

CSCE 531 Spring 2007
QUIZ 4
Assigned Monday, 07-04-02

The following are code templates for a command. Which one? Which of the two is both more commonly used and more efficient? **Answer:** the while command; the first one.

1. execute [while E do C] =
 JUMP h
 g: execute [C]
 h: evaluate[E]
 JUMPIF(1) g

2. execute [while E do C] =
 g: evaluate [E]
 JUMPIF(0) h
 execute[C]
 JUMP g
 h: