This is an optional project.
It has 4 parts, and each part builds on the previous part.

1. Write a class definition that represents a student in a school.
2. A student should have the following attributes:
    a. First name
    b. Last name
    c. ID
        i. This is a string that starts with letter 'S' and is followed by a number.
        ii. Example: S101 or S777
    d. A collection of courses that the student is taking for the current semester.
        i. What data structure (choose something from STL containers) would you pick for this collection?
    e. Any other reasonable attributes that you may want to add.
3. Add the following behavior (API):
    a. GetName method
    b. GetID method
    c. Other methods to return the attributes, as needed.
    d. Output operator that prints the students name and ID, separated by a delimiter, say, a comma.

4. Given the course attribute, it would then follow that you would want a class to represent a course offered at the school.
5. Write a class definition and corresponding implementation for a course.
6. A course should have the following attributes:
    a. Course name (string)
    b. Course prefix (string)
    c. Course Number(string)
    d. Course ID(string)
7. Add the following behavior (API):
    a. Add a GetFullName method that returns the course prefix, course Number and the course name.
        i. Example: If course name is "Introduction to Computer Science" and prefix is CS, and number is 101, then GetFullName returns
        CS 101 Introduction to Computer Science

    b. Output operator that prints the full name (i.e., the string returned by GetFullName() method

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