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zmoustafa@cis106student: ~/lab4.1
/home/zmoustafa
zmoustafa@cis106student:~$ mkdir lab4.1
zmoustafa@cis106student:~$ cd lab4.1/
zmoustafa@cis106student:~/lab4.1$ mkdir pets docs songs
zmoustafa@cis106student:~/lab4.1$ mkdir pets/new pets/old docs/new docs/old songs/new songs/old
zmoustafa@cis106student:~/lab4.1$ touch pets/new/file1
zmoustafa@cis106student:~/lab4.1$ touch pets/new/file2
zmoustafa@cis106student:~/lab4.1$ touch pets/new/file3
zmoustafa@cis106student:~/lab4.1$ touch pets/old/file1
zmoustafa@cis106student:~/lab4.1$ touch pets/old/file2
zmoustafa@cis106student:~/lab4.1$ touch pets/old/file3
zmoustafa@cis106student:~/lab4.1$ touch docs/new/file1
zmoustafa@cis106student:~/lab4.1$ touch docs/new/file2
zmoustafa@cis106student:~/lab4.1$ touch docs/new/file3
zmoustafa@cis106student:~/lab4.1$ touch docs/old/file1
zmoustafa@cis106student:~/lab4.1$ touch docs/old/file2
zmoustafa@cis106student:~/lab4.1$ touch docs/old/file3
zmoustafa@cis106student:~/lab4.1$ touch songs/new/file1
zmoustafa@cis106student:~/lab4.1$ touch songs/new/file2
zmoustafa@cis106student:~/lab4.1$ touch songs/new/file3
zmoustafa@cis106student:~/lab4.1$ touch songs/old/file1
zmoustafa@cis106student:~/lab4.1$ touch songs/old/file2
zmoustafa@cis106student:~/lab4.1$ touch songs/old/file3
zmoustafa@cis106student:~/lab4.1$ 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

```

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zmoustafa@cis106student: ~/lab4.1
./pets/new:
file1 file2 file3
./pets/old:
file1 file2 file3
./songs:
new  old
./songs/new:
file1 file2 file3
./songs/old:
file1 file2 file3
zmoustafa@cis106student:~/lab4.1$ 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
zmoustafa@cis106student:~/lab4.1$

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zmoustafa@cis106student: /srv
zmoustafa@cis106student:~/lab4.1$ cd /srv/
zmoustafa@cis106student:/srv$ rm -rf lab4.1/pets/new/file1 lab4.1/pets/new/file2 lab4.1/pets/new/file3
rm: cannot remove 'lab4.1/pets/new/file2': No such file or directory
zmoustafa@cis106student:/srv$ rm -rf lab4.1/pets/new/file2
zmoustafa@cis106student:/srv$ rm -rf lab4.1/docs/new/file1 lab4.1/docs/new/file2
zmoustafa@cis106student:/srv$ rm -rf lab4.1/docs/new/file3
zmoustafa@cis106student:/srv$ rm -rf lab4.1/pets/old/file1 lab4.1/pets/old/file2 lab4.1/pets/old/file3
zmoustafa@cis106student:/srv$ rm -rf lab4.1/docs/old/file1 lab4.1/docs/old/file2
zmoustafa@cis106student:/srv$ rm -rf lab4.1/pets/
zmoustafa@cis106student:/srv$ rm -rf lab4.1/docs/ lab4.1/songs/
zmoustafa@cis106student:/srv$ rmdir lab4.1/
rmdir: failed to remove 'lab4.1/': No such file or directory
zmoustafa@cis106student:/srv$ rmdir lab4.1/
zmoustafa@cis106student:/srv$

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```

zmoustafa@cis106student: ~
zmoustafa@cis106student:~$ cd
zmoustafa@cis106student:~$ wget https://robertalberto.com/public/lab4.zip && unzip lab4.zip && rm lab4.zip
--2021-10-28 10:17:52-- https://robertalberto.com/public/lab4.zip
Resolving robertalberto.com (robertalberto.com)... 34.66.0.102
Connecting to robertalberto.com (robertalberto.com)[34.66.0.102]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4209377 (4.0M) [application/zip]
Saving to: 'lab4.zip'

lab4.zip           100%[=====] 4.01M  2.71MB/s   in 1.5s

2021-10-28 10:17:54 (2.71 MB/s) - 'lab4.zip' saved [4209377/4209377]

Archive: lab4.zip
  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/triviaXYZ.txt
  extracting: lab4/vita.txt
    creating: lab4/wallpaperslab4/
    inflating: lab4/wallpaperslab4/cpu.jpeg
    inflating: lab4/wallpaperslab4/keyboard.jpeg
    inflating: lab4/wallpaperslab4/pc.jpeg
zmoustafa@cis106student:~$

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zmoustafa@cis106student: ~
zmoustafa@cis106student:~$ ls
Desktop  Downloads  ewe  9.9.0.4.and64.deb  games  here  lab4  music  Music  nature  oct27  Oct27  Pictures  Public  snap  Templates  todo.md  vac21  vacation  Videos  website.html
zmoustafa@cis106student:~$ mkdir lab4-imgs lab4-audio lab4-video lab4-docs
zmoustafa@cis106student:~$ mv lab4/audio.mp3 lab4/Silence.mp3 lab4/song.mp3 lab4-audio/
