





Getters and Setters

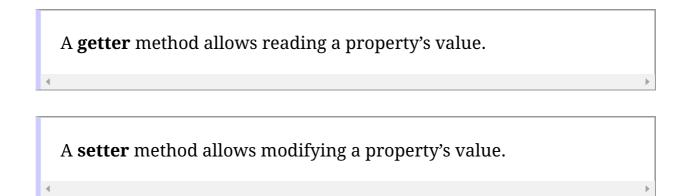
In this lesson, we will learn about getters and setters in OOP.

We'll cover the following ^

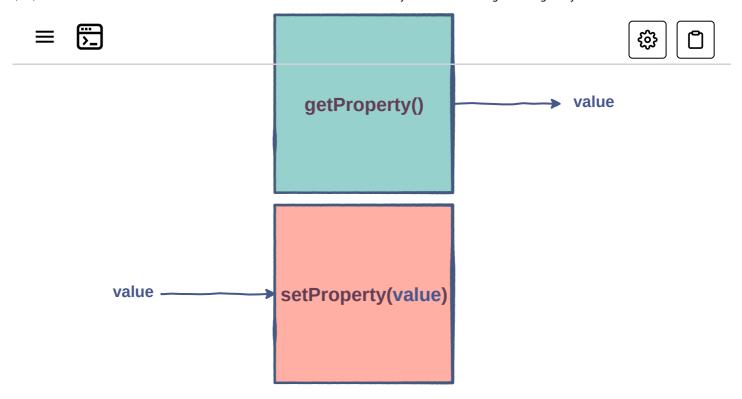
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Get and Set

In order to allow controlled access to properties from outside the class, getter and setter methods are used.

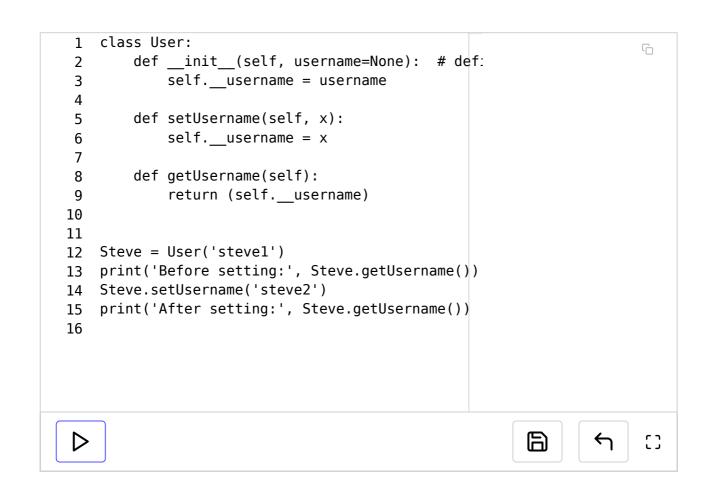


It is a common convention to write the name of the corresponding member fields with the get or set command.



Example

Let's write get and set methods for __username in our User class:



In the above class, User, we have defined a private property, named username, which the main code cannot access. Also, note that we have started the name of this private property with __.

For this property to interact with any external environment, we have to use the get and set functions. The get function, getUsername(), returns the value of __username and the setUsername(x) sets the value of __username equal to the parameter x passed.

Now let's understand encapsulation using examples in our next lesson.

