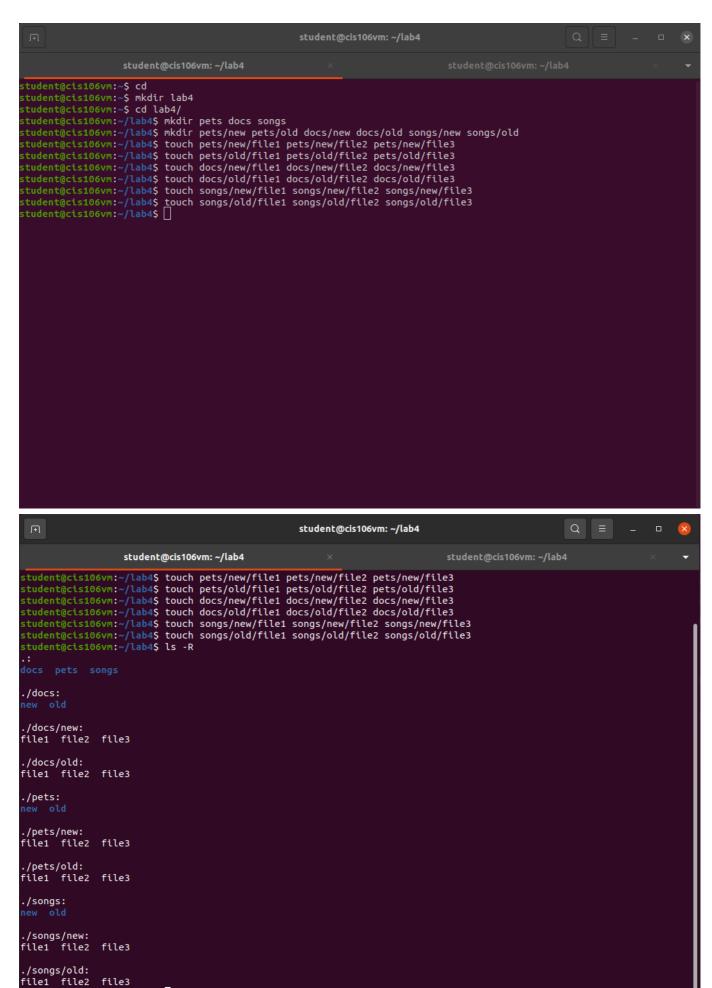
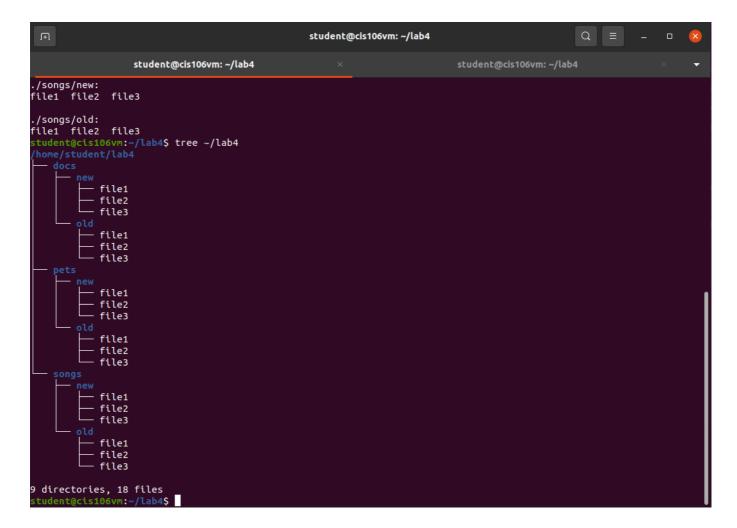
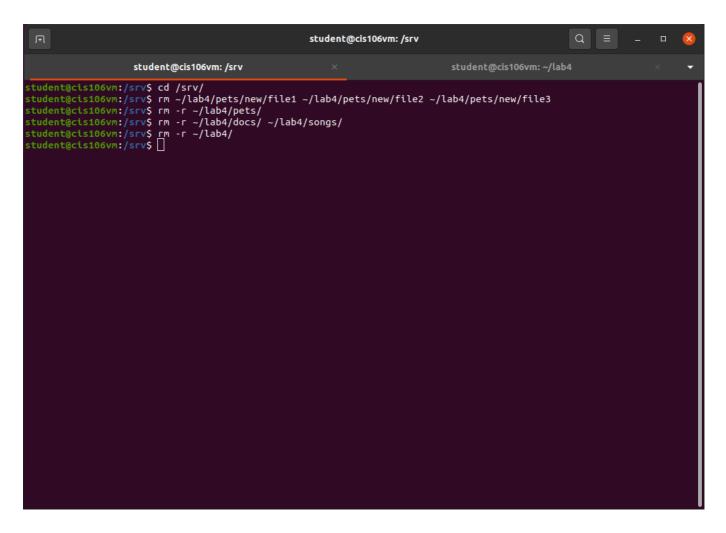
Lab 4.1 | Managing files and directories | Answers

