

Thursday, September 13

Name _____

Email _____

6.035 Fall 2018

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, how does a terminal option and a nonterminal option from the state differ in the table?