

Wednesday, November 6

Name _____

Email _____

6.035 Fall 2019

Miniquiz #25

5 minutes

1. What does it mean for an analysis to be pessimistic or optimistic?

2. Suppose you stop an analysis partway through and optimize using the intermediary result. Which optimizations (out of Copy Propagation, Common Subexpression Elimination, and Dead Code Elimination) might accidentally change the program behavior, and which are guaranteed to still be correct when the analysis is only partially performed?