

## Question 1

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```
juan@juan-VirtualBox:~$ pwd
/home/juan
juan@juan-VirtualBox:~$ mkdir movies
mkdir: cannot create directory 'movies': File exists
juan@juan-VirtualBox:~$ mkdir movies/{action,romance,adventure,animated,scifi}
mkdir: cannot create directory 'movies/action': File exists
mkdir: cannot create directory 'movies/romance': File exists
mkdir: cannot create directory 'movies/adventure': File exists
mkdir: cannot create directory 'movies/animated': File exists
mkdir: cannot create directory 'movies/scifi': File exists
juan@juan-VirtualBox:~$ cd /
juan@juan-VirtualBox:/$ mkdir ~movies/action/2020 ~movies/romance/2020 ~movies/adventure/2020 ~movies/animated/2020 ~movies/scifi/2020
mkdir: cannot create directory '~movies/action/2020': No such file or directory
mkdir: cannot create directory '~movies/romance/2020': No such file or directory
mkdir: cannot create directory '~movies/adventure/2020': No such file or directory
mkdir: cannot create directory '~movies/animated/2020': No such file or directory
mkdir: cannot create directory '~movies/scifi/2020': No such file or directory
juan@juan-VirtualBox:/$ mkdir ~/movies/action/2020 ~/movies/romance/2020 ~/movies/adventure/2020 ~/movies/animated/2020 ~/movies/scifi/2020
juan@juan-VirtualBox:/$ tree ~/movies/
/home/juan/movies/
├── action
│   └── 2020
├── adventure
│   └── 2020
├── animated
│   └── 2020
├── romance
│   └── 2020
└── scifi
    └── 2020

10 directories, 0 files
juan@juan-VirtualBox:/$
```

## Question 2

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```

juan@juan-VirtualBox: /
juan@juan-VirtualBox:/$ cd movies
bash: cd: movies: No such file or directory
juan@juan-VirtualBox:/$ cd ~/movies/
juan@juan-VirtualBox:~/movies$ ls
action  adventure  animated  romance  scifi
juan@juan-VirtualBox:~/movies$ touch {action,adventure,animated,romance,scifi}/moviesList.txt
juan@juan-VirtualBox:~/movies$ cd /
juan@juan-VirtualBox:/$ mkdir ~/movies/action/new.doc ~/movies/romance/new.doc ~/movies/adventure/new.doc ~/movies/animated/new.doc ~/movies/scifi/new.doc
mkdir: cannot create directory '~movies/action/new.doc': No such file or directory
mkdir: cannot create directory '~movies/romance/new.doc': No such file or directory
mkdir: cannot create directory '~movies/adventure/new.doc': No such file or directory
mkdir: cannot create directory '~movies/animated/new.doc': No such file or directory
mkdir: cannot create directory '~movies/scifi/new.doc': No such file or directory
juan@juan-VirtualBox:/$ mkdir ~/movies/action/new.doc ~/movies/romance/new.doc ~/movies/adventure/new.doc ~/movies/animated/new.doc ~/movies/scifi/new.doc
mkdir: cannot create directory '~movies/action/new.doc': No such file or directory
mkdir: cannot create directory '~movies/romance/new.doc': No such file or directory
mkdir: cannot create directory '~movies/adventure/new.doc': No such file or directory
mkdir: cannot create directory '~movies/animated/new.doc': No such file or directory
mkdir: cannot create directory '~movies/scifi/new.doc': No such file or directory
juan@juan-VirtualBox:/$ mkdir ~/movies/action/old.pdf ~/movies/romance/old.pdf ~/movies/adventure/old.pdf ~/movies/animated/old.pdf ~/movies/scifi/old.pdf
juan@juan-VirtualBox:/$ ls -lRci ~/movies/
/home/juan/movies/:
total 20
2108175 drwxrwxr-x 5 juan juan 4096 Nov 17 01:01 action
2108177 drwxrwxr-x 5 juan juan 4096 Nov 17 01:01 adventure
2108178 drwxrwxr-x 5 juan juan 4096 Nov 17 01:01 animated
2108176 drwxrwxr-x 5 juan juan 4096 Nov 17 01:01 romance
2108179 drwxrwxr-x 5 juan juan 4096 Nov 17 01:01 scifi

/home/juan/movies/action:
total 12
2108180 drwxrwxr-x 2 juan juan 4096 Nov 17 00:45 2020
2108195 -rw-rw-r-- 1 juan juan 0 Nov 17 00:55 moviesList.txt
2108213 drwxrwxr-x 2 juan juan 4096 Nov 17 00:59 new.doc
2108218 drwxrwxr-x 2 juan juan 4096 Nov 17 01:01 old.pdf

/home/juan/movies/action/2020:
total 0

