

Question 1: Creating Files and Directories

```
jorge@jorge-VirtualBox: ~/lab4
jorge@jorge-VirtualBox:~/lab4$ touch pets/old/file2
jorge@jorge-VirtualBox:~/lab4$ touch pets/old/file3
jorge@jorge-VirtualBox:~/lab4$ touch docs/new/file1
jorge@jorge-VirtualBox:~/lab4$ touch docs/new/file2
jorge@jorge-VirtualBox:~/lab4$ touch docs/new/file3
jorge@jorge-VirtualBox:~/lab4$ touch docs/old/file1
jorge@jorge-VirtualBox:~/lab4$ touch docs/old/file2
jorge@jorge-VirtualBox:~/lab4$ touch docs/old/file3
jorge@jorge-VirtualBox:~/lab4$ touch songs/new/file1
jorge@jorge-VirtualBox:~/lab4$ touch songs/new/file2
jorge@jorge-VirtualBox:~/lab4$ touch songs/new/file3
jorge@jorge-VirtualBox:~/lab4$ touch songs/old/file1
jorge@jorge-VirtualBox:~/lab4$ touch songs/old/file2
jorge@jorge-VirtualBox:~/lab4$ touch songs/old/file3
jorge@jorge-VirtualBox:~/lab4$ ls -R
.:
docs  pets  songs
./docs:
new  old
./docs/new:
file1 file2 file3
./docs/old:
file1 file2 file3
./pets:
new  old
./pets/new:
file1 file2 file3
./pets/old:
file1 file2 file3
./songs:
new  old
./songs/new:
file1 file2 file3
./songs/old:
file1 file2 file3
jorge@jorge-VirtualBox:~/lab4$
```

```
jorge@jorge-VirtualBox: ~/lab4
file1 file2 file3
./pets/old:
file1 file2 file3
./songs:
new  old
./songs/new:
file1 file2 file3
./songs/old:
file1 file2 file3
jorge@jorge-VirtualBox:~/lab4$ tree
.
├── docs
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    │   ├── file1
    │   ├── file2
    │   └── file3
    └── old
        ├── file1
        ├── file2
        └── file3

9 directories, 18 files
jorge@jorge-VirtualBox:~/lab4$
```

Question 2: Removing Files and Directories

```
Applications Places
jorge@jorge-VirtualBox /srv
jorge@jorge-VirtualBox:~$ cd /srv/
jorge@jorge-VirtualBox:~$ rm -r ~/lab4/pets/new/file1 ~/lab4/pets/new/file2
jorge@jorge-VirtualBox:~$ rm -r ~/lab4/pets/new/file3
jorge@jorge-VirtualBox:~$ rm -r ~/lab4/pets/
jorge@jorge-VirtualBox:~$ rm -r ~/lab4/docs/ ~/lab4/songs/
jorge@jorge-VirtualBox:~$ rm -r ~/lab4
rm: cannot remove './': No such file or directory
rm: cannot remove '/home/jorge/lab4': Is a directory
jorge@jorge-VirtualBox:~$ rm -r ~/lab4
jorge@jorge-VirtualBox:~$
```

Question 3: Moving Files and Directories

```
Applications Places
jorge@jorge-VirtualBox ~
jorge@jorge-VirtualBox:~$ cd
jorge@jorge-VirtualBox:~$ -S wget https://robertalberto.com/public/lab4.zip && unzip lab4.zip && rm lab4.zip
-2021-12-19 12:07:18- https://robertalberto.com/public/lab4.zip
Resolving robertalberto.com (robertalberto.com)... 35.202.108.126
Connecting to robertalberto.com (robertalberto.com)[35.202.108.126]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4209377 (4.0M) [application/zip]
Saving to: 'lab4.zip'

lab4.zip
100%[=====] 4.01M 292KB/s in 14s

2021-12-19 12:07:32 (292 KB/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/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/triviaX2.txt
  extracting: lab4/vita.txt
  creating: lab4/wallpaperslab4/
  inflating: lab4/wallpaperslab4/cpu.jpeg
  inflating: lab4/wallpaperslab4/keyboard.jpeg
  inflating: lab4/wallpaperslab4/pc.jpeg
jorge@jorge-VirtualBox:~$
```

```

Applications Places
jorge@jorge-VirtualBox -
jorge@jorge-VirtualBox:~$ ls
vifs.tar Desktop Downloads lab4 lab7 Pictures Question1 snap Templates website.html wget-log.1 wget-log.3 wget-log.5
CIS106 Documents esa.0.0-0-4 amd64.deb lab5 Music Public randtext.txt Steam Videos wget-log wget-log.2 wget-log.4
jorge@jorge-VirtualBox:~$ mkdir lab4-imgs lab4-audio lab4-video lab4-docs
jorge@jorge-VirtualBox:~$ ls -l lab4
another.mp4
audio.mp3
filea.txt
filea.txt
fileB.txt
image1.jpeg
image2.jpeg
image3.png
image4.png
image5.gif
pexels.mp4
silence.mp3
song.mp3
trivia.txt
triviaXYZ.txt
videoleaf.mp4
vita.txt
wallpaperslab4
jorge@jorge-VirtualBox:~$ ls -lx lab4
another.mp4 audio.mp3 filea.txt fileB.txt image1.jpeg image2.jpeg image3.png image4.png image5.gif pexels.mp4 Silence.mp3 song.mp3 trivia.txt triviaXYZ.txt Videoleaf.mp4 vita.txt
wallpaperslab4
jorge@jorge-VirtualBox:~$

