

Names: Franklin Wang

Task 1) Create a directory and change permissions

```
franklin-wang@franklin-wang-VMware20-1: ~  
franklin-wang@franklin-wang-VMware20-1:~$ mkdir logs  
franklin-wang@franklin-wang-VMware20-1:~$ chmod 755 logs  
franklin-wang@franklin-wang-VMware20-1:~$ ls -l  
total 44  
drwxrwxr-x 2 franklin-wang franklin-wang 4096 Jan 23 09:53 Cryptography  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Desktop  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Documents  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 23 09:07 Downloads  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 23 10:53 logs  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Music  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Pictures  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Public  
drwx----- 4 franklin-wang franklin-wang 4096 Jan 22 19:04 snap  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Templates  
drwxr-xr-x 2 franklin-wang franklin-wang 4096 Jan 14 06:52 Videos  
franklin-wang@franklin-wang-VMware20-1:~$
```

Task 2) Using vi
vi todos.txt to open vi

[illegible]

Task 3) Rename file

```
franklin-wang@franklin-wang-VMware20-1:~$  
franklin-wang@franklin-wang-VMware20-1:~$ mv todos.txt completed.txt  
franklin-wang@franklin-wang-VMware20-1:~$ ls  
completed.txt  Desktop  Downloads  Music  Public  Templates  
Cryptography  Documents logs      Pictures snap  Videos  
franklin-wang@franklin-wang-VMware20-1:~$
```

Task 4) Make a copy of the file

```
franklin-wang@franklin-wang-VMware20-1:~$ mkdir docs  
franklin-wang@franklin-wang-VMware20-1:~$ cp completed.txt ~/docs  
franklin-wang@franklin-wang-VMware20-1:~$ ls  
completed.txt  Desktop  Documents logs  Pictures snap  Videos  
Cryptography  docs     Downloads Music  Public  Templates  
franklin-wang@franklin-wang-VMware20-1:~$ ls ~/docs  
completed.txt  
franklin-wang@franklin-wang-VMware20-1:~$
```

Task 5) Using cat, wc, and | (pipe)

```
franklin-wang@franklin-wang-VMware20-1:~$ cat ~/docs/completed.txt | wc -m  
33  
franklin-wang@franklin-wang-VMware20-1:~$ man wc  
franklin-wang@franklin-wang-VMware20-1:~$
```