

Accessors and Mutators

These are the types of methods that can be written inside any class

Accessor methods are useful for reading the property of a class or an object.

Mutator is used for writing and updating properties of class and its objects.

So these methods can be called as reading and writing methods

These methods are followed by object oriented programming

Example : class Rectangle

Program:

Input:

```
class Rectangle:
    def __init__(self, l, b):
        self.length = l
        self.breadth = b

    def getlength(self):#get method for length
        return self.length#returning parameter length for changing the length

    def setlength(self, l):
        self.length=l

    def area(self):#calculating area of the rectangle
        return self.length * self.breadth

    def perimeter(self):# this will return perimeter of a rectangle
        return 2*(self.length+self.breadth)

r=Rectangle(10,20)
print(r.getlength())
r.setlength(15)#calculating the area by 15
print(r.area())#checking the area
```

Output:

```
10
300
```