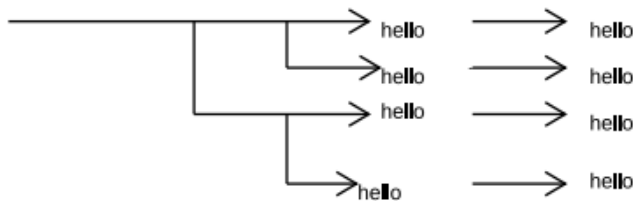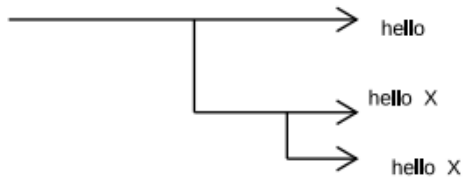Hayden Shelton
CS 4400 Fall '14

Problem Set 10

1. A. Fork is called once and returns twice.
B. Execve is called once and never returns.
C. Setjmp is called once and returns one or more times.

2. hello will get printed 8 times. See diagram below.

3. hello will get printed 3 times. See diagram below.

4. The program will output counter = 2. Each process has a different Counter. See diagram below.

5. The output could be any combination of the set {0, 1, 12, 02}. A, C, & E are possible outputs. See diagram below
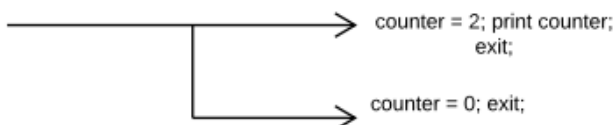
8.12

8.14

8.16

8.18