Class_Act23

💡 Encapsulation Activity: Student Report Card System

🎯 Objective:

Practice **encapsulation** by handling multiple private data fields (grades in different subjects) and controlling access through getters/setters. Students will also calculate GPA based on valid grades only.

📌 Scenario:

Create a class to manage a student's grades across multiple subjects. The grades must be stored securely (private), and updated only through proper methods. Include a method to compute GPA.

🧱 Task Instructions:

1. Create a class `Student`.

2. Use `init()` to initialize:
   - Student name (public)
   - Grades for 3 subjects (`__math`, `__science`, `__english`) – **private**

3. Add:
   - Getter methods for each subject.
   - Setter methods that validate grade input (0-100).
   - A method `calculate_gpa()` that returns the average of all grades.

4. Add a method `display_report()` that prints all info in a clean format.