CPSC 3125, Operating Systems Homework 08

Chapter 10, *Operating Systems, Three Easy Pieces*

Readings

Read chapter 10 in the *Operating Systems, Three Easy Pieces* book.

Discussion Questions

Answer the discussion questions in writing.

1. What is the difference between *multiprocessor* systems and *multicore* systems? How many processors does yur machine have? How many cores does your machine have?

2. What is the difference between *processes* and *threads*? What command do you use on your machine to see the running processes? Is there a command to see the running threads?

3. What is the problem of *cache coherence*?

4. What is *bus snooping*? What is the *bus*?

5. What is *cache affinity*? Why is cache affinity important?

6. Briefly describe *single-queue multiprocessor scheduling*i (SQMS).

7. Briefly describe *multi-queue multiprocessor scheduling* (MQMS).

8. How does *work stealing* work?