```

```

Applications Places
jorge@jorge-VirtualBox -
jorge@jorge-VirtualBox:~$ mv lab4/song.mp3 lab4/Silence.mp3 lab4/audio.mp3 lab4-audio/
jorge@jorge-VirtualBox:~$ ls lab4-audio/
audio.mp3 Silence.mp3 song.mp3
jorge@jorge-VirtualBox:~$ mv lab4/image1.jpeg lab4/image2.jpeg lab4/image3.png lab4/image4.png lab4/image5.gif lab4-imgs/
jorge@jorge-VirtualBox:~$ ls lab4-imgs/
image1.jpeg image2.jpeg image3.png image4.png image5.gif
jorge@jorge-VirtualBox:~$ mv lab4/videoleaf.mp4 lab4/Pexels.mp4 lab4/another.mp4 lab4-video/
jorge@jorge-VirtualBox:~$ ls lab4-video/
another.mp4 Pexels.mp4 Videoleaf.mp4
jorge@jorge-VirtualBox:~$ ls lab4-docs/
image1.jpeg image2.jpeg image3.png image4.png image5.gif
jorge@jorge-VirtualBox:~$ mv lab4/trivia.txt lab4/triviaXYZ.txt lab4/vita.txt lab4/filea.txt lab4/fileB.txt lab4-docs/
jorge@jorge-VirtualBox:~$ ls lab4-docs/
filea.txt filea.txt fileB.txt trivia.txt triviaXYZ.txt vita.txt
jorge@jorge-VirtualBox:~$ mv lab4/wallpaperslab4/ Pictures/NewWallpapers/
jorge@jorge-VirtualBox:~$ ls Pictures/
'Lab3 2.png' 'lab3.png' 'Lab 3 Steam.png' NewWallpapers
jorge@jorge-VirtualBox:~$ mv lab4 Lab-4
jorge@jorge-VirtualBox:~$ ls
vifs.tar Desktop Downloads Lab-4 lab4-docs lab4-video lab7 Pictures Question1 snap Templates website.html wget-log.1 wget-log.3 wget-log.5
CIS106 Documents esa.0.0-0-4 amd64.deb lab4-audio lab4-imgs lab5 Music Public randtext.txt Steam Videos wget-log wget-log.2 wget-log.4
jorge@jorge-VirtualBox:~$

```

Question 4: Copying Files and Directories

```

Applications Places
jorge@jorge-VirtualBox -
jorge@jorge-VirtualBox:~$ ls Downloads/
'Airplane 2.jpg' 'Airplane 3.jpg' Airplane.jpg Wallpaper2.jpg Wallpaper3.jpg Wallpaper.jpg
jorge@jorge-VirtualBox:~$ cp Downloads/wallpaper.jpg Downloads/wallpaper2.jpg Downloads/wallpaper3.jpg Pictures/NewWallpapers/
cp: cannot stat 'Downloads/wallpaper.jpg': No such file or directory
cp: cannot stat 'Downloads/wallpaper2.jpg': No such file or directory
cp: cannot stat 'Downloads/wallpaper3.jpg': No such file or directory
jorge@jorge-VirtualBox:~$ ls Pictures/NewWallpapers/
Airplane.jpg cpu.jpeg keyboard.jpeg pc.jpeg
jorge@jorge-VirtualBox:~$ mkdir Downloads/NewDirectory/
jorge@jorge-VirtualBox:~$ mv Downloads/wallpapers2.jpg Downloads/wallpapers3.jpg Downloads/NewDirectory/
mv: target 'Downloads/NewDirectory/' is not a directory
jorge@jorge-VirtualBox:~$ mv Downloads/wallpaper.jpg Downloads/wallpapers2.jpg Downloads/wallpapers3.jpg Downloads/NewDirectory/
mv: cannot stat 'Downloads/wallpaper.jpg': No such file or directory
mv: cannot stat 'Downloads/wallpapers2.jpg': No such file or directory
mv: cannot stat 'Downloads/wallpapers3.jpg': No such file or directory
jorge@jorge-VirtualBox:~$ cp -r Downloads/NewDirectory Pictures/
jorge@jorge-VirtualBox:~$ rm -r Downloads/NewDirectory/
rm: cannot remove 'Downloads/NewDirectory/': No such file or directory
jorge@jorge-VirtualBox:~$ rm -r Downloads/NewDirectory/
rm: cannot remove 'Downloads/NewDirectory/': No such file or directory
jorge@jorge-VirtualBox:~$

```

