

Homework No.1
Due Date: October 1 2018
A late turn-in will not be accepted

- 1) List 5 system services/features and provide some examples (10%)
- 2) Describe 2 ways to obtain system services. (10% each)
- 3) Write a command line that lists files in a current directory and if the output is more than a page long as well as count how many files there are, it will output a page at one time until you hit spacebar. (10%)
- 4) Describe how Unix/Linux shell locates a given executable file when you don't specify full search path (10%)
- 5) Describe how Unix/Linux shell command interpretation work (10%)
- 6) Explain redirection in Linux and what are stdin, and stdout.. what different between stdout and stderr (10%)
- 7) Start editor (vi or emacs), write number 1-30 hit return for each and save them to a file "mynumber". Then suspend the editor and show that it is suspended or stopped but still active (in your job list). List the file. And resume the editor. (you can either show screen capture or describe commands). Check what is a process ID of editor and parent its process ID (20%)
- 8) List your directory that contains mynumber file in a long format. Explain the current file permission info. Change file permission mynumber so that your group can read only (20%)