**CPSC 323 Project 2**

**Overview**

This program involves creating a program that traces input strings over a given set of characters and symbols that end with a '$' sign. Given the CFG and the parsing table, we have to trace input strings over the set {id+\*)(} ending with '$'. We also have to test with the three given input strings (1)(id+id)id$ (2) idid$ and (id\*)$.

**Setup**

1. Clone or download this repository to your local machine
2. git clone <https://github.com/kevinvqle/323hw2.git>
3. Make sure you have Python downloaded on your device

**Usage**

1. Open a terminal and navigate to the directory where the \*\*CFGScaner.py\*\* script is located.
2. Run the lexer by exexuting the following command.
   1. python3 CFGScaner.py
3. The output will be output as step, stack, input and action with all 3 strings being tested.

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