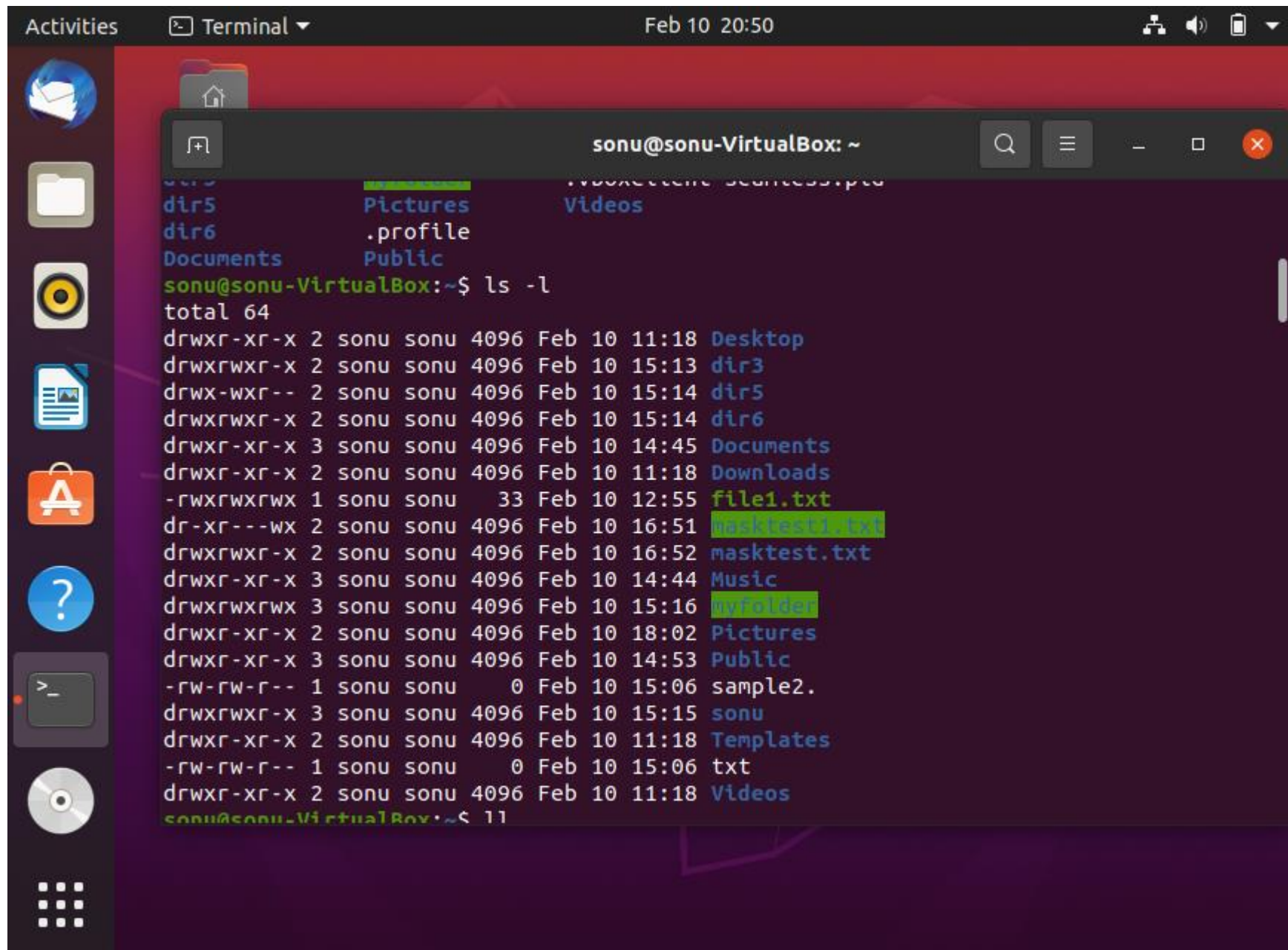


Commands in Linux



```
sonu@sonu-VirtualBox: ~  
su mo tu we th fr sa  
   1  2  3  4  5  6  
  7  8  9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28  
  
sonu@sonu-VirtualBox:~$ ls  
Desktop  dir6      file1.txt  Music      Public      Templates  
dir3     Documents masktest1.txt myfolder   sample2.    txt  
dir5     Downloads masktest.txt Pictures    sonu        Videos  
  
sonu@sonu-VirtualBox:~$ ls -a  
.          Downloads  sample2.  
..         file1.txt  sonu  
bash_history .gnupg     .sudo_as_admin_successful  
bash_logout .local     Templates  
bashrc      masktest1.txt txt  
cache       masktest.txt .vboxclient-clipboard.pid  
config      .mozilla  .vboxclient-display-svgx-x11.pid  
Desktop     Music     .vboxclient-draganddrop.pid  
dir3        myfolder .vboxclient-seamless.pid  
dir5        Pictures  Videos  
dir6        .profile  
Documents   Public
```





sonu@sonu-VirtualBox: ~



sonu@sonu-VirtualBox:~\$ ll

total 124

| | | | | | | |
|------------|----|------|------|------|--------------|----------------|
| drwxr-xr-x | 22 | sonu | sonu | 4096 | Feb 10 17:36 | ./ |
| drwxr-xr-x | 3 | root | root | 4096 | Feb 10 10:06 | ../ |
| -rw----- | 1 | sonu | sonu | 360 | Feb 10 14:02 | .bash_history |