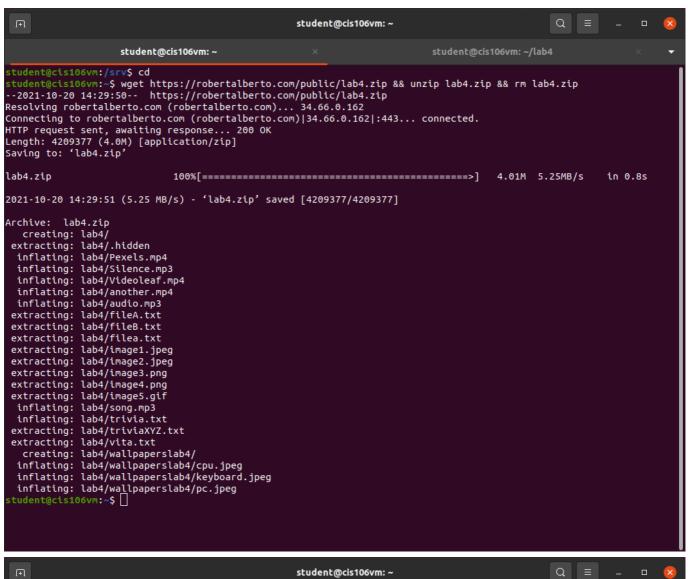
Assignment description here

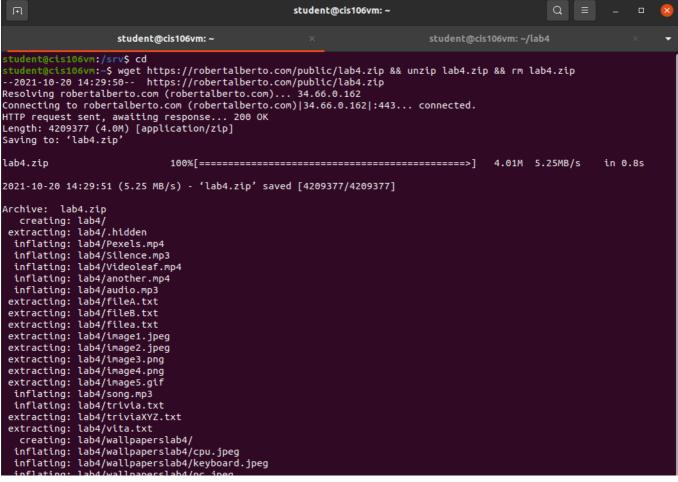


tudent@cis106vm:~/lab4\$



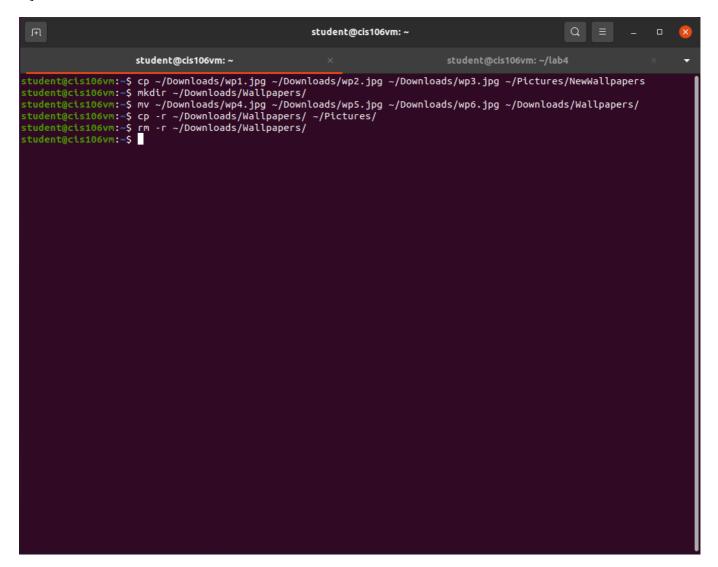






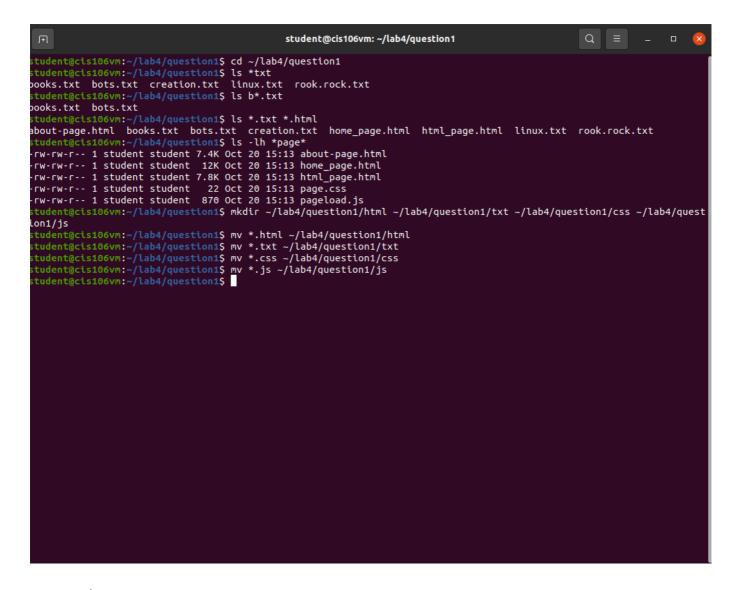
```
student@cis106vm:~$
```

Question 4



Lab 4.2 | File Globing/wildcards | Answers

Assignment description here

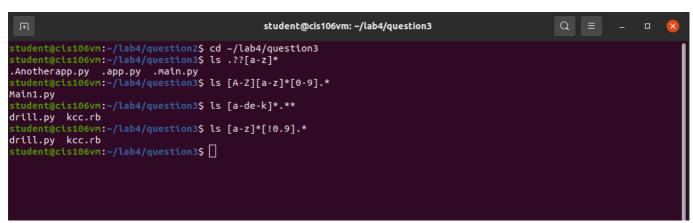


Question 2

```
student@cis106vm:~/lab4/question2$ cd ~/lab4/question2

student@cis106vm:~/lab4/question2$ cd ~/lab4/question2

