# Q1

1.)

```
.06vm:~/Documents/midtermfiles3/question1$ ls -lgGh --full-time
otal 184K
              512 2022-05-17 18:01:32.424314000 -0400 about.html
rw-rw-r-- 1
              21K 2022-05-17 18:01:32.424314000 -0400 accounts.ods
551 2022-05-17 18:01:32.424314000 -0400 basicInfo.tx
rw-rw-r-- 1
rw-rw-r-- 1
                                                   -0400 basicInfo.txt
              512 2022-05-17 18:01:32.424314000 -0400 contact.html
rw-rw-r-- 1
              41 2022-05-17 18:01:32.424314000 -0400 hello.py
rw-rw-r-- 1
--- - W-L
               36 2022-05-17 18:01:32.424314000 -0400 hello.rb
               32 2022-05-17 18:01:32.424314000
                                                    -0400 hello.sh
--- - W-L--
              512 2022-05-17 18:01:32.424314000 -0400 index.html
              10K 2022-05-17 18:01:32.424314000
                                                    -0400
                                                          linux.docx
              16K 2022-05-17 18:01:32.424314000
                                                   -0400
                                                          linux.pdf
--- - W-L--
              609 2022-05-17 18:01:32.424314000
                                                    -0400
             11K 2022-05-17 18:01:32.424314000
                                                   -0400 macos.docx
ΓW-ΓW-Γ--
rw-rw-r-- 1
            4.0K 2022-05-17 18:01:32.424314000
                                                   -0400 MacOS
rw-rw-r-- 1 19K 2022-05-17 18:01:32.424314000 -0400 macos.pdf
rw-rw-r-- 1
             978 2022-05-17 18:01:32.424314000 -0400 macos.txt
              699 2022-05-17 18:01:32.424314000 -0400 Ubuntu_logo.svg
              20K 2022-05-17 18:01:32.428316000 -0400 users-data.ods
10K 2022-05-17 18:01:32.428316000 -0400 windows.docx
rw-rw-r-- 1
              17K 2022-05-17 18:01:32.428316000 -0400 windows.pdf
rw-rw-r-- 1
              866 2022-05-17 18:01:32.428316000 -0400 windows.txt
rw-rw-r-- 1
```

2.)

```
# All Files Organized
## Documents
```

```
student@Cis106vm:~/Documents/midtermfiles3/question1$ ls -lgGh --full-time ~ > file.md
student@Cis106vm:~/Documents/midtermfiles3/question1$ [
```

4.)

```
student@Cis106vm:~/Documents/midtermfiles3/question1$ ls -lgGh --full-time ~ > file.md
student@Cis106vm:~/Documents/midtermfiles3/question1$ ls -lgGh --full-time *.pdf ~ > file.md
student@Cis106vm:~/Documents/midtermfiles3/question1$ ls -lgGh --full-time *.html ~ > file.md
student@Cis106vm:~/Documents/midtermfiles3/question1$ []
```

Q2

Q3

1.)

2.)

```
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv comp2syllabus.pdf ~/Documents/fall22/En102/material/
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv Linuxbook.pdf ~/Documents/fall22/cis106/material/books/
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv linuxhmw.pdf ~/Documents/fall22/cis106/hmw/
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv linuxnotes.pdf ~/Documents/fall22/cis106/notes/
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv networkingbook.pdf ~/Documents/fall22/cis180/material/books/
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv networkinghmw.pdf ~/Documents/fall22/cis180/hmw/
student@Cis106vm:~/Documents/midtermfiles3/question3$ mv networkinghootes.pdf ~/Documents/fall22/cis180/notes/
```

4.)

```
student@Cls106vm:~/Documents/fall22$ tree -H ~ > katrina.html

tudent@Cls106vm:~/Documents/fall22$ tree

- cls106
- hmw
- linuxhmw.pdf
- material
- books
- linuxnotes.pdf
- cts180
- hmw
- networkinghmw.pdf
- material
- books
- networkingbook.pdf
- notes
- networkingbook.pdf
- material
- books
- networkingnotes.pdf
- En102
- hmw
- material
- books
- comp2syllabus.pdf
- notes
- katrina.html

15 directories, 8 files
- student@Cls106vm:~/Documents/fall22$
```

5.)

```
student@Cis106vm:~$ cd /var/www/html/
student@Cis106vm:/var/www/html$ mv index.html /var/www/html/index.html.bk
mv: cannot move 'index.html' to '/var/www/html/index.html.bk': Permission denied
student@Cis106vm:/var/www/html$ sudo mv index.html /var/www/html/index.html.bk
student@Cis106vm:/var/www/html$
```

7.)

```
student@Cis106vm:/var/www/html$ cd
student@Cis106vm:~$ cd Documents/fall22/
student@Cis106vm:~/Documents/fall22$ sudo mv katrina.html /var/www/html/
student@Cis106vm:~/Documents/fall22$ []
```

8.)

