CS 201 Section 1 Homework 8 – due 6pm, Wednesday, March 1, 2000

1. Do Tanenbaum 4.10.

2. Do Tanenbaum 4.11. Assume that `i,j,k` are local variables.

4. Do Tanenbaum 4.17.

5. Do Tanenbaum 4.19/20. Turn in a single answer that uses the fewest states you can.

6. Tanenbaum Figure 4-24 suggests an "enhanced" Mic-1 instruction sequence for POP. In fact, it won't work. Explain why, and show how to fix it. (Hint: It's his usual forgetfulness about the timing of `fetch`.)