

Notes 5

MKDIR

question 1.1

```

OCT 28 14:00
nop@cis106: ~
nop@cis106:~$ mkdir -p lab5/q1.1/games/action
nop@cis106:~$ mkdir lab5/q1.1/games/adventure
mkdir lab5/q1.1/games/strategy
nop@cis106:~$ touch lab5/q1.1/games/action/action_games.txt
touch lab5/q1.1/games/action/fps_list.txt
touch lab5/q1.1/games/action/mods.py
touch lab5/q1.1/games/adventure/action_games.txt
touch lab5/q1.1/games/adventure/fps_list.txt
touch lab5/q1.1/games/adventure/mods.py
touch lab5/q1.1/games/strategy/action_games.txt
touch lab5/q1.1/games/strategy/fps_list.txt
touch lab5/q1.1/games/strategy/mods.py
nop@cis106:~$ tree lab5
lab5
├── q1.1
│   └── games
│       ├── action
│       │   ├── action_games.txt
│       │   ├── fps_list.txt
│       │   └── mods.py
│       ├── adventure
│       │   ├── action_games.txt
│       │   ├── fps_list.txt
│       │   └── mods.py
│       └── strategy
│           ├── action_games.txt
│           ├── fps_list.txt
│           └── mods.py
6 directories, 9 files
nop@cis106:~$
```

question 1.2

```

OCT 28 14:06
nop@cis106: ~
nop@cis106:~$ mkdir lab5
mkdir: cannot create directory 'lab5': File exists
nop@cis106:~$ mkdir -p lab5/q1.1/games/actions/
nop@cis106:~$ mkdir lab5/q1.1/games/fps/
nop@cis106:~$ mkdir lab5/q1.1/games/rpg/
nop@cis106:~$ touch lab5/q1.1/games/action/action_games.txt
nop@cis106:~$ touch lab5/q1.1/games/fps/fps_list.txt
nop@cis106:~$ touch lab5/q1.1/games/rpg/mods.py
nop@cis106:~$ tree lab5/
lab5/
├── q1.1
│   ├── games
│   │   ├── action
│   │   │   ├── action_games.txt
│   │   │   ├── fps_list.txt
│   │   │   └── mods.py
│   │   ├── actions
│   │   ├── adventure
│   │   │   ├── action_games.txt
│   │   │   ├── fps_list.txt
│   │   │   └── mods.py
│   │   ├── fps
│   │   │   ├── fps_list.txt
│   │   └── rpg
│   │       ├── mods.py
│   │       └── strategy
│   │           ├── action_games.txt
│   │           ├── fps_list.txt
│   │           └── mods.py
9 directories, 11 files
nop@cis106:~$
```

question 2

```
Oct 28 14:40
nop@cis106: ~
nop@cis106:~$ cd /srv/
nop@cis106:/srv$ rm q1.2/math.pdf q1.2/linux.txt
rm: cannot remove 'q1.2/math.pdf': No such file or directory
rm: cannot remove 'q1.2/linux.txt': No such file or directory
nop@cis106:/srv$ cd SHOME
nop@cis106:/srv$ rm -r q1.1 q1.2
rm: cannot remove 'q1.1': No such file or directory
nop@cis106:/srv$ ls q1.2
ls: cannot access 'q1.2': No such file or directory
nop@cis106:/srv$ ls
cis106  Documents  lab5wallpapers  Pictures  Public  Templates  website-lab5
Desktop  Downloads  Music          practice  snap    Videos
nop@cis106:/srv$
```

