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

1. We use the checked exception ClassFullException for a failed condition because we want the exception to propagate up to the caller. We want the calling method to handle the exception in a try-catch block. We do this by specifying that the method throws the ClassFullException.
2. We use the checked exception StudentAlreadyEnrolledException for the failed condition because we want the calling method to handle the exception in a try-catch block. We specify that the method throws this exception.

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

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

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

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