

Name _____

Email _____

6.1120 Fall 2025

Miniquiz #4

5 Minutes

Consider the following grammar:

$Start \rightarrow S$

$S \rightarrow (L)$

$S \rightarrow a$

$L \rightarrow L , S$

$L \rightarrow S$

1. Give the parse tree for the string $(a, (a, a))$

2. What is the role of a lexer?