| -rw-r--r-- | 1 | sonu | sonu | 220 | Feb 10 10:06 | .bash_logout |
| -rw-r--r-- | 1 | sonu | sonu | 3771 | Feb 10 10:06 | .bashrc |
| drwx----- | 14 | sonu | sonu | 4096 | Feb 10 18:02 | .cache/ |
| drwx----- | 10 | sonu | sonu | 4096 | Feb 10 11:20 | .config/ |
| drwxr-xr-x | 2 | sonu | sonu | 4096 | Feb 10 11:18 | Desktop/ |
| drwxrwxr-x | 2 | sonu | sonu | 4096 | Feb 10 15:13 | dir3/ |
| drwx-wxr-- | 2 | sonu | sonu | 4096 | Feb 10 15:14 | dir5/ |
| drwxrwxr-x | 2 | sonu | sonu | 4096 | Feb 10 15:14 | dir6/ |
| drwxr-xr-x | 3 | sonu | sonu | 4096 | Feb 10 14:45 | Documents/ |
| drwxr-xr-x | 2 | sonu | sonu | 4096 | Feb 10 11:18 | Downloads/ |
| -rwxrwxrwx | 1 | sonu | sonu | 33 | Feb 10 12:55 | file1.txt* |
| drwx----- | 3 | sonu | sonu | 4096 | Feb 10 11:17 | .gnupg/ |
| drwxr-xr-x | 3 | sonu | sonu | 4096 | Feb 10 11:17 | .local/ |
| dr-xr---wx | 2 | sonu | sonu | 4096 | Feb 10 16:51 | masktest1.txt/ |
| drwxrwxr-x | 2 | sonu | sonu | 4096 | Feb 10 16:52 | masktest.txt/ |
| drwx----- | 5 | sonu | sonu | 4096 | Feb 10 12:03 | .mozilla/ |
| drwxr-xr-x | 3 | sonu | sonu | 4096 | Feb 10 14:44 | Music/ |
| drwxrwxrwx | 3 | sonu | sonu | 4096 | Feb 10 15:16 | myFolder/ |
| drwxr-xr-x | 2 | sonu | sonu | 4096 | Feb 10 18:02 | Pictures/ |



