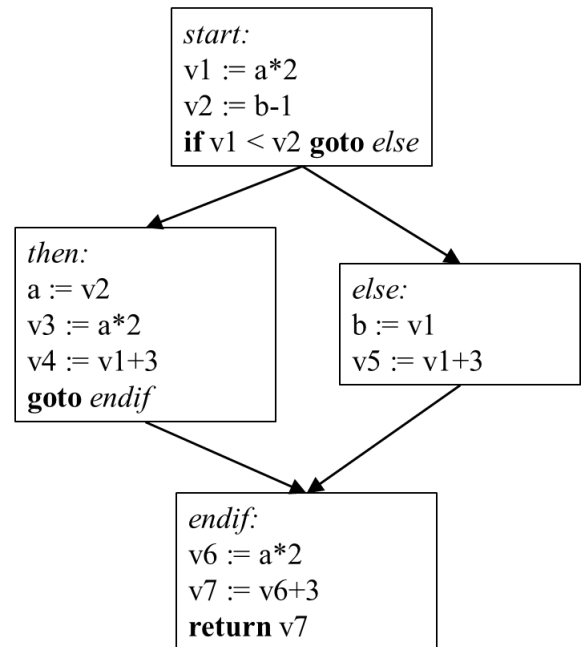


Andrew ID: _____

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.