

# Final Exam Submission

## Q1

```
jdeguzman@cis106:~$ git clone https://github.com/linuxworkshop67/rebeccasfiles
Cloning into 'rebeccasfiles'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 12 (delta 3), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), 111.38 KiB | 1.22 MiB/s, done.
Resolving deltas: 100% (3/3), done.
```

```
jdeguzman@cis106:~$ cd Documents/
jdeguzman@cis106:~/Documents$ mkdir fall22
jdeguzman@cis106:~/Documents$ mkdir fall22/cis108 fall22/en101 fall22/ma101
jdeguzman@cis106:~/Documents$ mkdir fall22/cis108/books fall22/cis108/homework fall22/cis108/notes
jdeguzman@cis106:~/Documents$ mkdir fall22/en101/books fall22/en101/homework fall22/en101/notes
jdeguzman@cis106:~/Documents$ mkdir fall22/ma101/books fall22/ma101/homework fall22/ma101/notes
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/1.docx fall22/cis108/homework/cis106.docx
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/2.docx fall22/en101/homework/en102.docx
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/3.docx fall22/ma101/homework/ma121.docx
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/notes1.md fall22/cis108/notes/cis106.md
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/notes2.md fall22/en101/notes/en102.md
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/notes3.md fall22/ma101/notes/ma121.md
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/1.pdf fall22/cis108/books/cis160.pdf
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/2.pdf fall22/en101/books/en102.pdf
jdeguzman@cis106:~/Documents$ mv ~/rebeccasfiles/3.pdf fall22/ma101/books/ma121.pdf
```

```
jdeguzman@cis106:~/Documents$ tree -h ~/Documents/fall22/
[4.0K] /home/jdeguzman/Documents/fall22/
├── [4.0K] cis108
│   ├── [4.0K] books
│   │   └── [3.0K] cis160.pdf
│   ├── [4.0K] homework
│   │   └── [109K] cis106.docx
│   └── [4.0K] notes
│       └── [ 91] cis106.md
├── [4.0K] en101
│   ├── [4.0K] books
│   │   └── [3.0K] en102.pdf
│   ├── [4.0K] homework
│   │   └── [109K] en102.docx
│   └── [4.0K] notes
│       └── [ 91] en102.md
└── [4.0K] ma101
    ├── [4.0K] books
    │   └── [3.0K] ma121.pdf
    ├── [4.0K] homework
    │   └── [109K] ma121.docx
    └── [4.0K] notes
        └── [ 91] ma121.md
```

## Q2

```
jdeguzman@cis106:~$ curl https://cis106.com/assets/final_q2.sh | bash
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total       Spent      Left     Speed
100 168 100 168    0     0  1148      0 --:--:-- --:--:-- --:--:-- 1142
jdeguzman@cis106:~$ cd /usr/share/
jdeguzman@cis106:/usr/share$ ls -lh ~/final_q2/ --sort=extension | grep -E '1.*2|2.*1' | awk '{print $1, $5, $9}'
-rw-rw-r-- 0 song2.aac
-rw-rw-r-- 0 docs2.docx
-rw-rw-r-- 0 image2.gif
-rw-rw-r-- 0 image2.jpg
-rw-rw-r-- 0 song2.mp3
-rw-rw-r-- 0 docs2.pdf
-rw-rw-r-- 0 image2.png
jdeguzman@cis106:/usr/share$ mkdir ~/all_files_organized
jdeguzman@cis106:/usr/share$ mkdir ~/all_files_organized/docs ~/all_files_organized/imgs ~/all_files_organized/program ~/all_files_organized/music
jdeguzman@cis106:/usr/share$ mv ~/final_q2/docs*.~ ~/all_files_organized/docs/
jdeguzman@cis106:/usr/share$ mv ~/final_q2/image*.~ ~/all_files_organized/imgs/
jdeguzman@cis106:/usr/share$ mv ~/final_q2/program.* ~/all_files_organized/program/
jdeguzman@cis106:/usr/share$ mv ~/final_q2/song*.~ ~/all_files_organized/music/

jdeguzman@cis106:/usr/share$ ls -Rs ~/all_files_organized/ > ~/all_files_organized/report.txt
jdeguzman@cis106:/usr/share$ cat ~/all_files_organized/report.txt
/home/jdeguzman/all_files_organized/:
total 16
4 docs
4 imgs
4 music
4 program
0 report.txt

/home/jdeguzman/all_files_organized/docs:
total 0
0 docs1.docx
0 docs1.pdf
0 docs2.docx
0 docs2.pdf

/home/jdeguzman/all_files_organized/imgs:
total 0
0 image1.gif
0 image1.jpg
0 image1.png
0 image2.gif
0 image2.jpg
0 image2.png

/home/jdeguzman/all_files_organized/music:
total 0
```

Q3