

Assignment #: 1  
Student last name: Xu  
Student first name: Yimin  
Student number: 250876566  
Computer username: yxu537  
# of late coupon used: 0

By submitting this form, I declare that:

- \* I have read and understood the Departmental policies on Scholastic Offences.
- \* This assignment is exclusively my own work
- \* I have complied with the Departmental Rules of Ethical Conduct.
- \* I have taken all reasonable precautions to ensure that my work has not been copied by other students, including the protection of my files from access by other students.

1.
  - a. Operating system is a control program for a computer. It allocates computer resources, schedules tasks, and provides an interface to the user.
  - b. Kernel manages processes and resources. It controls and hides the hardware.
  - c. Shell is an interface between the user and the kernel. It's a command line interpreter.
2. To create a directory: `mkdir dir1`. To create a file: `vi df1`
3.
  - a. To display permission: `ls -l`
  - b. To display without the contents: `ls -d -l di*`
  - c. It will print out every file name, directory name, and the contents of the directories in the current directory.
  - d. Same as `ls *` but print twice

4.

- a. `find . -type d`
- b. `find . -name 'd*' -type f`
- c. `find . -mtime -1`