# **Directory Tree**

```
/home/student
   cis106
      hmw
       └─ linuxhmw.pdf
      material
        books
          notes
       cis180
      hmw

    □ networkinghmw.pdf

      material
        books
            networkingbook.pdf
      notes

    □ networkingnotes.pdf

   En102
     - hmw
      material
         books
         comp2syllabus.pdf
     notes
   katrina.html
```

15 directories, 8 files

tree v1.8.0 © 1996 - 2018 by Steve Baker and Thomas Moore HTML output hacked and copyleft © 1998 by Francesc Rocher JSON output hacked and copyleft © 2014 by Florian Sesser Charsets / OS/2 support © 2001 by Kyosuke Tokoro

## 04

1.) ~/Documents/midtermfiles3/question1/Windows\_logo.svg

#### 1.) Inode: 3146138

```
student@Cis106vm: ~/midtermfiles3/question1 🔊
                                                 student@Cis106vm: ~
tudent@Cis106vm:~$ cd ~/midtermfiles3/question1/
tudent@Cis106vm:~/midtermfiles3/question1$ stat Windows logo.svq
 File: Windows_logo.svg
 Size: 486
                                       IO Block: 4096 regular file
                      Blocks: 8
Device: 805h/2053d
                     Inode: 3146138
                                       Links: 1
Gid: ( 1000/ student)
Access: 2022-05-17 18:06:58.835435645 -0400
4odify: 2022-05-17 18:01:32.424314924 -0400
Change: 2022-05-17 18:01:32.424314924 -0400
Birth: -
tudent@Cis106vm:~/midtermfiles3/question1$
```

#### 2.)

```
student@Cis106vm:~/Documents/midtermfiles3/question1$ sudo mv Windows_logo.svg /usr/share/backgrounds/New_logo.svg
student@Cis106vm:~/Documents/midtermfiles3/question1$ []
```

### 3.)

```
student@Cis106vm:~$ cd ~/Documents/midtermfiles3/question1
student@Cis106vm:~/Documents/midtermfiles3/question1$ ls -l *.svg
-rw-rw-r-- 1 student student 3997 May 17 18:01 MacOS_logo.svg
-rw-rw-r-- 1 student student 699 May 17 18:01 Ubuntu_logo.svg
student@Cis106vm:~/Documents/midtermfiles3/question1$
```

```
tudent@Cis106vm:~$ tree -lQpsDh ~/Documents/midtermfiles3/question1
/home/student/Documents/midtermfiles3/question1"

— [-rw-rw-r-- 512 May 17 18:01] "about.html"

— [-rw-rw-r-- 20K May 17 18:01] "accounts.ods"
    [-rw-rw-r-- 551 May 17 18:01]
[-rw-rw-r-- 512 May 17 18:01]
                                               "basicInfo.txt"
                                                "contact.html"
                                                "hello.py"
                      41 May 17
                                    18:01]
    [-rw-rw-r-- 36 May 17 18:01]
                                                "hello.rb"
                                                "hello.sh"
    [-rw-rw-r-- 32 May 17 18:01]
                                                "index.html"
     -rw-rw-r-- 512 May 17 18:01]
     -rw-rw-r-- 9.9K May 17 18:01]
                                                "linux.docx'
     -rw-rw-r-- 16K May 17 18:01]
                                                "linux.pdf"
                                                "linux.txt"
    [-rw-rw-r-- 609 May 17 18:01]
     -rw-rw-r-- 10K May 17 18:01]
-rw-rw-r-- 3.9K May 17 18:01]
                                                "macos.docx"
                                               "MacOS_logo.svg"
"macos.pdf"
    [-rw-rw-r-- 18K May 17 18:01]
[-rw-rw-r-- 978 May 17 18:01]
                                                "macos.txt"
     -rw-rw-r-- 699 May 17 18:01]
-rw-rw-r-- 20K May 17 18:01]
                                                "users-data.ods
     -rw-rw-r-- 10.0K May 17 18:01]
                                                "windows.docx"
                                               "windows.pdf"
    [-rw-rw-r-- 17K May 17 18:01] "windows.pdf"
[-rw-rw-r-- 866 May 17 18:01] "windows.txt"
```