

Friday, February 16

Name _____

Email _____

6.s081 Spring 2018

Miniquiz #6

5 Minutes

Consider the grammar:

1. $E \rightarrow E + T \mid T$
2. $T \rightarrow T * F \mid F$
3. $F \rightarrow (E) \mid x$

What are the first 5 steps of a shift-reduce parser for $(x * x) + x$?

Note: We assume the parser wouldn't take a step that would lead to an invalid string

What are the set of items generated by production 1?