

# Lab Report (Exceptions)

I/we the undersigned, promise that the submitted lab report is/are my/our own work. While I/we was/were free to discuss ideas with others, the work contained is my/our own. I/we recognize that should this not be the case; I/we will be subject to penalties as outlined in the course syllabus.

(By typing in your name below, you agree to Academic Integrity and honesty)

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Reflection:

Write a few lines explaining your lab learnings and answer the following questions

While working on the Course.java file I implemented an if statement that verified if the student to be enrolled passed no input, the NullPointerException would produce an error message. If the student did not select a valid course, the selection would be rejected. Two more exceptions were add that thrown if the student was either already enrolled or if the course selected was full. Once all exception protocols were debunked the student's new schedule was registered onto the academic record.

1) why a checked exception ClassFullException is used for failed condition - adding a student when the class size is full

The isClassFull() method checks if a class is at maximum capacity, ClassFullException is designed to inform the register that the burden has been met.

2) why a checked exception StudentAlreadyEnrolledException is used for the failed condition - the student is already enrolled in the class

StudentAlreadyEnrolledException class has a default constructor and method that gives the same message from Exception in the form of a super string to verify that the student is enrolled.

3) what are some other checked exceptions could be thrown from this code (Think at least 2 more)

NoSuchCourseException and NullPointerException.

4) why the unchecked exception (NullPointerException) used for the bad conditions of the student arguments.

It requires that the number of students to be enrolled is greater than zero.

**Why the fuck haven't you responded to my email?**