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**Class:** CMSC204 – 32461 **Instructor:** Farnaz Eivazi **Date:** 03/03/2021  
**Assignment: Project 2 (Notation) –Learning Experience**

**Learning Experience:**

I learned using generic classes in this Assignment. I started by implementing NotationStack class which was implementing the StackInterface, the interface provided good description of what methods supposed to do. During the implementation I realized that I needed exception classes so I created them as well. After implementation of NotationStack, I worked on NotationQueue and then worked on Notation Class.

*During implementing the NotationStack and NotationQueue classe, the jUnit Tests were not passing and I modified and re run until finally tests were passing. Even though test were passing, later I realized some method implementation is incorrect as it was affecting the Notation class.*

*Notation Class was very challenging , the youtube videos to understand the algorithm on how to convert infix expression to postfix and posfix to Infix was helpfully, however how to start and what to start was challenging, I added some helper methods to make the job easier.*

*Now I feel better on how to use generic queues and stacks.*