Challenge 2: Implement the Complete Student Class

In this challenge, you will implement a student class.

WE'LL COVER THE FOLLOWING

Problem Statement

Implement the complete `Student` class by completing the tasks below

Task

Implement the following properties as **private**:

- `name`
- `RollNumber`

Include the following methods to get and set the **private** properties above:

- `getName()`
- `setName()`
- `getRollNumber()`
- `setRollNumber()`

Implement this class according to the rules of encapsulation.

Input

Checking all the properties and methods.

Output

Expecting perfectly defined fields and getter/setters.

> **Note:** Do not use initializers to initialize the properties. Use the set methods to do so. If the setter is not defined properly, the corresponding getter will also generate an error even if the getter is defined properly.

Coding Exercise

First, take a close look and design a step-by-step algorithm before trying the implementation. This problem is designed for your practice, so initially try to solve it on your own. If you get stuck, you can always refer to the solution provided in the solution review.

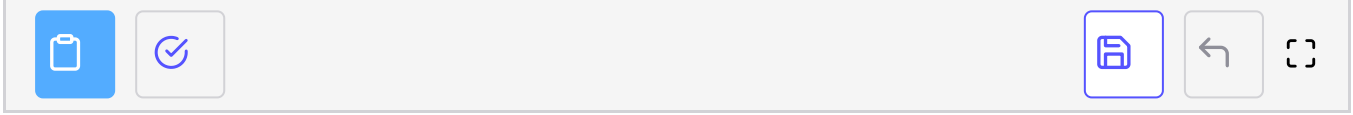
Good luck!

```
class Student:
    def setName(self):
        pass

    def getName(self):
        pass

    def setRollNumber(self):
        pass

    def getRollNumber(self):
        pass
```



The solution will be explained in the next lesson.