sonu@sonu-VirtualBox: ~



```
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 videos/
```

```
sonu@sonu-VirtualBox:~$ touch task2.txt
```

```
sonu@sonu-VirtualBox:~$ nano task2.txt
```

```
sonu@sonu-VirtualBox:~$ cat task2.txt
```

```
This is task2 in Ubuntu
```

```
and updated
```

```
sonu@sonu-VirtualBox:~$ wc -l task2.txt
```

```
2 task2.txt
```

```
sonu@sonu-VirtualBox:~$ wc -w task2.txt
```

```
7 task2.txt
```

```
sonu@sonu-VirtualBox:~$ wc -c task2.txt
```

```
36 task2.txt
```

```
sonu@sonu-VirtualBox:~$ mv task2.txt Documents
```

```
sonu@sonu-VirtualBox:~$ cd Documents
```

```
sonu@sonu-VirtualBox:~/Documents$ ls -l
```

```
total 12
```

```
drwxrwxr-x 2 sonu sonu 4096 Feb 10 17:38 docs
```

```
-rw-rw-r-- 1 sonu sonu  14 Feb 10 14:07 newfile.txt
```

```
-rw-rw-r-- 1 sonu sonu  36 Feb 10 20:26 task2.txt
```

```
sonu@sonu-VirtualBox:~/Documents$ cp task2.txt newfile.txt
```

```
sonu@sonu-VirtualBox:~/Documents$ cat newfile.txt
```

```
This is task2 in Ubuntu
```

```
and updated
```

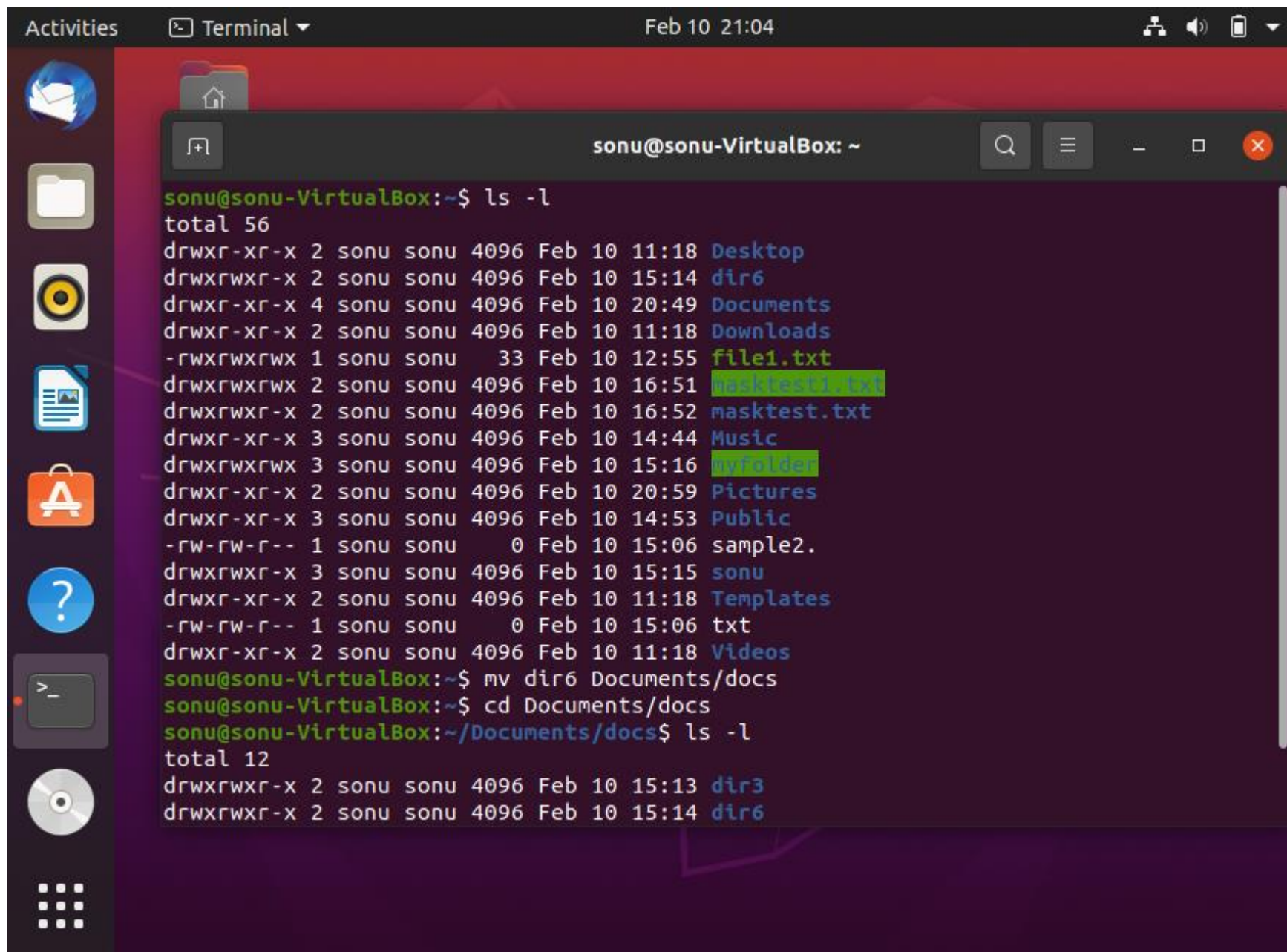
```
sonu@sonu-VirtualBox:~/Documents$ cd ../
```

```
sonu@sonu-VirtualBox:~$ cat task2.txt
```

