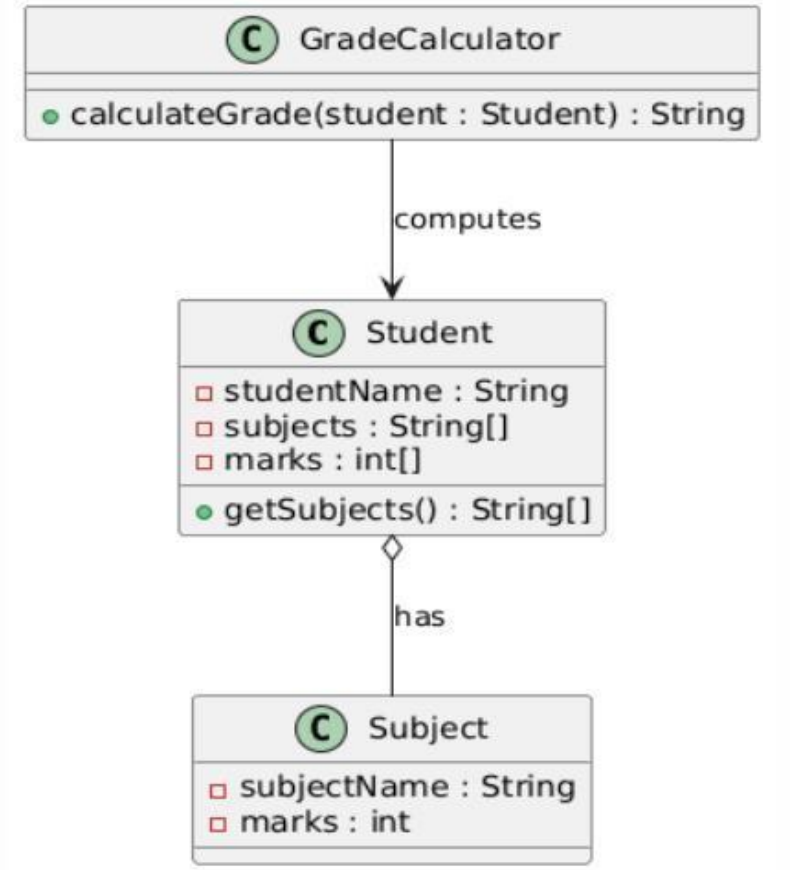
Problem 1: School Results Application

Class Diagram
Diagram Description: Classes: Student, Subject, GradeCalculator
Relationships:
A Student has multiple Subject entries (Aggregation).
GradeCalculator computes the results for a Student.



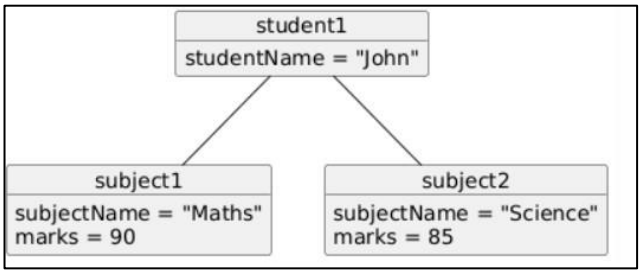
Object Diagram

Example:

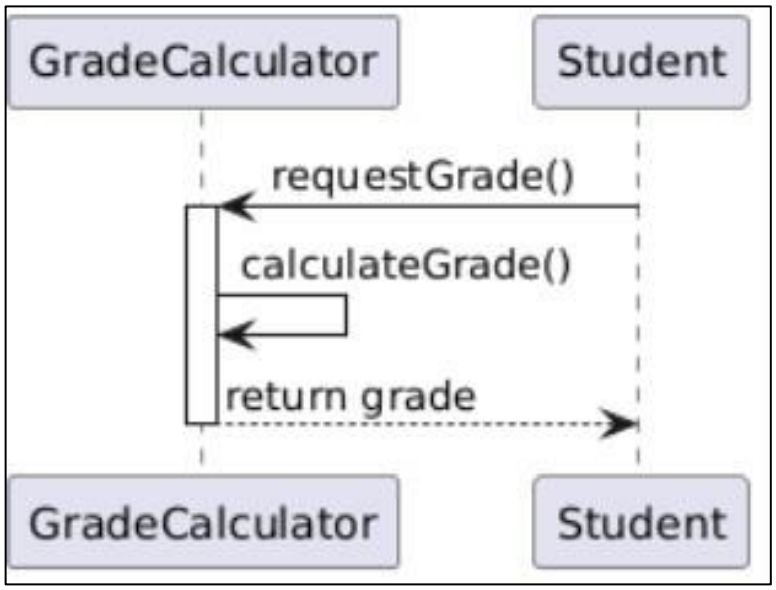
Student: John

Subjects: Maths, Science

Marks: 90, 85



Sequence Diagram

Scenario: A student requests their grade based on marks in subjects.

Actors: Student, GradeCalculat