student@cis106vm:~/lab4/question2$ mv b?d.xml xmlfiles/
student@cis106vm:~/lab4/question2$ ls .??*
.hiddenfileA.log .hiddenfileB.log .hiddenfileC.log .hiddenfileD.log
student@cis106vm:~/lab4/question2$ ls *.????
feat.json feet.json foot.json
student@cis106vm:~/lab4/question2$ ls f??t.*
feat.json feet.json foot.json
student@cis106vm:~/lab4/question2$ ls f??t.*
```



```
student@cis106vm: ~/lab4/question4

student@cts106vm: ~/lab4/question4$ mkdir -p wallpapers/{cars,ocean}/{1080p,2k,4k}
student@cts106vm: ~/lab4/question4$ 

student@cts106vm: ~/lab4/question4$
```

```
student@cis106vn:-/lab4/question4$ mkdir -p assets/{imgs,video}/{large,small}/source

student@cis106vn:-/lab4/question4$ tree

assets

ings

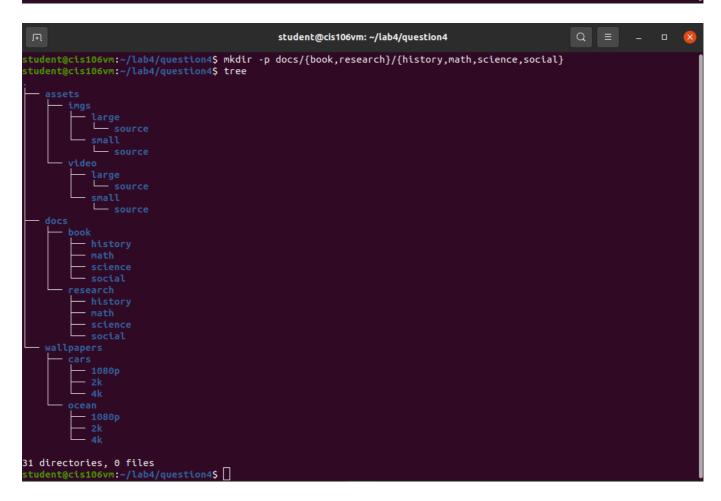
large
source
small
source

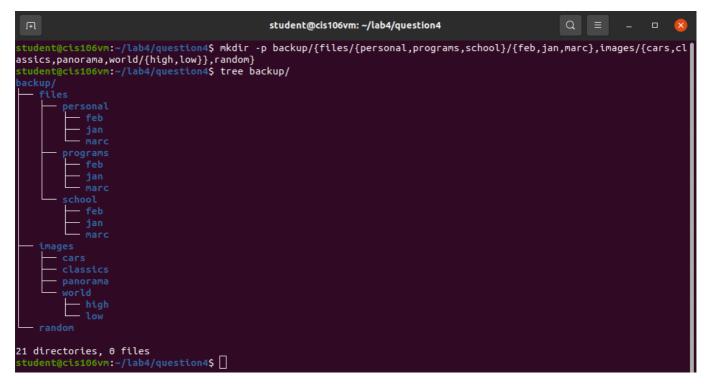
video
large
source
small
source

wallpapers

assets

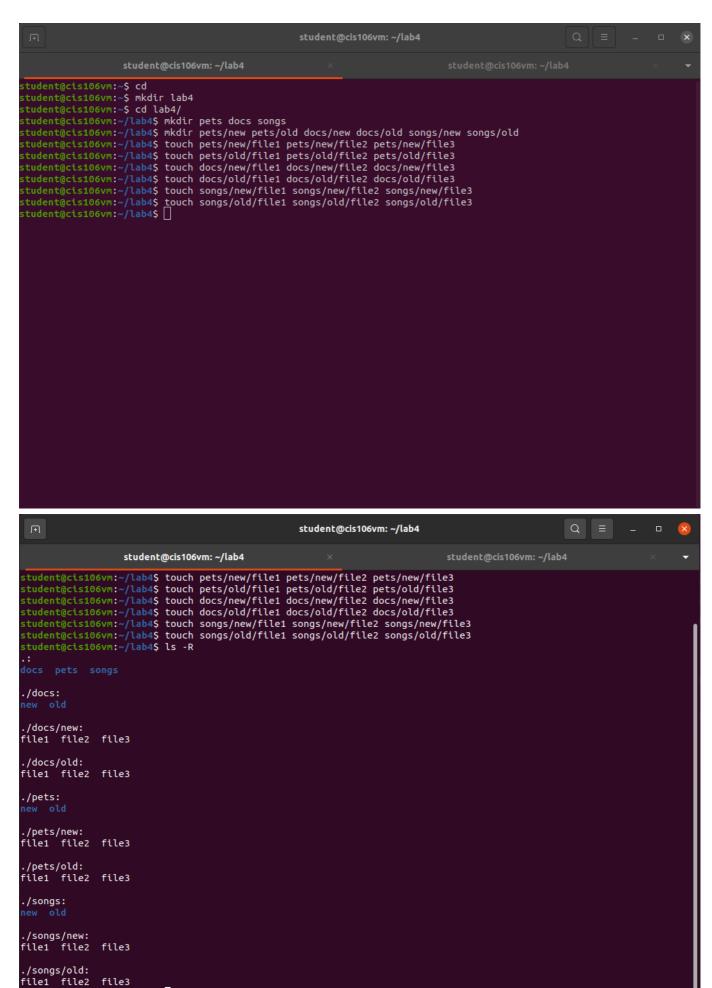
1080p
2k
4k
ocean
1080p
2k
4k
socean
1080p
2k
4k
```



