ITBU 373, Operating Systems Homework 03

Chapter 5, *Operating Systems, Three Easy Pieces*

Readings

Read chapter 5 in the *Operating Systems, Three Easy Pieces* book.

Discussion Questions

Answer the discussion questions in writing.

1. What does `fork()` do? What are the arguments? What is the return value?

2. What is a *process identifier* (PID)? What does the PID allow you to do?

3. What is a *scheduler* (PID)? What does a scheduler do?

4. What does `wait()` do? What are the arguments? What is the return value? What is the difference between `wait()` and `waitpid()`

5. What does `exec()` do? What are the arguments? What is the return value?

6. What does `pipe()` do? What are the arguments? What is the return value? What is the `pipefd`?

7. What does `kill()` do? What are the arguments? What is the return value? What does `killall()` do? What is the difference between `kill()` and `killall()`?