1. access the command line
2. switch to different terminals
3. from server vm reboot your station vm using ssh
4. from workstation vm, copy /etc/hosts from server to student1 home folder
5. create a hard link in students home folder to /etc/hostname
6. create a softlink in students home folder to /boot/grub2/grub.cfg
7. make a folder in students home folder titled workbench
8. using a single command create 10 files in in the newly created workbench folder titled file1-10.txt
9. copy all of the files with a 9 in the name from ~/files to the workbench folder you created
10. find all of the man pages that contain the string IP and redirect the output of your command to ip.txt
11. create a backup of the files folder in your home folder
12. restart the ssh service
13. verify that the ssh service is enabled
14. copy the backup file to the server placing it in the /tmp folder
15. create users larry, sherlock and spock, set their passwords to P@ssw0rd
16. create groups titles newbs, geeks and nerds. Set the GID's to 5001,5002 and 5004
17. add larry to the newbs group, spock to the nerds group and sherlock to the geeks group
18. set the permissions on /home/student1/files/file40.txt so that everyone has read only permissions
19. set the permissions on /home/student1/files/file9.txt so that everyone has read and write permissions
20. create a folder in / that the user student1 and the group newbs owns the file
21. create a recurring task that appends the output of the hostname command to /home/student1/files/file23.txt every 10 minutes
22. install the package zsh
23. download the package lftp.rpm from http://server1/pub/materials/lftp.rpm
24. use the rpm command to install lftp
25. configure a repository that points to http://server1/pub/rhel-7.2/partial_20160219/
26. download the file extras.zip file from http://server1/pub
27. extract the file you just downloaded and move the shakespeare.txt file to the root of the student home folder
28. search the shakespeare.txt file for all instances of "thee"
29. Run the command cat /dev/zero > /dev/null &
    a. Use top to find the nice level of the cat command from the previous step
    b. Use ps aux to find the pid “ps aux | grep cat”
    c. Use the renice command to change the niceness of the running cat command, you can see the changes in top
    d. Use the kill command to terminate the cat command
    e. Use the nice command to start the command “cat /dev/zero > /dev/null &” with a nice value of 5
30. Log in to the VM on the first virtual terminal (*/dev/tty1*) as **root**
    a. Run the command sleep 15, wait for the command prompt
    b. Run the command sleep 30
    c. Use ctrl+z to send the task to the background, then fg 1 to bring it back to the foreground
    d. Have the student run sleep 30 &

e. Compare the results