Assignment 10

Step 1

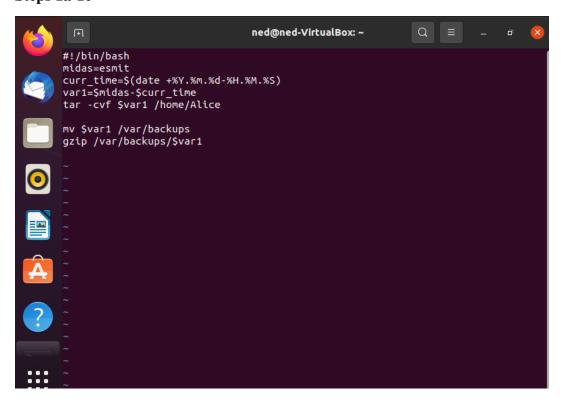
```
ned@ned-VirtualBox:~ Q = - □ &

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo_root" for details.

ned@ned-VirtualBox:~$ useradd -m -k /etc/skel Alice
useradd: Permission denied.
useradd: cannot lock /etc/passwd; try again later.
ned@ned-VirtualBox:~$ sudo useradd -m -k /etc/skel Alice
[sudo] password for ned:
```

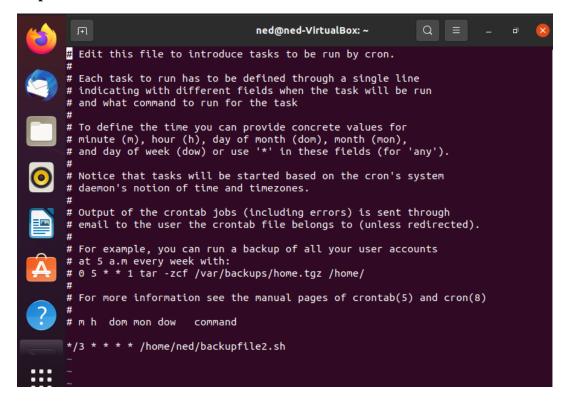
Steps 1a-1c



Checking /var/backups

```
ned@ned-VirtualBox:~$ chmod +x backupfile2.sh
ned@ned-VirtualBox:~$ ./backupfile2.sh
tar: Removing leading `/' from member names
/home/Alice/
/home/Alice/.profile
/home/Alice/.bash_logout
mv: cannot move 'esmit-2022.11.16-15.13.39' to '/var/backups/esmit-2022.11.16-1
5.13.39': Permission denied
gzip: /var/backups/esmit-2022.11.16-15.13.39: No such file or directory
ned@ned-VirtualBox:~$ sudo ./backupfile2.sh
tar: Removing leading `/' from member names
/home/Alice/
/home/Alice/.profile
/home/Alice/.bashrc
/home/Alice/.bashrc
/home/Alice/.bashrc
/home/Alice/.bash_logout
ned@ned-VirtualBox:~$ ls /var/backups
esmit-2022.11.16-15.13.51.gz
```

Steps 2-3



Extra Credit

Category	IP Address	Binary Format
Address	75.99.120.100	01001011.01100011.01111000.01100100
Netmask	28	11111111.11111111.111111111.11110000
Network	75.99.120.96	01001011.01100011.01111000.01100000
Broadcast	75.99.120.111	01001011.01100011.01111000.01101111
First IP	75.99.120.97	01001011.01100011.01111000.01100001
Last IP	75.99.120.110	01001011.01100011.01111000.01101110
Maximum Host in		14
Network		