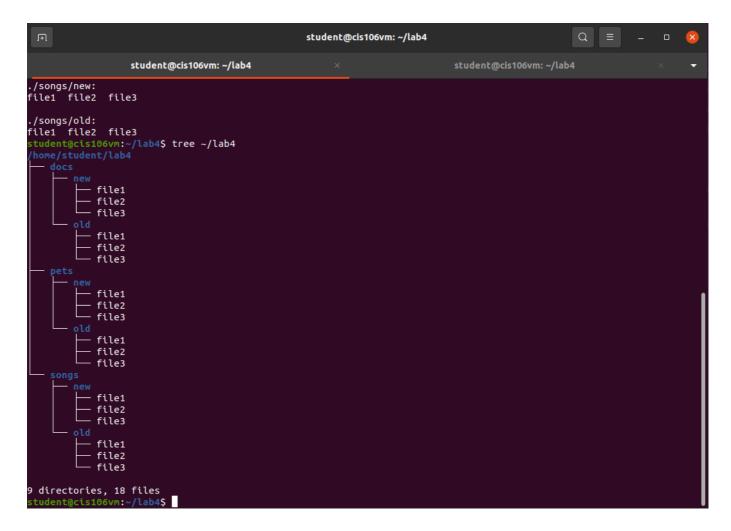


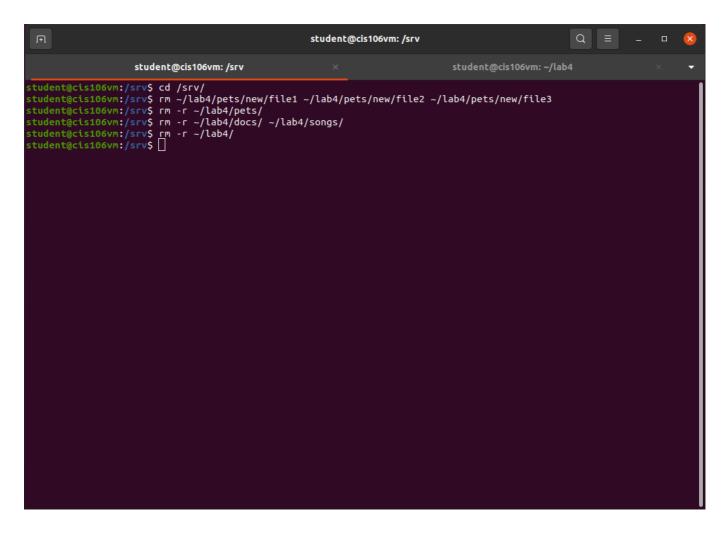
Lab 4.1 | Managing files and directories | Answers

