# Lab 9b: Creating Student and Course Classes (Async)

1. **Student Class:**
   * Create a **Student** class with the following fields:
     + **Name** (string): The student's name.
     + **ID** (int): The student's ID number.
     + **Major** (string): The student's major.
     + **GPA** (double): The student's GPA.
     + **Program** (Program): Reference to Program
2. **Course Class:**
   * Create a **Course** class with the following fields:
     + **CourseCode** (string): The code of the course (e.g., "COMP101").
     + **Title** (string): The title of the course.
     + **Instructor** (string): The name of the course instructor.
     + **Credits** (int): The number of credits the course is worth.
3. **Program Class:**
   * Create a **Program** class with a list of **Course** objects representing the courses in the program.
   * Implement a method to add a course to the program.
   * Implement a method to remove a course from the program.
   * Implement a method to display all courses in the program.
4. **Program Execution:**
   * In the **Main** method of your program class, create an instance of the **Program** class.
   * Add a few **Course** objects to the program.
   * Display all courses in the program.

Be sure to handle user input validation, such as ensuring GPA is within a valid range and that course codes follow a specific format.