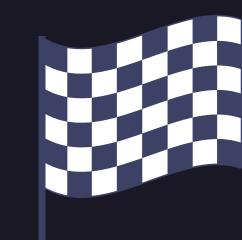


## Getters y setters

Introducción a JavaScript Mentor: Joshua Eduardo González Ruíz

## OBJETTVO





Aprender cómo y cuándo utilizar los getters y setters en JS.

Utilizarlos para realizar procesos de forma adecuada en el código.

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```
const auto = {
       name: "Chevrolet Aveo",
3
       version: "LS TM",
       year: 2022,
       fuel: "gasoline",
       horsepower: "107 HP",
       price: 249900,
8
       get obtainNewPrice() {
10
        let newPrice = this.price - (this.price * 0.1);
11
         return newPrice;
12
13
14
15
    console.log(auto.obtainNewPrice);
```

```
224910
Hint: hit control+c anytime to enter REPL.
```

```
18
     function Car() {
19
       this.name = "Chevrolet Aveo";
20
       this.version = "LS TM";
21
       this.year = 2022;
22
       this.fuel = "gasoline";
23
       this.horsepower = "107 HP";
24
       this.price = 249900;
25
26
       Object.defineProperty(this, "obtainNewPrice", {
27
        get() {
28
29
           let newPrice = this.price - (this.price * 0.1);
          return newPrice;
30
31
      });
32
33
34
     let car = new Car();
35
36
37
     console.log(car.obtainNewPrice);
38
39
```

#### 

Hint: hit control+c anytime to enter REPL.

```
1
     const auto = {
      name: "Chevrolet Aveo",
      version: "LS TM",
      year: 2022,
      fuel: "gasoline",
      horsePower: "107 HP",
      price: 249900,
      get obtainNewPrice() {
10
         let newPrice = this.price - (this.price * 0.1);
11
12
         return newPrice;
13
      },
14
       set setNewHorsePower(hp) {
15
         this.horsePower = hp;
16
17
18
19
     //console.log(auto.obtainNewPrice);
20
21
     auto.setNewHorsePower = "110 HP";
22
23
     console.log(auto.horsePower);
24
```

#### 110 HP Hint: hit control+c anytime to enter REPL

```
25
     function Car() {
26
       this.name = "Chevrolet Aveo";
27
28
       this.version = "LS TM";
      this.year = 2022;
29
30
       this.fuel = "gasoline";
31
       this.horsePower = "107 HP";
32
       this.price = 249900;
33
       Object.defineProperty(this, "obtainNewPrice", {
34
35
        get() {
36
           let newPrice = this.price - (this.price * 0.1);
37
           return newPrice;
38
39
       });
40
41
        Object.defineProperty(this, "setNewHorsePower", {
42
        set(hp) {
43
          this.horsePower = hp;
44
45
       });
46
47
     let car = new Car();
49
     //console.log(car.obtainNewPrice);
51
     car.setNewHorsePower = "110 HP";
53
     console.log(car.horsePower);
```

#### 110 HP Hint: hit control+c anytime to enter REPI

# Tiempo de practicar



## Referencias

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