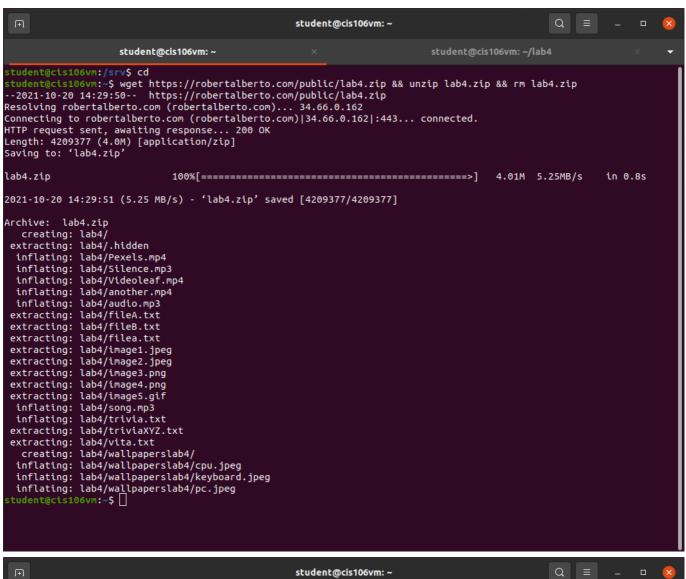
Assignment description here



tudent@cis106vm:~/lab4\$



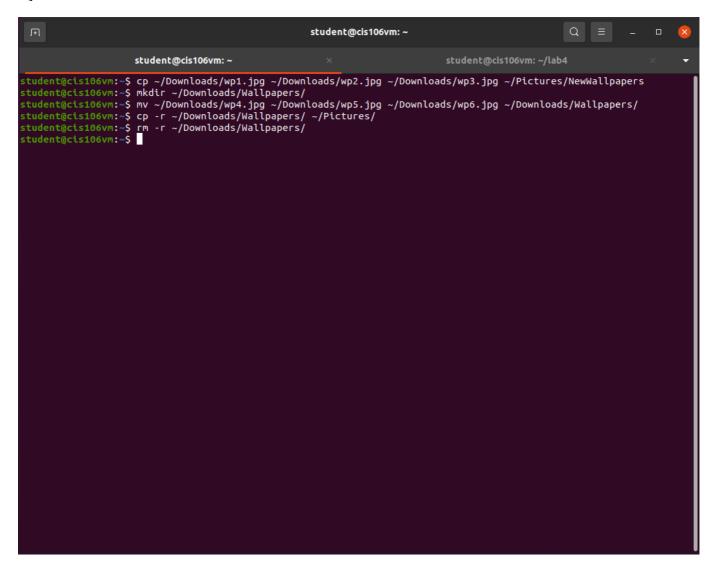




```
student@cis106vm: ~
                                                                                          student@cis106vm: ~/lab4
 tudent@cis106vm:/srv$ cd
 student@cis106vm:-$ wget https://robertalberto.com/public/lab4.zip && unzip lab4.zip && rm lab4.zip
--2021-10-20 14:29:50-- https://robertalberto.com/public/lab4.zip
Resolving robertalberto.com (robertalberto.com)... 34.66.0.162
Connecting to robertalberto.com (robertalberto.com)|34.66.0.162|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4209377 (4.0M) [application/zip]
Saving to: 'lab4.zip'
lab4.zip
                                   100%[=======] 4.01M 5.25MB/s
                                                                                                                               in 0.8s
2021-10-20 14:29:51 (5.25 MB/s) - 'lab4.zip' saved [4209377/4209377]
Archive: lab4.zip
   creating: lab4/
 extracting: lab4/.hidden
  inflating: lab4/Pexels.mp4
  inflating: lab4/Silence.mp3
  inflating: lab4/Videoleaf.mp4
  inflating: lab4/another.mp4
  inflating: lab4/audio.mp3
 extracting: lab4/fileA.txt
 extracting: lab4/fileB.txt
extracting: lab4/filea.txt
extracting: lab4/filea.txt
extracting: lab4/image1.jpeg
 extracting: lab4/image2.jpeg
 extracting: lab4/image3.png
 extracting: lab4/image4.png
 extracting: lab4/image5.gif
  inflating: lab4/song.mp3
  inflating: lab4/trivia.txt
 extracting: lab4/triviaXYZ.txt
 extracting: lab4/vita.txt
   creating: lab4/wallpaperslab4/
  inflating: lab4/wallpaperslab4/cpu.jpeg
  inflating: lab4/wallpaperslab4/keyboard.jpeg
```

```
student@cis106vm:~$
```

