

Tuesday, September 17

Name _____

Email _____

6.035 Fall 2019

Miniquiz #10

5 minutes

Consider the parse table and grammar from lecture:

State	ACTION			GOTO X
	()	\$	
s0	shift to s2	error	error	goto s1
s1	error	error	accept	
s2	shift to s2	shift to s5	error	goto s3
s3	error	shift to s4	error	
s4	reduce(2)	reduce(2)	reduce(2)	
s5	reduce(3)	reduce(3)	reduce(3)	

(1) $S \rightarrow X\$$

(2) $X \rightarrow (X)$

(3) $X \rightarrow ()$

1. What happens on the input $()\$$?

2. What happens on the input $(())$?