

Mini Quiz 16

github.com/6035/sp22

Name: _____

Kerberos username (omit @mit.edu): _____

Code for conditional Branch in CFG

- Each basic block has a label.
- Each conditional branch in CFG has True and a False edges (goes to basic blocks with label LT and LF respectively).
- Emit code for CFG tests condition. If true, jump to LT. If false, jump to LF.

Q: Emit code for a While loop in a CFG:

Q: How will your **non-optimizing** compiler handle data within registers, when transitioning between different Basic Blocks ?