Activities Terminal Feb 10 20:52

sonu@sonu-VirtualBox: ~

```
sonu@sonu-VirtualBox:~$ mv -r task2/sonu/
mv: invalid option -- 'r'
Try 'mv --help' for more information.
sonu@sonu-VirtualBox:~$ rm -r task2
sonu@sonu-VirtualBox:~$ ls -l
total 64
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3
drwx-wxr-- 2 sonu sonu 4096 Feb 10 15:14 dir5
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6
drwxr-xr-x 3 sonu sonu 4096 Feb 10 20:29 Documents
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Downloads
-rwxrwxrwx 1 sonu sonu 33 Feb 10 12:55 file1.txt
dr-xr---wx 2 sonu sonu 4096 Feb 10 16:51 masktest1.txt
drwxrwxr-x 2 sonu sonu 4096 Feb 10 16:52 masktest.txt
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:44 Music
drwxrwxrwx 3 sonu sonu 4096 Feb 10 15:16 myfolder
drwxr-xr-x 2 sonu sonu 4096 Feb 10 18:02 Pictures
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:53 Public
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 sample2.
drwxrwxr-x 3 sonu sonu 4096 Feb 10 15:15 sonu
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 txt
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos
sonu@sonu-VirtualBox:~$ mv -r dir3/Documents/docs/
```



