

Friday, April 20

Name Solutions

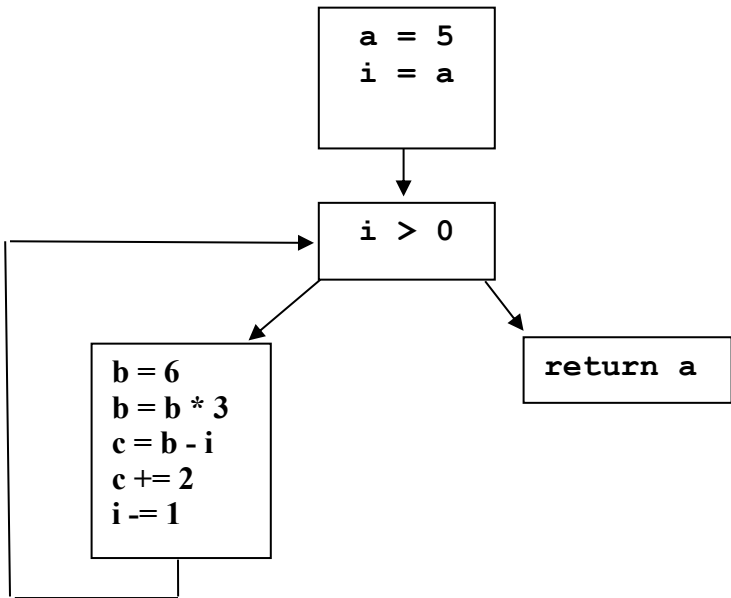
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6.s081 Spring 2018

Miniquiz #25

5 Minutes

Consider the following CFG:



Assume that the only free registers available to you are `%r10` and `%r11`.

1. Which variable would you spill to memory?

Would spill `a` to memory and load it back from memory when it's time to return.

2. How would you allocate the registers for the rest of the graph?

Have one register responsible for `b` and `c`, the other register responsible for `i`.