John Malandrakis CUS1156

Lab 4

1. Each line represents the information required to create a StudentRecord object. The individual pieces of data are separated by comma delimiters.
2. The old method, inputStudentsFromConsole() returns a ClassRoster object and the new method, inputStudentsFromFile() returns a ClassRoster object as well. Inside the new method, StudentRecord objects will be added to a ClassRoster object and the ClassRoster object will be returned.
3. The Scanner constructor throws a FileNotFoundException and the two ways of handling it are either use a try/catch to deal with the exception, or add the exception to the method and throw it upwards.
4. The exception that is caught is a FileNotFoundException and the default action taken is to print the stack trace.
5. The exception that needs to be handled is an IOException and the default thing to do is print the stack trace.
6. Removing a number from a student entry in the students.txt results in an NoSuchElementException and removing the file altogether results in my try/catch clause executing correctly and displaying my error message.