

Background

The primary purpose of these exercises is to gain further experience with processes, shared memory, and pipes. All exercises can be found in Chapter 3 of the Silberschatz text. Your programs should compile and run in the Mac OS X environment.

Exercise 3.15. See pages 143–144. Place your solution in `fib1.c`.

Exercise 3.19. See page 145. Place your solution in `fib2.c`.

Exercise 3.20. See page 146. The traditional C character functions — including `islower()`, `isupper()`, `tolower()`, and `toupper()` — should be helpful. Refer to the appropriate Unix manual pages, found in section 3. Place your solution in `pipe-fun.c`.

What to Submit

Place a copy of your completed programs in a folder, then drag this folder onto the EIU submit icon. Be sure your name appears as a comment somewhere near the top of each program. Provide meaningful internal documentation for your code.