

LinkedList Activity

Create a **linkedListActivity** project with classes **Student** and **Main**.

In the **Student** class create:

- instance variables
 - first name
 - last name
 - ID
 - major
 - class standing (Freshman, Soph, etc.)
 - gpa
 - courseList
 - a **LinkedList** of the student's courses
 - use only the names of the courses as Strings
 - use the LinkedList imported from java.util.LinkedList
 - see page 1 & 2 of the LinkedList Assignment pdf
- constructor
 - parameters
 - first name, last name, ID, major, class standing
- methods
 - addCourse()
 - adds a course to the courseList LinkedList
 - removeCourse()
 - removes a course from the courseList LinkedList
 - getStudentInfo()
 - returns a String of student info
 - displayStudentCourses()
 - prints each course name from courseList

In the **Main** class create:

- a main method
- in the main, create 2 instances of the Student class
 - use appropriate argument values for the constructor parameters (name, id, etc.)
- for **each** Student instance:
 - add 3 or 4 classes to the course list
 - print the student's info
 - print the student's course list
 - remove 1 course
 - print the course list again