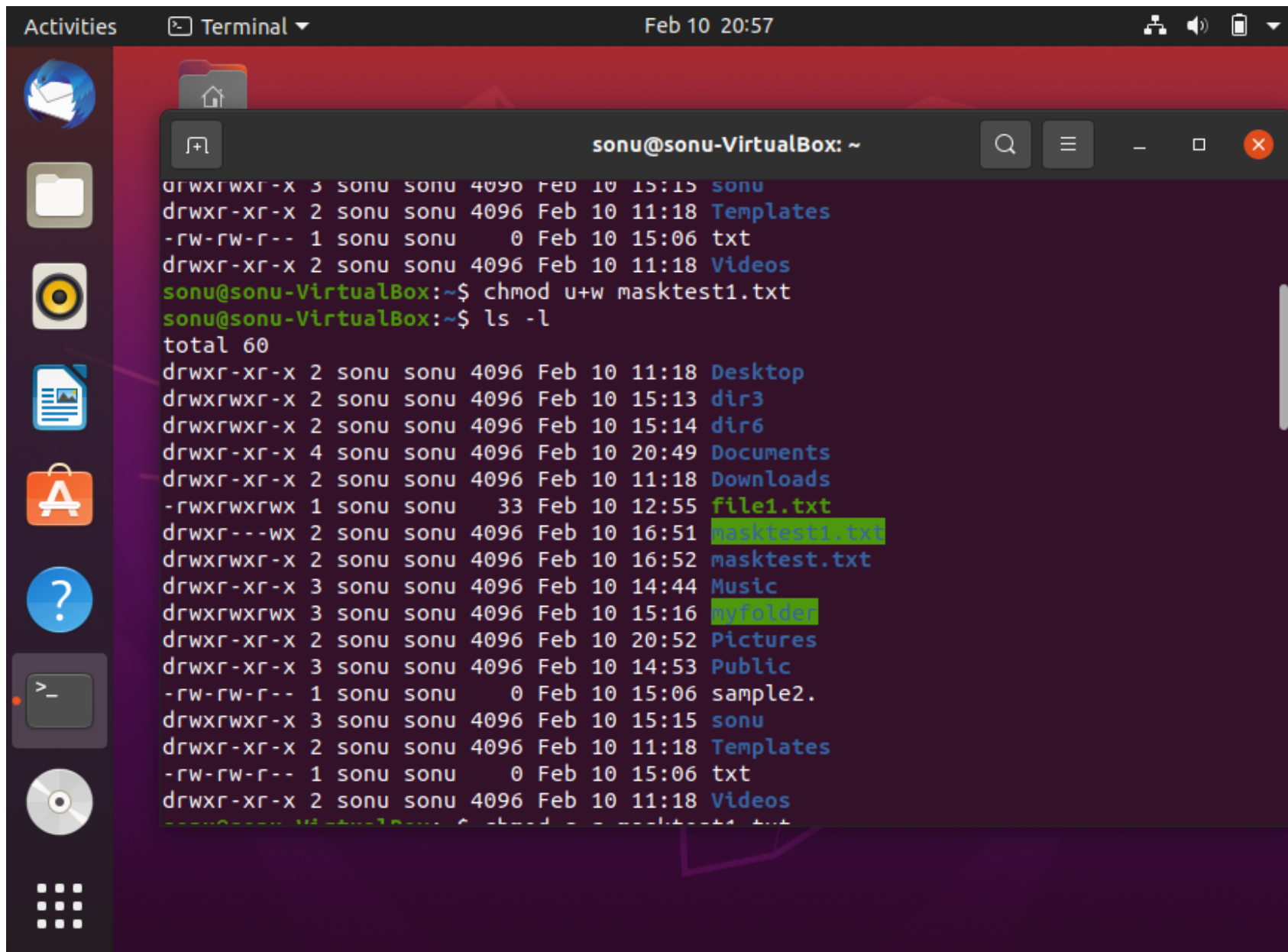
Activities Terminal Feb 10 21:04

```
sonu@sonu-VirtualBox: ~  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6  
drwxr-xr-x 4 sonu sonu 4096 Feb 10 20:49 Documents  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Downloads  
-rwxrwxrwx 1 sonu sonu 33 Feb 10 12:55 file1.txt  
drwxrwxrwx 2 sonu sonu 4096 Feb 10 16:51 masktest1.txt  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 16:52 masktest.txt  
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:44 Music  
drwxrwxrwx 3 sonu sonu 4096 Feb 10 15:16 myFolder  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 20:59 Pictures  
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:53 Public  
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 sample2.  
drwxrwxr-x 3 sonu sonu 4096 Feb 10 15:15 sonu  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates  
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 txt  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos  
sonu@sonu-VirtualBox:~$ mv dir6 Documents/docs  
sonu@sonu-VirtualBox:~$ cd Documents/docs  
sonu@sonu-VirtualBox:~/Documents/docs$ ls -l  
total 12  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6  
-rw-rw-r-- 1 sonu sonu 12 Feb 10 17:35 sample.txt  
sonu@sonu-VirtualBox:~/Documents/docs$ cd ../../  
sonu@sonu-VirtualBox:~$
```


