

Wednesday, February 20

Name \_\_\_\_\_

Email \_\_\_\_\_

6.s081 Spring 2019

Miniquiz #6

5 Minutes

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1) Write a grammar for the language of balanced parentheses. For example, strings include “((( )))”, “()”, and “” (the empty string).

2) Write the pseudo-code for a recursive descent parser that recognizes whether or not a given string is in the language (i.e., it returns a boolean value).

As in lecture, use the variable `token` to denote the current token and the function `nextToken`, which fetches the next token and moves the cursor into the input stream forward.