

CS162, Spring 2004
Section 3 Quiz 1
Steve Martin

Directions: Complete the following questions as best you can. You're encouraged to discuss these questions with the people around you. This quiz IS NOT GRADED. Its only intended to help you understand the material.

1. What are the execution states for a thread/process? Draw a state diagram for a thread and label the edges.

2. What happens when a thread is 'Run'?

3. What is an internal event? How are they different from an external event?

4. What are the differences between forking a thread and forking a process?

5. Are thread forks or UNIX process forks more efficient? How could we improve efficiency?

6. What is the difference between an asynchronous and a synchronous system call?

7. What is the difference between a `thread.join()` and a `thread.sleep()` call?