

Project 1: Expression Converter

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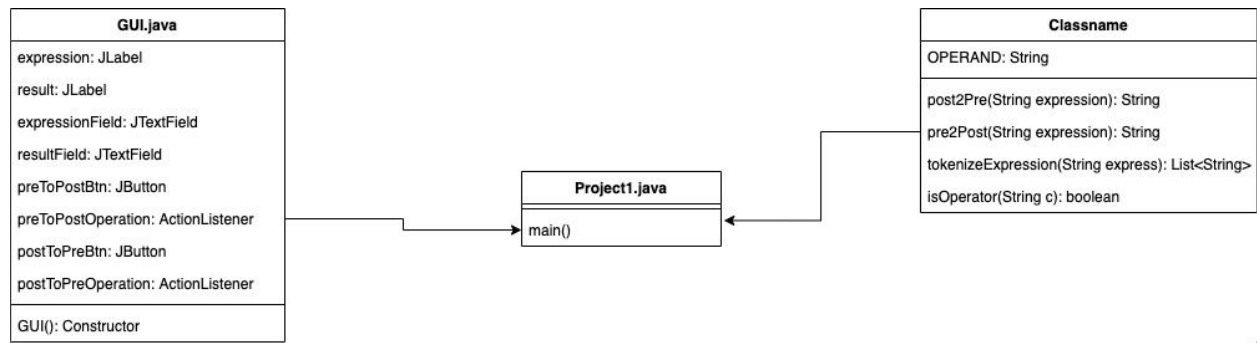
CMSC 350 6980

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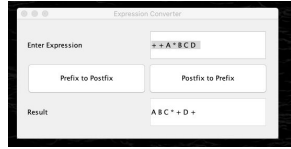
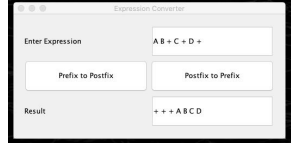

For Professor Ioan Salomie

University of Maryland Global Campus

UML Class Diagram -



Test Cases -

Input: pre or post	Input	Expected output	Screenshot
Prefix to Postfix	++ A * B C D	A B C * + D +	
Postfix to Prefix	A B + C + D +	+++ A B C D	
Prefix to Postfix	+ * A B * C D	A B * C D * +	

Lessons Learned -

Lesson I learned from doing this project was that now I know what 'tokenize' means. Also I learned what a UML diagram is and how beneficial it is to map out software projects. I think this would be very useful for a test engineer who has to write and do tests. With the diagram he is able to see all the methods and variables in a class and can accurately gauge how long it will take. Being able to accurately predict how long it will take to work on something is very important to project management.