

THE UNIVERSITY OF WESTERN ONTARIO
DEPARTMENT OF COMPUTER SCIENCE
LONDON CANADA

Software Tools and Systems Programming
(Computer Science 2211a)

ASSIGNMENT 1

Due date: Tuesday, September 25, 2018, 11:55 PM

1.
 - a. An operating system is software encompassing a support and control role in collaborating basic functions and resource management, executing applications/tasks, coordinating hardware, and offering an interface to the user.
 - b. The kernel is the central component in the operating system. It manages the CPU time and memory. Microkernels contain basic functions only, and monolithic kernels include multiple device drivers.
 - c. A Unix shell is comprised of a user interface for the kernel and a command line interpreter (CLI).
2. To create a directory use "mkdir", and to create a file in that directory use "vi text_file_name".
3.
 - a. "ls -l"
 - b. "ls -ld di*"
 - c. Lists all files in the current director. This is the same as "ls" because globstar is disabled in our version.
 - d. Lists all files in the current director. This is the same as "ls" because globstar is disabled in our version.
4.
 - a. "find . -print"
 - b. "find . -type f"
 - d. "find . -mtime -2"

For the “script” command as far as I understood I must make a script for each question and the marker will be able to view the file and see the logs remotely. There is no screenshots involved. If my understanding is wrong please let me know and I will take screenshots of my work.