zmoustafa@cis106student:~$ ls lab4-audio/
audio.mp3  Silence.mp3  song.mp3
zmoustafa@cis106student:~$ mv lab4/image3.png lab4/image4.png lab4/image5.gif lab4/image1.jpeg lab4/image2.jpeg lab4-imgs
zmoustafa@cis106student:~$ ls lab4-imgs/
image1.jpeg  image2.jpeg  image3.png  image4.png  image5.gif
zmoustafa@cis106student:~$ mv lab4/another.mp4 lab4/Pexels.mp4 lab4/VideoLeaf.mp4 lab-video/
mv: target 'lab-video/' is not a directory
zmoustafa@cis106student:~$ mv lab4/another.mp4 lab4/Pexels.mp4 lab4/VideoLeaf.mp4 lab-video
mv: target 'lab-video' is not a directory
zmoustafa@cis106student:~$ mv lab4/another.mp4 lab4/Pexels.mp4 lab4/VideoLeaf.mp4 lab4-video
zmoustafa@cis106student:~$ ls lab4-video/
another.mp4  Pexels.mp4  VideoLeaf.mp4
zmoustafa@cis106student:~$ mv lab4/filea.txt lab4/fileA.txt lab4/fileB.txt lab4/trivia.txt lab4/triviaXYZ.txt lab4/vita.txt lab4-docs
zmoustafa@cis106student:~$ ls lab4-docs/
filea.txt  fileA.txt  fileB.txt  trivia.txt  triviaXYZ.txt  vita.txt
zmoustafa@cis106student:~$ mv lab4/wallpaperslab4/ picture/NewWallpapers/
mv: cannot move 'lab4/wallpaperslab4/' to 'picture/NewWallpapers/': No such file or directory
zmoustafa@cis106student:~$ mv lab4/wallpaperslab4/ pictures/NewWallpapers/
mv: cannot move 'lab4/wallpaperslab4/' to 'pictures/NewWallpapers/': No such file or directory
zmoustafa@cis106student:~$ mv lab4/wallpaperslab4/ Pictures/NewWallpapers/
zmoustafa@cis106student:~$ ls Pictures
NewWallpapers  Screenshot from 2021-09-22 22:55-46.png
zmoustafa@cis106student:~$ mv ~/lab4 ~/lab-4
$: command not found
zmoustafa@cis106student:~$ mv /home/Lab4 /home/lab-4
mv: cannot stat '/home/Lab4': No such file or directory
zmoustafa@cis106student:~$ mv /home/Lab4/ /home/lab-4/
mv: cannot stat '/home/Lab4/': No such file or directory
zmoustafa@cis106student:~$ mv lab4 lab-4
zmoustafa@cis106student:~$

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zmoustafa@cis106student: ~/Downloads
zmoustafa@cis106student: ~/Downloads
zmoustafa@cis106student:~$ ls Downloads/
city.jpeg here-hl roses.jpeg soccer1.jpg soccer2.jpeg soccer3.jpeg view.jpeg
zmoustafa@cis106student:~$ cp Downloads/city.jpeg Downloads/roses.jpeg Downloads/view.jpeg Pictu
res/NewWallpapers/
cp: target 'Pictures/NewWallpapers/' is not a directory
zmoustafa@cis106student:~$ cp Downloads/city.jpeg Downloads/roses.jpeg Downloads/view.jpeg Pictu
res/NewWallpapers/
cp: target 'Pictures/NewWallpapers/' is not a directory
zmoustafa@cis106student:~$ cp Downloads/city.jpeg Downloads/roses.jpeg Downloads/view.jpeg Pictu
res/Newwallpapers/
zmoustafa@cis106student:~$ ls Pictures/Newwallpapers/
city.jpeg cpu.jpeg keyboard.jpeg pc.jpeg roses.jpeg view.jpeg
zmoustafa@cis106student:~$ cd Downloads
zmoustafa@cis106student:~/Downloads$ mkdir Barca
zmoustafa@cis106student:~/Downloads$ ls
Barca      barca2.jpg city.jpeg roses.jpeg soccer2.jpeg view.jpeg
barca1.png barca3.jpeg here-hl soccer1.jpg soccer3.jpeg
zmoustafa@cis106student:~/Downloads$ mv Downloads/barca1.png Downloads/barca2.jpg Downloads/barc
a3.jpeg Downloads/Barca/
mv: target 'Downloads/Barca/' is not a directory
zmoustafa@cis106student:~/Downloads$ mv Downloads/barca1.png Downloads/barca2.jpg Downloads/barc
a3.jpeg Downloads/Barca
mv: target 'Downloads/Barca' is not a directory
zmoustafa@cis106student:~/Downloads$ mv Downloads/barca1.png Downloads/barca2.jpg Downloads/barc
a3.jpeg Barca/
mv: cannot stat 'Downloads/barca1.png': No such file or directory
mv: cannot stat 'Downloads/barca2.jpg': No such file or directory
mv: cannot stat 'Downloads/barca3.jpeg': No such file or directory
zmoustafa@cis106student:~/Downloads$ mv barca1.png barca2.jpg barca3.jpeg Barca/
zmoustafa@cis106student:~/Downloads$ ls Barca
barca1.png barca2.jpg barca3.jpeg
zmoustafa@cis106student:~/Downloads$ cp Barca/ Pictures/
cp: -r not specified; omitting directory 'Barca/'
zmoustafa@cis106student:~/Downloads$
zmoustafa@cis106student:~/Downloads$ cp Barca Pictures
cp: -r not specified; omitting directory 'Barca'
zmoustafa@cis106student:~/Downloads$ -r Barca/
-r: command not found
zmoustafa@cis106student:~/Downloads$ mv -r Barca/
mv: invalid option -- 'r'
Try 'mv --help' for more information.
zmoustafa@cis106student:~/Downloads$
```