Activities Terminal Feb 10 20:56

sonu@sonu-VirtualBox: ~

```
sonu@sonu-VirtualBox:~$ ls -l
total 60
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6
drwxr-xr-x 4 sonu sonu 4096 Feb 10 20:49 Documents
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Downloads
-rwxrwxrwx 1 sonu sonu 33 Feb 10 12:55 file1.txt
dr-xr--wx 2 sonu sonu 4096 Feb 10 16:51 masktest1.txt
drwxrwxr-x 2 sonu sonu 4096 Feb 10 16:52 masktest.txt
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:44 Music
drwxrwxrwx 3 sonu sonu 4096 Feb 10 15:16 myFolder
drwxr-xr-x 2 sonu sonu 4096 Feb 10 20:52 Pictures
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:53 Public
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 sample2.
drwxrwxr-x 3 sonu sonu 4096 Feb 10 15:15 sonu
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 txt
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos
sonu@sonu-VirtualBox:~$ chmod u+w masktest1.txt
sonu@sonu-VirtualBox:~$ ls -l
total 60
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3
```





```
sonu@sonu-VirtualBox: ~  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos  
sonu@sonu-VirtualBox:~$ chmod g-r masktest1.txt  
sonu@sonu-VirtualBox:~$ ls -l  
total 60  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6  
drwxr-xr-x 4 sonu sonu 4096 Feb 10 20:49 Documents  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Downloads  
-rwxrwxrwx 1 sonu sonu 33 Feb 10 12:55 file1.txt  
drwx---wx 2 sonu sonu 4096 Feb 10 16:51 masktest1.txt  
drwxrwxr-x 2 sonu sonu 4096 Feb 10 16:52 masktest.txt  
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:44 Music  
drwxrwxrwx 3 sonu sonu 4096 Feb 10 15:16 myFolder  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 20:52 Pictures  
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:53 Public  
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 sample2.  
drwxrwxr-x 3 sonu sonu 4096 Feb 10 15:15 sonu  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates  
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 txt  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos  
sonu@sonu-VirtualBox:~$ chmod 431 masktest1.txt  
sonu@sonu-VirtualBox:~$ ls -l  
total 60  
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
```




sonu@sonu-VirtualBox: ~



```
sonu@sonu-VirtualBox:~$ chmod 431 masktest1.txt
sonu@sonu-VirtualBox:~$ ls -l
total 60
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6
drwxr-xr-x 4 sonu sonu 4096 Feb 10 20:49 Documents
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Downloads
-rwxrwxrwx 1 sonu sonu   33 Feb 10 12:55 file1.txt
dr---wx--x 2 sonu sonu 4096 Feb 10 16:51 masktest1.txt
drwxrwxr-x 2 sonu sonu 4096 Feb 10 16:52 masktest.txt
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:44 Music
drwxrwxrwx 3 sonu sonu 4096 Feb 10 15:16 myfolder
drwxr-xr-x 2 sonu sonu 4096 Feb 10 20:52 Pictures
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:53 Public
-rw-rw-r-- 1 sonu sonu    0 Feb 10 15:06 sample2.
drwxrwxr-x 3 sonu sonu 4096 Feb 10 15:15 sonu
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates
-rw-rw-r-- 1 sonu sonu    0 Feb 10 15:06 txt
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos
sonu@sonu-VirtualBox:~$ chmod a=rwx masktest1.txt
sonu@sonu-VirtualBox:~$ ls -l
total 60
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
```

Activities Terminal Feb 10 20:57

sonu@sonu-VirtualBox: ~

```
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 txt
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos
sonu@sonu-VirtualBox:~$ chmod a=rwx masktest1.txt
sonu@sonu-VirtualBox:~$ ls -l
total 60
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Desktop
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:13 dir3
drwxrwxr-x 2 sonu sonu 4096 Feb 10 15:14 dir6
drwxr-xr-x 4 sonu sonu 4096 Feb 10 20:49 Documents
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Downloads
-rwxrwxrwx 1 sonu sonu 33 Feb 10 12:55 file1.txt
drwxrwxrwx 2 sonu sonu 4096 Feb 10 16:51 masktest1.txt
drwxrwxr-x 2 sonu sonu 4096 Feb 10 16:52 masktest.txt
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:44 Music
drwxrwxrwx 3 sonu sonu 4096 Feb 10 15:16 myFolder
drwxr-xr-x 2 sonu sonu 4096 Feb 10 20:52 Pictures
drwxr-xr-x 3 sonu sonu 4096 Feb 10 14:53 Public
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 sample2.
drwxrwxr-x 3 sonu sonu 4096 Feb 10 15:15 sonu
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Templates
-rw-rw-r-- 1 sonu sonu 0 Feb 10 15:06 txt
drwxr-xr-x 2 sonu sonu 4096 Feb 10 11:18 Videos
sonu@sonu-VirtualBox:~$
```

