Purification John

CMSC 204

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In this Assignment, I learned how to use generic classes. I began by implementing the NotationStack class, which implemented the StackInterface; the interface gave a fair definition of what methods were meant to accomplish. During the implementation, I noticed that exception classes were required, so I built those as well. Following the implementation of NotationStack, I worked on NotationQueue and subsequently Notation Class.

The jUnit Tests were failing when I was implementing the NotationStack and NotationQueue classes, so I changed and reran the tests till they passed. Even though the tests passed, I subsequently discovered that some function implementation was wrong since it was impacting the Notation class.

Notation Class was extremely difficult; youtube videos were extremely helpful in understanding the algorithm for converting infix expressions to postfix and posfix expressions to infix; however, knowing where to begin and what to begin was difficult; I added some helper methods to make the job easier.

I now have a better understanding of how to use generic queues and stacks.

