EECS 662

Hao Luo

**Project 0 Document**

For the project 0, I tested it several times, the results as the following:

For my Q1 file, it was for the exercise 1.

Input: interp "1+3" result: Number 4 (type AE)

Input: parseAE "1+3" result: Plus (Number 1) (Number 3) (type AE)

Input: interp "1/(2-3)" result: Number (-1) (type AE)

Input: parseAE "1+(2-3)" result: Plus (Number 1) (Minus (Number 2) (Number 3)) (type AE)

Input: interp "(2\*4) + (7-9)" result: Number 6 (type AE)

From these test cases, I found that the Q1 file worked well.

For my Q2 file, it was for the exercise 2.

Input: parseAEE "If0 0 then 9+1 else 12" result: If0 (Number 0) (Plus (Number 9) (Number 1)) (Number 12) (type AEE)

Input: interp "If0 1 then 3 else 5" result: Number 5 (type AEE)

From these two test results, the Q2 file worked well.