Step 1:

To extract the TarDocs.tar archive I would Tar -xvf TarDocs.tar -C ~/Projects/

To create the Javaless\_Doc.tar archive from the TarDocs/ directory I would sudo tar -cvvf Javaless\_Doc.tar --exclude "TarDocs/Documents/Java" TarDocs

To ensure Java is not in the new Javaless\_Docs.tar archive I would tar -tvf Javaless\_Doc.tar | grep "Documents/Java"

To create an incremental archive called logs\_backup\_tar.gz I would Sudo tar -czvf logs\_backup.tar.gz --list-incremental==snapshot.file/var/log

Step 2:

To make back up the /var/log/auth.log file it would be 0 6 \* \* 3 tar -czf /auth\_backup.tgz /var/log/auth.log

Step 3:

To create the four subdirectories I Sudo mkdir -p ~/backup/{freeman,diskuse,openlist,freedisk}

#!/bin/bash

#Free memory output to a free\_mem.txt file free -h > ~backups/freemem/free\_mem.txt

#Disk usage output to a disk\_usage.txt file du -h > ~/backups/disuse/disk\_usage.txt

# List open files to a open\_list.txt file lsof > ~/backups/openlist/open\_list.txt

# Free command to disk space to a free\_disk.txt file df -h >

~/backups/freedisk/free\_disk.txt

Command to make the system.sh script executable: chmod +x system.s

●To copy system to system-wide cron directory: cp system.sh

/etc/cron.weekly

Step 4. ?

Resources:

rewatching classes unit 5.1, 5.2,5.3

grep print lines matching a pattern

-c create an archive

-v verbose, prints progress status and other useful info

-f indicates the title

https://www.youtube.com/watch?v=hGqjM9Wz-pU