```

```

/home/juan/movies/adventure/2020:

```

```

total 0

```

```

/home/juan/movies/adventure/new.doc:

```

```

total 0

```

```

/home/juan/movies/adventure/old.pdf:

```

```

total 0

```

```

/home/juan/movies/animated:

```

```

total 12

```

```

2108183 drwxrwxr-x 2 juan juan 4096 Nov 17 00:45 2020
2108197 -rw-rw-r-- 1 juan juan 0 Nov 17 00:55 moviesList.txt
2108217 drwxrwxr-x 2 juan juan 4096 Nov 17 01:00 new.doc
2109322 drwxrwxr-x 2 juan juan 4096 Nov 17 01:01 old.pdf

```

```

/home/juan/movies/animated/2020:

```

```

total 0

```

```

/home/juan/movies/animated/new.doc:

```

```

total 0

```

```

/home/juan/movies/animated/old.pdf:

```

```

total 0

```

```
/home/juan/movies/romance:
total 12
2108181 drwxrwxr-x 2 juan juan 4096 Nov 17 00:45 2020
2108198 -rw-rw-r-- 1 juan juan    0 Nov 17 00:55 moviesList.txt
2108214 drwxrwxr-x 2 juan juan 4096 Nov 17 00:59 new.doc
2108219 drwxrwxr-x 2 juan juan 4096 Nov 17 01:01 old.pdf

/home/juan/movies/romance/2020:
total 0

/home/juan/movies/romance/new.doc:
total 0

/home/juan/movies/romance/old.pdf:
total 0

/home/juan/movies/romance/old.pdf:
```

```
/home/juan/movies/romance/old.pdf:
total 0

/home/juan/movies/scifi:
total 12
2108184 drwxrwxr-x 2 juan juan 4096 Nov 17 00:45 2020
2108212 -rw-rw-r-- 1 juan juan    0 Nov 17 00:55 moviesList.txt
2108216 drwxrwxr-x 2 juan juan 4096 Nov 17 00:59 new.doc
2109677 drwxrwxr-x 2 juan juan 4096 Nov 17 01:01 old.pdf

/home/juan/movies/scifi/2020:
total 0

/home/juan/movies/scifi/new.doc:
total 0

/home/juan/movies/scifi/old.pdf:
total 0
juan@juan-VirtualBox:/$
```

## Question 3

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```
juan@juan-VirtualBox: ~  
juan@juan-VirtualBox:~$ cd /usr/share/  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/action/new.doc  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/action/old.pdf  
rm: cannot remove '/home/juan/movies/action/old.pdf': No such file or directory  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/adventure/old.pdf  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/adventure/new.doc  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/romance/new.doc  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/romance/old.pdf  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/scifi/old.pdf  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/scifi/new.doc  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/animated/new.doc  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/animated/old.doc  
rm: cannot remove '/home/juan/movies/animated/old.doc': No such file or directory  
juan@juan-VirtualBox:/usr/share$ rm -r ~/movies/animated/old.pdf  
juan@juan-VirtualBox:/usr/share$ cd usr/bin  
bash: cd: usr/bin: No such file or directory  
juan@juan-VirtualBox:/usr/share$ cd /usr/bin  
juan@juan-VirtualBox:/usr/bin$ rm -r ~/movies/* -r  
rm: invalid option -- '/'  
Try 'rm --help' for more information.  
juan@juan-VirtualBox:/usr/bin$ rm ~/movies/* -r  
juan@juan-VirtualBox:/usr/bin$ cd  
juan@juan-VirtualBox:~$ rm -r movies  
juan@juan-VirtualBox:~$
```

## Question 4

---

