CS170 SP2019 Quiz 4

This is a close book, close note quiz. Total points are 10. You have 15 minutes. Don't forget to put your name on the quiz.

1. Write a shell script that can provide following three options (1, 2, 3) for the user. The program should continue to run unless user choose the last option to exit. [6]

    (a) 1. Print only the permission information of all the files and folders under current working directory.

    (b) 2. Ask user to enter a string, then save the string user entered into a file named PID.txt where PID is the process ID number of current running scirpt.

    (c) 3. Exit

2. Briefly explain what are the three stages of compilation. [2]

3. What is the advantage of `make`? How does `make` work? [2]