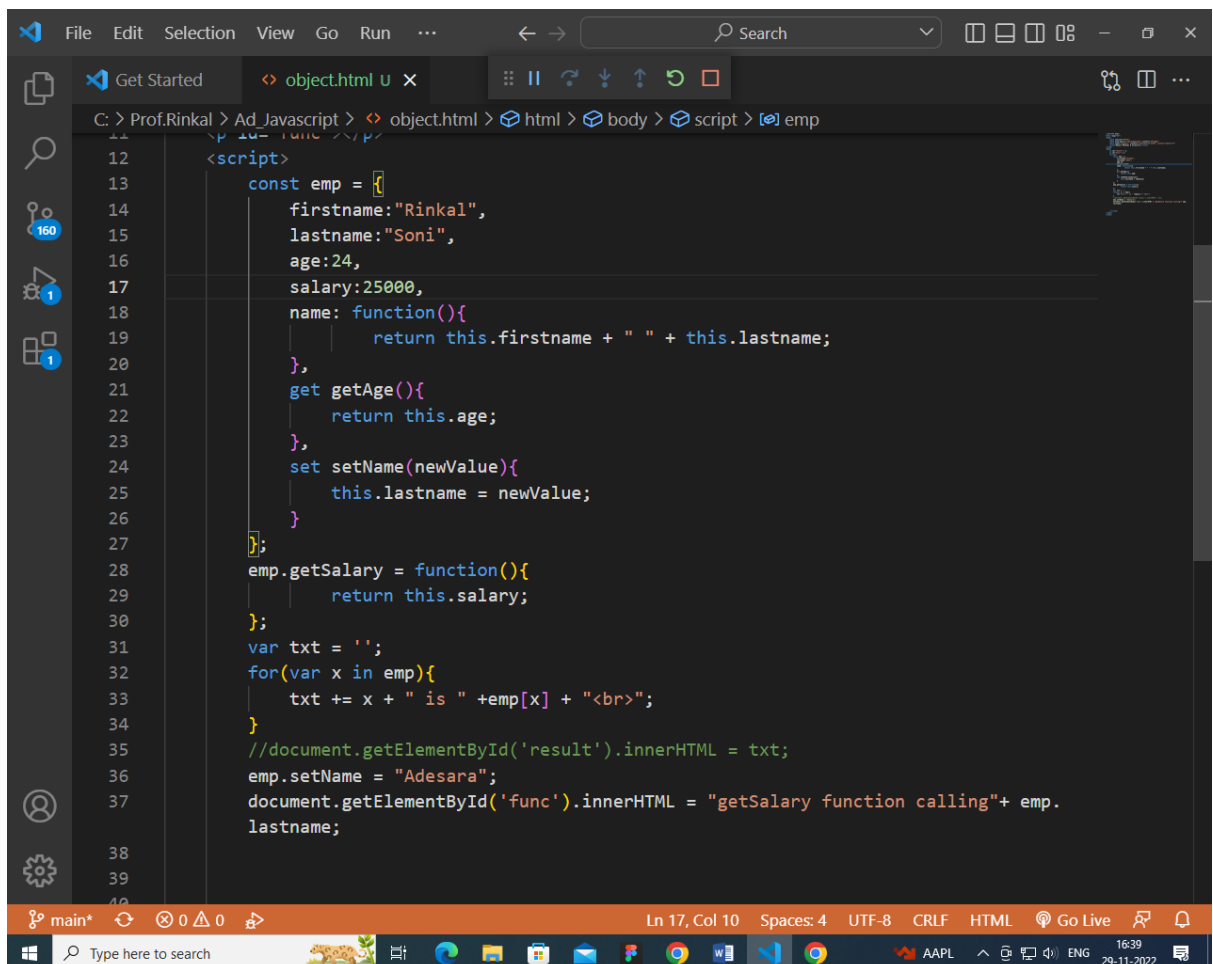
## Javascript Object Accessors

### 2 methods

1) getter & setter methods

```
2) get func_name() {  
    return this.name;  
}
```

```
3) set func_name(newValue){  
    this.name = newValue;  
}
```



The screenshot shows a VS Code editor window with a file named 'object.html'. The code defines an object 'emp' with properties 'firstname', 'lastname', 'age', 'salary', and a 'name' function. It also includes a 'getSalary' function and a loop to iterate over the object's properties. The code is as follows:

```
11 <!-- function -->  
12 <script>  
13     const emp = {  
14         firstname: "Rinkal",  
15         lastname: "Soni",  
16         age: 24,  
17         salary: 25000,  
18         name: function() {  
19             return this.firstname + " " + this.lastname;  
20         },  
21         get getAge() {  
22             return this.age;  
23         },  
24         set setName(newValue) {  
25             this.lastname = newValue;  
26         }  
27     };  
28     emp.getSalary = function() {  
29         return this.salary;  
30     };  
31     var txt = '';  
32     for (var x in emp) {  
33         txt += x + " is " + emp[x] + "<br>";  
34     }  
35     //document.getElementById('result').innerHTML = txt;  
36     emp.setName = "Adesara";  
37     document.getElementById('func').innerHTML = "getSalary function calling" + emp.  
38         lastname;  
39  
40
```