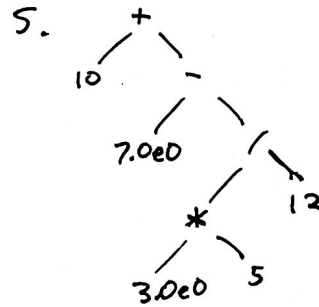


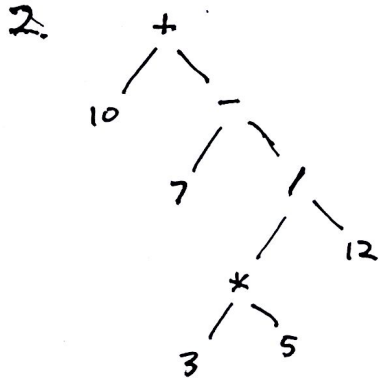
MILESTONE 1

Soo-Hyun Yoo
1/16/15

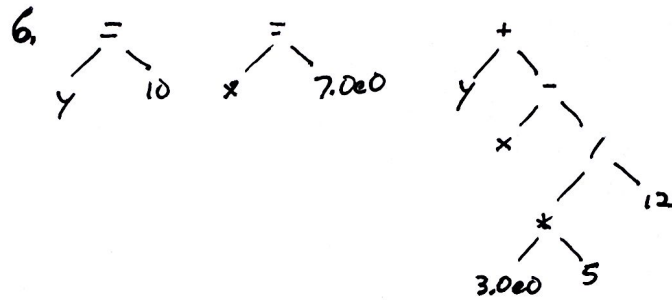
1. " Hello World\n
" Hello World" cr



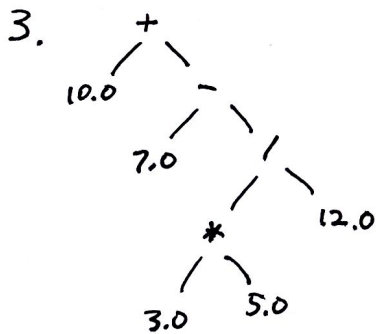
10 7.0e0 3.0e0 5 s>f f* 12 s>f f/ f- s>f ft



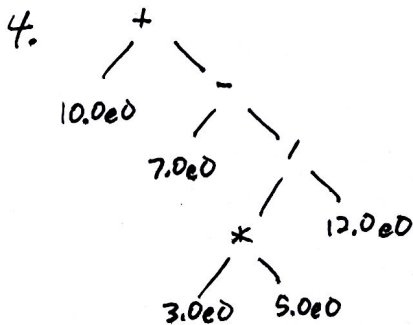
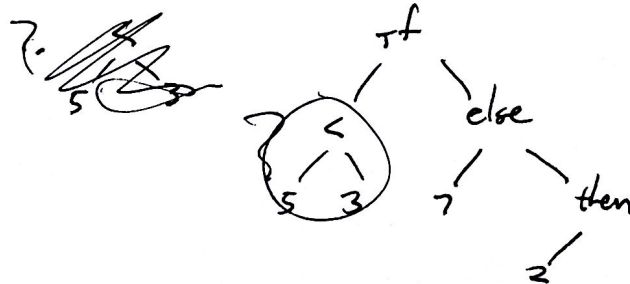
10 7 3 5 * 12 / - +



y @ x @ 3.0e0 5 s>f f* 12 s>f f/ f- s>f ft



10.0e 7.0e 3.0e 5.0e f* 12.0e f/ f- ft



10.0e0 7.0e0 3.0e0 5.0e0 f* 12.0e0 f/ f- ft

SPECIFICATION

This milestone gets me set up with the class Makefile and ~~encourages~~ encourages me to start learning forth and thinking about the many tree representation that will be crucial to successful translator design in the future.

PROCESSING

I learned the forth syntax by fiddling with code in the interpreter. I first generated some solutions in the interpreter alone, but drawing the trees and using postorder traversals allowed me to make the solutions more concise.

TESTING

Arithmetic results were verified using Python. The factorial calculator was run with multiple inputs. While generating the solution, I peeked at the stacks to verify intermediate steps were performed correctly.

RETROSPECTIVE

Forth is confusing.