Project 1: Expression Converter

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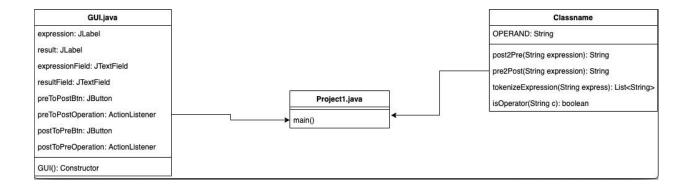
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## **UML Class Diagram -**



## **Test Cases -**

Input: pre or post	Input	Expected output	Screenshot
Prefix to Postfix	++A*BCD	A B C * + D +	Depression Converter  [Inter Expression ##A*#ECD]  Prefix to Postfix Postfix Postfix to Prefix  Result A E C + D +
Postfix to Prefix	A B + C + D +	+++ABCD	Expression Curvertor  Coter Expression  AB+C+D+  Prefix to Postfix  Postfix to Prefix  Result  +++ABCD
Prefix to Postfix	+ * A B * C D	A B * C D * +	Expression Converter  Enter Expression +* A B * C D  Prefix to Postfix Pestfix Pestfix to Prefix  Result A B * C D * +

Running Head: Project 1: Expression Converter

## **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.