

#### SUMMARY

I've done this type of project before, but it was a good refresher because it is crucial in static analysis. I think this assignment was fun to do in pseudocode because it was done on paper, versus most of our coding assignments being done on text editors. The easiest part was the input of the program, the hardest part was figuring out the two cases.

The work submitted is my own and I have not bent nor broken the Honor Code.

X    Jad Zeineddine

Does the program compile  
without errors? N/a

Does the program compile  
without warnings? N/a

Does the program run  
without crashing? N/a

Describe how you tested the  
program. Ran through with some test cases and end cases.

Describe the ways in which  
the program does *not* meet  
assignment's specifications. May not account for preconditions that involve user error.

Describe all known and  
suspected bugs. None known.

Does the program run  
correctly? The program is pseudocode, and it designed to be, once implemented,  
correct.

```
//str array of tokens [ "+", "3", "1"]  
String[] str  
Stack numStack  
For(int l = str.length()-1; l > 0 ; l--){  
    If(str[l] == "+" or "/" or "-" or "*"){  
        Int num1 = numStack.pop()  
        Int num2 = numStack.pop()  
        Int equal = num1 + str[l] + num2  
        numStack.push(equal)  
    }  
    else{  
        numStack.push(str[l])  
    }  
}  
return numStack.pop()
```