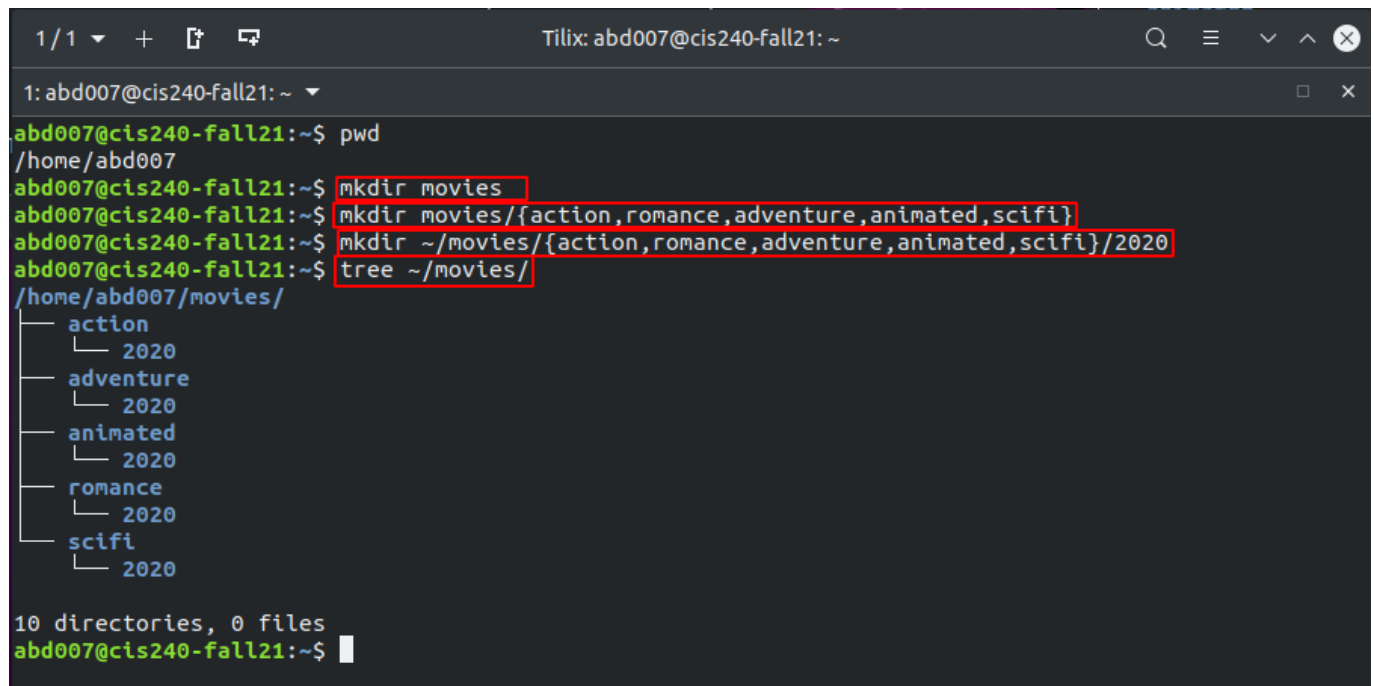


Lab 4 | Managing files and directories

Question 1

A terminal window titled 'Tilix: abd007@cis240-fall21: ~' showing a series of commands and their output. The commands are: 'pwd', 'mkdir movies', 'mkdir movies/{action,romance,adventure,animated,scifi}', 'mkdir ~/movies/{action,romance,adventure,animated,scifi}/2020', and 'tree ~/movies/'. The output shows the directory structure created, with '2020' subdirectories under each genre. The terminal text is as follows:

```
1: abd007@cis240-fall21: ~  
abd007@cis240-fall21:~$ pwd  
/home/abd007  
abd007@cis240-fall21:~$ mkdir movies  
abd007@cis240-fall21:~$ mkdir movies/{action,romance,adventure,animated,scifi}  
abd007@cis240-fall21:~$ mkdir ~/movies/{action,romance,adventure,animated,scifi}/2020  
abd007@cis240-fall21:~$ tree ~/movies/  
/home/abd007/movies/  
├── action  
│   └── 2020  
├── adventure  
│   └── 2020  
├── animated  
│   └── 2020  
├── romance  
│   └── 2020  
└── scifi  
    └── 2020  
  
10 directories, 0 files  
abd007@cis240-fall21:~$
```

