

# CS 460 Final Exam Topics

Topics from the book (chapter 1-6)

Your programming assignments

Articles read for class (Fedorova, CFS)

Code reviewed/used in class

(pipe, dup2, task\_struct, pthread\_mutex\_lock, \_\_schedule)

## **“Give an example”**

**List and describe two benefits of multi-threaded programming. Give an example to illustrate each benefit.**

**NO: You can do things in parallel.**

**YES: You can take a large task and break that task up into pieces. You can then run all of the pieces in parallel to solve the entire task more quickly.**