question 3

```
Oct 28 14:07
nop@cis106: ~

nop@cis106:~$ cd $HOME
rm -rf lab5
nop@cis106:~$ wget https://cis106.com/assets/lab5/lab5.zip && unzip lab5.zip && rm lab5.zip
--2024-10-28 14:07:02-- https://cis106.com/assets/lab5/lab5.zip
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)[185.199.108.153]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4301053 (4.1M) [application/zip]
Saving to: 'lab5.zip'

lab5.zip      100%[=====] 4.10M  8.08MB/s   in 0.5s

2024-10-28 14:07:02 (8.08 MB/s) - 'lab5.zip' saved [4301053/4301053]

Archive: lab5.zip
  creating: lab5/
  inflating: lab5/starwars3.wav
  inflating: lab5/sonicwings2.mp4
  inflating: lab5/breakers.mp4
  inflating: lab5/chess.jpg
  inflating: lab5/book.png
  inflating: lab5/readme.odt
  inflating: lab5/project.docx
  inflating: lab5/robot.ogg
  creating: lab5/wallpapersLab5/
  inflating: lab5/wallpapersLab5/bookstore.jpg
  inflating: lab5/wallpapersLab5/courage.jpg
  inflating: lab5/wallpapersLab5/rokyo.jpg
nop@cis106:~$ ls -ls lab5 | sort -t. -k2
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 starwars3.wav
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 sonicwings2.mp4
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 breakers.mp4
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 chess.jpg
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 book.png
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 readme.odt
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 robot.ogg
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 project.docx
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 bookstore.jpg
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 courage.jpg
-rw-r--r-- 1 nop nop 10240 2024-10-28 14:07 rokyo.jpg
nop@cis106:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
nop@cis106:~$ mv lab5/*.{jpg,jpeg,png,gif} lab5-img/; mv lab5/*.{mp3,wav} lab5-audio/; mv lab5/*.{mp4,mkv,avi} lab5-video/; mv lab5/*.{pdf,doc,docx,txt} lab5-doc/

Oct 28 14:09
nop@cis106: ~

project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
nop@cis106:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
nop@cis106:~$ mv lab5/*.{jpg,jpeg,png,gif} lab5-img/; mv lab5/*.{mp3,wav} lab5-audio/; mv lab5/*.{mp4,mkv,avi} lab5-video/; mv lab5/*.{pdf,doc,docx,txt} lab5-doc/
mv: cannot stat 'lab5/*.{jpg,jpeg,png,gif}': No such file or directory
mv: cannot stat 'lab5/*.{mp3,wav}': No such file or directory
mv: cannot stat 'lab5/*.{mp4,mkv,avi}': No such file or directory
mv: cannot stat 'lab5/*.{pdf,doc,docx,txt}': No such file or directory
nop@cis106:~$ mv lab5/wallpapersLab5 ~/Pictures/NewWallpapers
nop@cis106:~$ ls -d /home/your_username/lab5-img /home/your_username/lab5-audio /home/your_username/lab5-video /home/your_username/lab5-doc /home/your_username/Pictures/NewWallpapers
ls: cannot access '/home/your_username/lab5-img': No such file or directory
ls: cannot access '/home/your_username/lab5-audio': No such file or directory
ls: cannot access '/home/your_username/lab5-video': No such file or directory
ls: cannot access '/home/your_username/lab5-doc': No such file or directory
ls: cannot access '/home/your_username/Pictures/NewWallpapers': No such file or directory
nop@cis106:~$ rm -rf lab5 lab5-img lab5-audio lab5-video lab5-doc ~/Pictures/NewWallpapers
nop@cis106:~$ ls -d1 ~/*
/home/nop/cis106/
/home/nop/Desktop/
/home/nop/Documents/
/home/nop/Downloads/
/home/nop/Music/
/home/nop/Pictures/
/home/nop/practice/
/home/nop/Public/
/home/nop/q1.2/
/home/nop/snap/
/home/nop/Templates/
/home/nop/Videos/
nop@cis106:~$
```

question 4

```
Oct 28 14:15
nop@cis106: ~/Downloads

nop@cis106:~$ cd ~/Downloads
nop@cis106:~/Downloads$ ls -l
pexels-eberhardgross-1366919.jpg
pexels-eberhardgross-1624496.jpg
pexels-eberhardgross-443446.jpg
nop@cis106:~/Downloads$ mkdir ~/Pictures/lab5wallpapers
nop@cis106:~/Downloads$ cp ~/Downloads/wallpaper1.jpg ~/Pictures/lab5wallpapers/
cp ~/Downloads/wallpaper2.jpg ~/Pictures/lab5wallpapers/
cp ~/Downloads/wallpaper3.jpg ~/Pictures/lab5wallpapers/
cp: cannot stat '/home/nop/Downloads/wallpaper1.jpg': No such file or directory
cp: cannot stat '/home/nop/Downloads/wallpaper2.jpg': No such file or directory
cp: cannot stat '/home/nop/Downloads/wallpaper3.jpg': No such file or directory
nop@cis106:~/Downloads$ cp ~/Downloads/* ~/Pictures/lab5wallpapers/
cp: cannot stat '/home/nop/Downloads/*': No such file or directory
nop@cis106:~/Downloads$ cp -r ~/Pictures/lab5wallpapers ~/Downloads/
nop@cis106:~/Downloads$ tree /etc/q1.2
/etc/q1.2 [error opening dir]

0 directories, 0 files
nop@cis106:~/Downloads$ tree /etc/Pictures
/etc/Pictures [error opening dir]

0 directories, 0 files
nop@cis106:~/Downloads$
```

challenge question

```
Oct 28 14:18
nop@cis106: ~

nop@cis106:~$ ls -l ~/website-lab5
total 5996
-rw-rw-r-- 1 nop nop 1891887 Oct 28 14:10 pexels-eberhardgross-1366919.jpg
-rw-rw-r-- 1 nop nop 2037862 Oct 28 14:09 pexels-eberhardgross-1624496.jpg
-rw-rw-r-- 1 nop nop 3083839 Oct 28 14:09 pexels-eberhardgross-443446.jpg
nop@cis106:~$
```