Project Title: Student Module Enrollment System with Prerequisite Checking
Objective:
Design a simple system that allows students to enroll in modules, ensuring that they have completed any required prerequisite courses. The system should utilize a blockchain-like structure to maintain immutability and transparency.
Requirements:
1. **Student class:**
    o Create a Student class that holds:
        ▪ Student ID
        ▪ List of completed course codes
2. **Module class:**
    o Create a Module class that holds:
        ▪ Course code
        ▪ List of prerequisite course codes
3. **Enrollment class:**
    o Create an EnrollmentSystem class that manages:
        ▪ A list of students
        ▪ A list of modules
        ▪ A method to add students
        ▪ A method to add modules
        ▪ A method to check if a student can enroll in a module based on prerequisite completion
        ▪ A method to enroll a student in a module
4. **Functionality:**
    o The system should allow adding modules with their prerequisites.
    o The system should allow students to complete courses.
    o The system should allow students to enroll in modules only if they meet the prerequisite requirements.
    o If enrollment is successful, return a success message; if not, return a failure message with the missing prerequisites.

Example Course Codes and Prerequisites
- **Modules:**
    o **CS101**: No prerequisites
    o **CS201**: Prerequisite: CS101
    o **CS301**: Prerequisites: CS201, CS202
    o **CS202**: Prerequisite: CS101