**Quiz 4**

1. Write a script to delete blank lines in a file. Use cat and awk

ANS:sed -i '/^$/d' foo

2.  Write a script to delete duplicate lines

ANS:$ sort garbage.txt | uniq -u

3. Write a shell script to delete a directory tree.

./script.sh <directory>

4. Write a shell script to see if a process is running.

Hint: Parse output of ps command

5. Write a shell script to display the following:

Hostname, disk space usage, free & used memory, uptime and logged in users.

ANS: uname -n , df -H , uptime

6. Write a shell script to display syntax of a given command

7. Write a shell to check if a command is in PATH directory list

8. Write a shell script to transfer a file using ftp and scp.

Read about how to use ftp and scp commands in scripts. Come up with your own example.

9.  Write a shell script to delete files older than a week.

ANS:find /path/to/files\* -mtime +6 -exec rm {} \;

10. Write a shell script to implement -i version of cp command

11. Write a shell script that Searches down the directory tree from current directory, change the group owner of files in a directory to another group.

You should also check if new group exists, else, error out.

./script.sh oldgroup newgroup

12.  Write a shell script to list files in size order, smallest first.

ANS:ls -lS /path/to/folder/

Hint: ls and sort commands