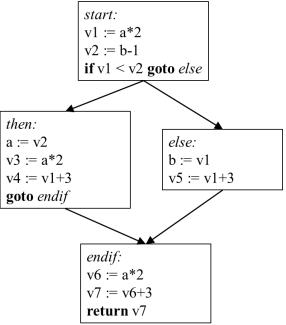
17-363/17-663: Programming Language Pragmatics, In-Class Exercises November **15, 2022** Andrew ID: _____

1. [Available Expressions]. Perform global value numbering and available expressions dataflow analysis to this program:



1. [Live Variables]. Perform live variable analysis on the program above, and eliminate dead code.