

# Final

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## Question 1

![question1.1]

![questions1.2]

![question1.3]

## Question 2

![question2.1]

![question2.2]

![question2.3]

## Question 3

```
rimon1997@cis106:~$ mkdir -p fall21/{cis106,cis108,en102}/{homework,notes,material/books}
rimon1997@cis106:~$ mv ~/midtermfiles3/question3/linuxhmw.pdf fall21/cis106/material/books
mv: cannot stat '/home/rimon1997/midtermfiles3/question3/linuxhmw.pdf': No such file or directory
rimon1997@cis106:~$ mv /midtermfiles3/question3/linuxhmw.pdf fall21/cis106/material/books
mv: cannot stat '/midtermfiles3/question3/linuxhmw.pdf': No such file or directory
rimon1997@cis106:~$ mv /midtermfiles3/question3/linuxhmw.pdf fall21/cis106/material/books
mv: cannot stat '/midtermfiles3/question3/linuxhmw.pdf': No such file or directory
rimon1997@cis106:~$ mv midtermfiles3/question3/linuxhmw.pdf fall21/cis106/homework}
rimon1997@cis106:~$ mv midtermfiles3/question3/linuxbook.pdf fall21/cis106/material/books}
mv: cannot stat 'midtermfiles3/question3/linuxbook.pdf': No such file or directory
rimon1997@cis106:~$ mv midtermfiles3/question3/Linuxbook.pdf fall21/cis106/material/books}
rimon1997@cis106:~$ mv midtermfiles3/question3/linuxnotes.pdf fall21/cis106/notes}
rimon1997@cis106:~$ mv midtermfiles3/question3/networkingnotes.pdf fall21/cis108/notes}
rimon1997@cis106:~$ mv midtermfiles3/question3/networkinghmw.pdf fall21/cis108/homework}
rimon1997@cis106:~$ tree fall21
fall21
├── cis106
│   ├── homework}
│   │   └── linuxhmw.pdf
│   ├── material
│   │   └── books}
│   │       └── Linuxbook.pdf
│   └── notes}
│       └── linuxnotes.pdf
├── cis108
│   ├── books}
│   ├── homework}
│   │   └── networkinghmw.pdf
│   ├── material
│   │   └── books}
│   └── notes}
│       └── networkingnotes.pdf
└── en102
    ├── homework}
    ├── material
    │   └── books}
    └── notes}
```

15 directories, 6 files

```
rimon1997@cis106:~$
```

![question3.2] ![question3.3]

## Question 4

```
rimon1997@cis106:~$ ls ~/midtermfiles3/question1/Ubuntu-logo.svg
/home/rimon1997/midtermfiles3/question1/Ubuntu-logo.svg
rimon1997@cis106:~$ start ~/midtermfiles3/question1/Ubuntu-logo.svg

Command 'start' not found, did you mean:

  command 'stars' from snap stars (2.7jrc3)
  command 'tart' from deb tart (3.10-1build1)
  command 'rstart' from deb x11-session-utils (7.7+4)
  command 'startx' from deb xinit (1.4.1-0ubuntu2)
  command 'stat' from deb coreutils (8.30-3ubuntu2)

See 'snap info <snapname>' for additional versions.

rimon1997@cis106:~$ start ~/midtermfiles3/question1/Ubuntu-logo.svg

Command 'start' not found, did you mean:

  command 'stars' from snap stars (2.7jrc3)
  command 'startx' from deb xinit (1.4.1-0ubuntu2)
  command 'tart' from deb tart (3.10-1build1)
  command 'rstart' from deb x11-session-utils (7.7+4)
  command 'stat' from deb coreutils (8.30-3ubuntu2)

See 'snap info <snapname>' for additional versions.

rimon1997@cis106:~$ stat ~/midtermfiles3/question1/Ubuntu-logo.svg
stat: cannot stat '/midtermfiles3/question1/Ubuntu-logo.svg': No such file or directory
rimon1997@cis106:~$ ls -i ~/midtermfiles3/question1/Ubuntu-logo.svg
3534480 /home/rimon1997/midtermfiles3/question1/Ubuntu-logo.svg
rimon1997@cis106:~$
```

## ![question4.2]

```
rimon1997@cis106:~$ sudo mv ~/midtermfiles3/question1/Ubuntu-logo.svg /usr/share/backgrounds
[sudo] password for rimon1997:
rimon1997@cis106:~$ sudo mv ~/midtermfiles3/question1/Ubuntu-logo.svg /usr/share/backgrounds/ubuntu.png
mv: cannot stat '/home/rimon1997/midtermfiles3/question1/Ubuntu-logo.svg': No such file or directory
rimon1997@cis106:~$ ls -l /usr/share/backgrounds/Ubuntu-logo.svg
-rw-rw-r-- 1 rimon1997 rimon1997 699 May 17 19:16 /usr/share/backgrounds/Ubuntu-logo.svg
rimon1997@cis106:~$ rm -r ~/midtermfiles3/question1
rimon1997@cis106:~$ ls ~/midtermfiles3/question1
ls: cannot access '/home/rimon1997/midtermfiles3/question1': No such file or directory
rimon1997@cis106:~$
```