Question 2

```

1: abd007@cis240-fall21: ~ ▾
abd007@cis240-fall21:~$ cd ~/movies/
abd007@cis240-fall21:~/movies$ ls
action  adventure  animated  romance  scifi
abd007@cis240-fall21:~/movies$ touch {action,romance,adventure,animated,scifi}/moviesList.txt
abd007@cis240-fall21:~/movies$ cd ~
abd007@cis240-fall21:~$ touch ~/movies/{action,romance,adventure,animated,scifi}/new.doc
abd007@cis240-fall21:~$ touch ~/movies/{action,romance,adventure,animated,scifi}/old.pdf
abd007@cis240-fall21:~$ ls ~/movies/action
2020  moviesList.txt  new.doc  old.pdf
abd007@cis240-fall21:~$ --h
--h: command not found
abd007@cis240-fall21:~$ h--
h--: command not found
abd007@cis240-fall21:~$ --Help
--Help: command not found
abd007@cis240-fall21:~$ man ls
abd007@cis240-fall21:~$ ls -ltig ~/movies/{action,romance,adventure,animated,scifi}/
/home/abd007/movies/action/:
total 4
1586624 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 old.pdf
1586619 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 new.doc
1586604 -rw-rw-r-- 1 abd007 0 Dec 3 13:44 moviesList.txt
1586599 drwxrwxr-x 2 abd007 4096 Dec 3 11:27 2020

/home/abd007/movies/adventure/:
total 4
1586626 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 old.pdf
1586621 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 new.doc
1586606 -rw-rw-r-- 1 abd007 0 Dec 3 13:44 moviesList.txt
1586601 drwxrwxr-x 2 abd007 4096 Dec 3 11:27 2020

/home/abd007/movies/animated/:
total 4
1586627 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 old.pdf
1586622 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 new.doc
1586607 -rw-rw-r-- 1 abd007 0 Dec 3 13:44 moviesList.txt
1586602 drwxrwxr-x 2 abd007 4096 Dec 3 11:27 2020

/home/abd007/movies/romance/:
total 4
1586625 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 old.pdf
1586620 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 new.doc
1586605 -rw-rw-r-- 1 abd007 0 Dec 3 13:44 moviesList.txt
1586600 drwxrwxr-x 2 abd007 4096 Dec 3 11:27 2020

/home/abd007/movies/scifi/:
total 4
1586628 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 old.pdf
1586623 -rw-rw-r-- 1 abd007 0 Dec 3 13:46 new.doc
1586608 -rw-rw-r-- 1 abd007 0 Dec 3 13:44 moviesList.txt
1586603 drwxrwxr-x 2 abd007 4096 Dec 3 11:27 2020
abd007@cis240-fall21:~$ █

```

Question 3

```

1/1 ▾ + 🔍 🗑️
Tilix: abd007@cis240-fall21: ~
1: abd007@cis240-fall21: ~ ▾
abd007@cis240-fall21:~$ cd /usr/share/
abd007@cis240-fall21:~$ rm ~/movies/{action,romance,adventure,animated,scifi}/{new.doc,old.pdf}
abd007@cis240-fall21:~$ cd /usr/bin/
abd007@cis240-fall21:~$ rm ~/movies/* -r
abd007@cis240-fall21:~$ cd
abd007@cis240-fall21:~$ rm -r movies/
abd007@cis240-fall21:~$ █