```
juan@juan-VirtualBox:~$ mkdir movies
mkdir: cannot create directory 'movies': File exists
juan@juan-VirtualBox:~$ mkdir movies/{action,adventure,romance,scifi,animated}
juan@juan-VirtualBox:~$ mkdir ~/movies/action/2020 ~/movies/romance/2020 ~/movies/adventure/2020 ~/movies/scifi/2020 ~/movies/animated/2020
juan@juan-VirtualBox:~$ ls downloads
ls: cannot access 'downloads': No such file or directory
juan@juan-VirtualBox:~$ ls downloads/
ls: cannot access 'downloads/': No such file or directory
juan@juan-VirtualBox:~$ ls Downloads/
pen1.png pen2.png pen3.png
juan@juan-VirtualBox:~$ ls Downloads/
action.jpg animated.jpg pen2.png romance.jpg
adventure.jpg pen1.png pen3.png scifi.jpg
juan@juan-VirtualBox:~$ ls Downloads/
pen1.png pexels-anna-shvets-3943933.jpg pexels-valeria-boltneva-1123256.jpg
pen2.png pexels-anna-shvets-5760846.jpg pexels-yan-krukov-7234488.jpg
pen3.png pexels-anna-shvets-5760871.jpg
juan@juan-VirtualBox:~$ mv Downloads/pexels-* movies/
juan@juan-VirtualBox:~$ ls movies/
action          pexels-anna-shvets-5760846.jpg      romance
adventure       pexels-anna-shvets-5760871.jpg      scifi
animated        pexels-valeria-boltneva-1123256.jpg
pexels-anna-shvets-3943933.jpg pexels-yan-krukov-7234488.jpg
juan@juan-VirtualBox:~$ mv movies/pexels-anna-shvets-5760846.jpg movies/action.png
juan@juan-VirtualBox:~$ mv movies/pexels-anna-shvets-3943933.jpg movies/adventure.png
juan@juan-VirtualBox:~$ mv movies/pexels-anna-shvets-5760871.jpg movies/animated.png
juan@juan-VirtualBox:~$ mv movies/pexels-valeria-boltneva-1123256.jpg movies/romance.png
juan@juan-VirtualBox:~$ mv movies/pexels-yan-krukov-7234488.jpg movies/scifi.png
juan@juan-VirtualBox:~$
```

```
juan@juan-VirtualBox:/$ cd /
juan@juan-VirtualBox:/$ mv ~/movies/adventure.png ~/movies/adventure/
juan@juan-VirtualBox:/$ mv ~/movies/action.png ~/movies/action/
juan@juan-VirtualBox:/$ mv ~/movies/animated.png ~/movies/animated/
juan@juan-VirtualBox:/$ mv ~/movies/scifi.png ~/movies/scifi/
juan@juan-VirtualBox:/$ mv ~/movies/romance.png ~/movies/romance/
juan@juan-VirtualBox:/$
```

## Question 5

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```
juan@juan-VirtualBox:~$ cp movies/ Videos/ -r
juan@juan-VirtualBox:~$ cp Downloads/song?.mp3 Music/
juan@juan-VirtualBox:~$ ls Downloads/
pen1.png    pexels-rostislav-uzunov-7385122.mp4    song2.mp3
pen2.png    'Pexels Videos 2335977.mp4'          song3.mp3
pen3.png    song1.mp3                             video.mp4
juan@juan-VirtualBox:~$ mv Downloads/pexels-rostislav-uzunov-7385122.mp4 Downlodas/Video1.mp4
mv: cannot move 'Downloads/pexels-rostislav-uzunov-7385122.mp4' to 'Downlodas/Video1.mp4': No such file or director
y
juan@juan-VirtualBox:~$ mv Downloads/pexels-rostislav-uzunov-7385122.mp4 Downloads/Video1.mp4
juan@juan-VirtualBox:~$ mv Do
Documents/ Downloads/
juan@juan-VirtualBox:~$ mv Downloads/pexels-videos-2335977.mp4 mv Downloads/video2.mkv
mv: target 'Downloads/video2.mkv' is not a directory
juan@juan-VirtualBox:~$ mv Downloads/pexels-videos-2335977.mp4 Downloads/video2.mkv
juan@juan-VirtualBox:~$ mv Downloads/video.mp4 Downloads/new-vid.avi
juan@juan-VirtualBox:~$ ls Downloads *[Vv]*
Downloads:
new-vid.avi  pen2.png  song1.mp3  song3.mp3  video2.mkv
pen1.png     pen3.png  song2.mp3  Video1.mp4

movies:
action  adventure  animated  romance  scifi

vacation:

Videos:
movies
juan@juan-VirtualBox:~$ ls Downloads/*[Vv]*
Downloads/new-vid.avi  Downloads/Video1.mp4  Downloads/video2.mkv
juan@juan-VirtualBox:~$ cp Downloads/*[Vv]* Videos/
juan@juan-VirtualBox:~$
```