Lab 4

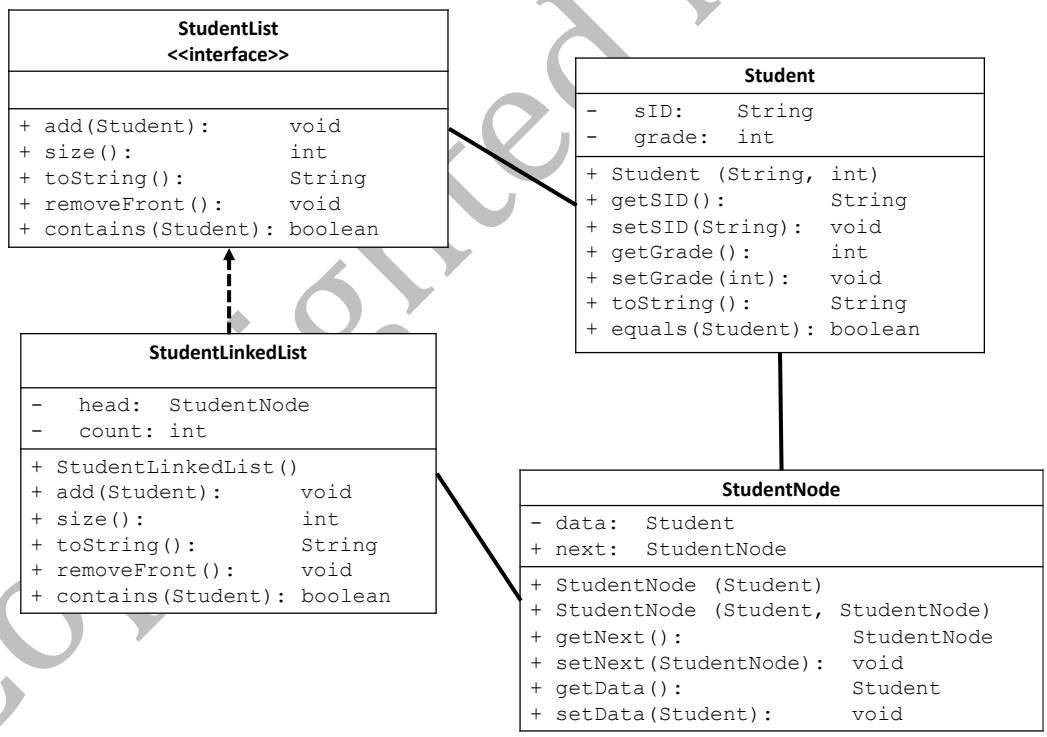
Reminder: Your code is to be designed and written by only you and not to be shared with anyone else. See the Course Outline for details explaining the policies on Academic Integrity. Submissions that violate the Academic Integrity policy will be forwarded directly to the Computer Science Academic Integrity Committee.
All materials provided to you for this work are copyrighted, these and all solutions you create for this work cannot be shared in any form (digital, printed or otherwise). Any violations of this will be investigated and reported to Academic Integrity.

Objectives

- Practice with interfaces and abstract data types
- Introduction to linked data structures

Exercise - Interfaces

In this lab you will be implementing the `StudentLinkedList` class depicted in the following UML diagram.
Recall: the dashed arrow implies that one class implements the interface pointed to, the solid line means one class uses the other class.



1. Download all provided java files to your Lab4 folder.
2. Compile and run `Lab4Tester.java` You should see a set of test results, mostly failing.
3. Complete the methods left as stubs in the `StudentLinkedList` starting with the `add` and `size` method. The `toString` method has been written for you – DO NOT change it.