```

Question 4

```
1: abd007@cis240-fall21: /
abd007@cis240-fall21:~$ mkdir movies/{action,adventure,animated,romance,scifi} -p
abd007@cis240-fall21:~$ ls Downloads
file1-hl      jumpingDog.jpg      pexels-kasia-palitava-10334821.jpg      romeo.jpeg
happyFace.jpg pexels-dmitriy-k-10058971.jpg pexels-kristina-chuprina-10161004.jpg  wonderingEyes.jpg
here-hl      pexels-gije-cho-5270341.jpg  pexels-naae-botanicals-10281406.jpg
abd007@cis240-fall21:~$ mv Downloads/pexels-*.jpg movies/
abd007@cis240-fall21:~$ ls movies/
action  animated      pexels-gije-cho-5270341.jpg      pexels-kristina-chuprina-10161004.jpg  romance
adventure pexels-dmitriy-k-10058971.jpg pexels-kasia-palitava-10334821.jpg pexels-naae-botanicals-10281406.jpg  scifi
abd007@cis240-fall21:~$ mv movies/pexels-gije-cho-5270341.jpg movies/adventure.png
abd007@cis240-fall21:~$ mv movies/pexels-kristina-chuprina-10161004.jpg movies/action.png
abd007@cis240-fall21:~$ mv movies/pexels-dmitriy-k-10058971.jpg movies/romance.png
abd007@cis240-fall21:~$ mv movies/pexels-kasia-palitava-10334821.jpg movies/scifi.png
abd007@cis240-fall21:~$ mv movies/pexels-naae-botanicals-10281406.jpg movies/animated.png
abd007@cis240-fall21:~$ ls movies/
action  action.png  adventure  adventure.png  animated  animated.png  romance  romance.png  scifi  scifi.png
abd007@cis240-fall21:~$ cd /
abd007@cis240-fall21:/$ mv ~/movies/adventure.png ~/movies/adventure/
abd007@cis240-fall21:/$ mv ~/movies/scifi.png ~/movies/scifi/
abd007@cis240-fall21:/$ mv ~/movies/action.png ~/movies/action/
abd007@cis240-fall21:/$ mv ~/movies/animated.png ~/movies/animated/
abd007@cis240-fall21:/$ mv ~/movies/romance.png ~/movies/romance/
abd007@cis240-fall21:/$
```

Question 5

```
1: abd007@cis240-fall21: ~
abd007@cis240-fall21:/$ cd
abd007@cis240-fall21:~$ cp movies/ Videos/ -r
abd007@cis240-fall21:~$ cp Downloads/song?.mp3 Music/
abd007@cis240-fall21:~$ ls Downloads/
file1-hl  happyFace.jpg  here-hl  jumpingDog.jpg  romeo.jpeg  song1.mp3  song2.mp3  song3.mp3  wonderingEyes.jpg
abd007@cis240-fall21:~$ ls Downloads/
file1-hl  here-hl  romeo.jpeg  song2.mp3  v1.mp4  v3.mp4
happyFace.jpg  jumpingDog.jpg  song1.mp3  song3.mp3  v2.mp4  wonderingEyes.jpg
abd007@cis240-fall21:~$ mv Downloads/v1.mp4 Downloads/Video1.mp4 Downloads/Video1.mp4
mv: target 'Downloads/Video1.mp4' is not a directory
abd007@cis240-fall21:~$ mv Downloads/v1.mp4 Downloads/Video1.mp4
abd007@cis240-fall21:~$ mv Downloads/v2.mp4 Downloads/video2.mkv
abd007@cis240-fall21:~$ mv Downloads/v3.mp4 Downloads/new-vid.avi
abd007@cis240-fall21:~$ ls
cis106  file0.js  file2.js  file6.js  file[a..z].js  'food.txt!'  music  Pictures  snap  todo.md
Desktop  file1     file3.js  file7.js  food2.txt      hello.py     Music  Public    softhere  Videos
Documents  file10.js file4.js  file8.js  food3.txt      linux        new.txt  research  Templates  website.html
Downloads  file1.js  file5.js  file9.js  food.txt       movies       old.pdf  scripts   todo2.md
abd007@cis240-fall21:~$ ls Downloads/
file1-hl  here-hl  new-vid.avi  song1.mp3  song3.mp3  video2.mkv
happyFace.jpg  jumpingDog.jpg  romeo.jpeg  song2.mp3  Video1.mp4  wonderingEyes.jpg
abd007@cis240-fall21:~$ ls Downloads/*[Vv]*
Downloads/new-vid.avi  Downloads/Video1.mp4  Downloads/video2.mkv
abd007@cis240-fall21:~$ cp Downloads/*[Vv]* Videos/
abd007@cis240-fall21:~$
```