Question 4

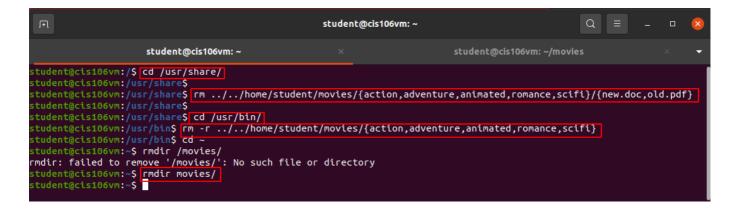


Lab 4.3 | Managing files and directories

Assignment description here



```
student@cis106vm: /
                                                                                                       П
                  student@cis106vm: /
                                                                   student@cis106vm: ~/movies
student@cis106vm:~$ cd /home/student/movies
tudent@cis106vm:~/movies$ touch {action,romance,adventure,animated,scifi}/moviesList.txt
student@cts106vm:~/movies$ cd /
student@cts106vm:/s touch /home/student/movies/{action,romance,adventure,animated,scifi}/{new.doc,old.pdf}
student@cts106vm:/$ ls -lRtigG /home/student/movies
/home/student/movies:
total 20
2360580 drwxrwxr-x 3 4096 Nov 3 16:56 action
2360587 drwxrwxr-x 3 4096 Nov
                               3 16:56 adventure
2360588 drwxrwxr-x 3 4096 Nov
                               3 16:56 animated
2360586 drwxrwxr-x 3 4096 Nov
                               3 16:56 romance
2360590 drwxrwxr-x 3 4096 Nov
                               3 16:56 scifi
/home/student/movies/action:
total 4
2360604 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 new.doc
2360605 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 old.pdf
                      0 Nov 3 16:57 moviesList.txt
2360596 -rw-rw-r-- 1
2360591 drwxrwxr-x 2 4096 Nov 3 16:36 2020
/home/student/movies/action/2020:
total 0
/home/student/movies/adventure:
total 4
2360608 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 new.doc
                               3 16:57 old.pdf
2360609 -rw-rw-r-- 1
                        0 Nov
2360601 -rw-rw-r-- 1
                       0 Nov
                               3 16:57 moviesList.txt
2360593 drwxrwxr-x 2 4096 Nov 3 16:36 2020
/home/student/movies/adventure/2020:
total 0
/home/student/movies/animated:
total 4
2360610 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 new.doc
2360611 -rw-rw-r-- 1
                       0 Nov 3 16:57 old.pdf
2360602 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 moviesList.txt
2360594 drwxrwxr-x 2 4096 Nov
                               3 16:36 2020
/home/student/movies/animated/2020:
total 0
/home/student/movies/romance:
total 4
2360606 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 new.doc
2360607 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 old.pdf
2360600 -rw-rw-r-- 1
                        0 Nov
                               3 16:57 moviesList.txt
                               3 16:36 2020
2360592 drwxrwxr-x 2 4096 Nov
/home/student/movies/romance/2020:
total 0
/home/student/movies/scifi:
total 4
                        0 Nov 3 16:57 new.doc
2360612 -rw-rw-r-- 1
3 16:57 moviesList.txt
2360595 drwxrwxr-x 2 4096 Nov 3 16:36 2020
/home/student/movies/scifi/2020:
total 0
student@cis106vm:/$
```



Question 4

