

April 10, 2013

Name _____

6.035 Spring 2013

Miniquiz #19

5 minutes

Questions:

1. Ben Bitdiddle thinks he's found a simpler approach to code hoisting: he begins with the set containing the loop variable, and repeatedly scans all expressions to find variables depending on the variables in his set, updating it. Once this set stops changing, he then hoists all side-effect free code (e.g. no function calls or conditional branches) not involving these variables from the loop.

Give an example of Decaf loop code that Ben Bitdiddle's code hoister incorrectly hoists.

2. What is the most important rule for backing up your data? **1000 points.**