

Wednesday, September 14

Name _____

Email _____

6.035 Fall 2016

Miniquiz #6

5 minutes

1. Consider the grammar:

$$E \rightarrow E + T \mid T$$

$$T \rightarrow T * F \mid F$$

$$F \rightarrow (E) \mid x$$

What is in $I = \text{Closure}(\{T \rightarrow T * \cdot F\})$?

What is in $\text{Goto}(I, F)$?

2. When constructing the parse table using the DFA, what happens if there are multiple options from the same state? What is one way to approach this problem?