

CS 511C – Quiz 1: Transition Systems

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Pledge: I pledge my honor that I have abided by the Stevens Honor System.

Exercise 1

Consider the program:

```
1 int x = 0;
2 Thread.start { //P      Thread.start { //Q
3   x = x + 1;           while (x < 2)
4   x = x + 1;           print(x);
5 }                      }
```

Construct the transition system for this algorithm.

State format: $(IP-P, IP-Q, x)$

