

P2 Documentation

NodeChain:

Implemented as a singly linked list, with only a head pointer, which is null when the list is empty.

LLStack:

Pop method returns null when there are no items in the stack.

I assume that input will be provided by the specifications in the program, bal and eval are the first element of each line. “bal” lines then have the expression to be evaluated, separated by a space, following. The expression containing no spaces. The “eval” lines have an expression to be evaluated with each token in the expression separated by a space.

The program can be invoked by compiling all the .java files, then running the main file, P2.java with a command line argument of the text file containing the input. In linux specifically this can be done by calling “java P2.java <inputfile>” after calling “javac *.java” while in the P2 directory.