Final Exam Submission

Q1

```
jdpaz@cis106vm ~$ 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 | 770.00 KiB/s, done.
Resolving deltas: 100% (3/3), done.
jdpaz@cis106vm ~$ mkdir -p Documents/Spring22/{cis160,en102,ma121}
jdpaz@cis106vm ~$ cd Documents/Spring22/
jdpaz@cis106vm Spring22$ mkdir cis160/books cis160/homework cis160/notes en102/books en102/homework en102/notes ma121/books ma121/homework ma121/notes
jdpaz@cis106vm Spring22$ cd ~/rebeccasfiles/
jdpaz@cis106vm rebeccasfiles$ mv 1.docx cis106.docx
jdpaz@cis106vm rebeccasfiles$ mv 2.docx en102.docx
jdpaz@cis106vm rebeccasfiles$ mv 3.docx ma121.docx
jdpaz@cis106vm rebeccasfiles$ mv notes1.md cis106.md
jdpaz@cis106vm rebeccasfiles$ mv notes2.md en102.md
jdpaz@cis106vm rebeccasfiles$ mv notes3.md ma121.md
jdpaz@cis106vm rebeccasfiles$ mv 1.pdf cis160.pdf
jdpaz@cis106vm rebeccasfiles$ mv 2.pdf en102.pdf
jdpaz@cis106vm rebeccasfiles$ mv 3.pdf ma121.pdf
jdpaz@cis106vm rebeccasfiles$ mv cis106.docx cis160.docx
jdpaz@cis106vm rebeccasfiles$ mv cis106.md cis160.md
jdpaz@cis106vm rebeccasfiles$ mv cis160.pdf ~/Documents/Spring22/cis160/books/
jdpaz@cis106vm rebeccasfiles$ mv cis160.md ~/Documents/Spring22/cis160/notes/
jdpaz@cis106vm rebeccasfiles$ mv cis160.docx ~/Documents/Spring22/cis160/homework/
jdpaz@cis106vm rebeccasfiles$ mv en102.docx ~/Documents/Spring22/en102/homework/
jdpaz@cis106vm rebeccasfiles$ mv en102.md ~/Documents/Spring22/en102/notes/
jdpaz@cis106vm rebeccasfiles$ mv en102.pdf ~/Documents/Spring22/en102/books/
jdpaz@cis106vm rebeccasfiles$ mv ma121.pdf ~/Documents/Spring22/ma121/books/
jdpaz@cis106vm rebeccasfiles$ mv ma121.docx ~/Documents/Spring22/ma121/homework/
jdpaz@cis106vm rebeccasfiles$ mv ma121.md ~/Documents/Spring22/ma121/notes/
jdpaz@cis106vm rebeccasfiles$
```

Q2

```
1: Terminal ∨
jdpaz@cis106vm ~$ 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    270      0 --:--:-- --:--:-- --:--:--   270
jdpaz@cis106vm ~$ cd /usr/share
jdpaz@cis106vm share$ ls -lgGhX ~/final_q2/*1*
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/song1.aac
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/docs1.docx
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/image1.gif
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/image1.jpg
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/song1.mp3
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/docs1.pdf
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/image1.png
jdpaz@cis106vm share$ ls -lgGhX ~/final_q2/*2*
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/song2.aac
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/docs2.docx
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/image2.gif
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/image2.jpg
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/song2.mp3
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/docs2.pdf
-rw-rw-r-- 1 0 May  9 18:09 /home/jdpaz/final_q2/image2.png
jdpaz@cis106vm share$ mkdir ~/all_files_organized
jdpaz@cis106vm share$ mkdir ~/all_files_organized/aac
jdpaz@cis106vm share$ mkdir ~/all_files_organized/docx
jdpaz@cis106vm share$ mkdir ~/all_files_organized/gif
jdpaz@cis106vm share$ mkdir ~/all_files_organized/jpg
jdpaz@cis106vm share$ mkdir ~/all_files_organized/mp3
jdpaz@cis106vm share$ mkdir ~/all_files_organized/pdf
jdpaz@cis106vm share$ mkdir ~/all_files_organized/png
jdpaz@cis106vm share$ mkdir ~/all_files_organized/programs
jdpaz@cis106vm share$ mv ~/final_q2/*.aac ~/all_files_organized/aac
jdpaz@cis106vm share$ mv ~/final_q2/*.docx ~/all_files_organized/docx
jdpaz@cis106vm share$ mv ~/final_q2/*.gif ~/all_files_organized/gif
jdpaz@cis106vm share$ mv ~/final_q2/*.jpg ~/all_files_organized/jpg
jdpaz@cis106vm share$ mv ~/final_q2/*.mp3 ~/all_files_organized/mp3
jdpaz@cis106vm share$ mv ~/final_q2/*.pdf ~/all_files_organized/pdf
jdpaz@cis106vm share$ mv ~/final_q2/*.png ~/all_files_organized/png
jdpaz@cis106vm share$ mv ~/final_q2/program* ~/all_files_organized/programs
jdpaz@cis106vm share$
```

```
1: Terminal ∨                                                            A ⬜
jdpaz@cis106vm share$ ls -RS ~/all_files_organized/ > ~/all_files_organized/report.txt
jdpaz@cis106vm share$ cat ~/all_files_organized/report.txt
/home/jdpaz/all_files_organized/:
aac
docx
gif
jpg
mp3
pdf
png
programs
report.txt

/home/jdpaz/all_files_organized/aac:
song1.aac
song2.aac

/home/jdpaz/all_files_organized/docx:
docs1.docx
docs2.docx
```

```
/home/jdpaz/all_files_organized/gif:
image1.gif
image2.gif

/home/jdpaz/all_files_organized/jpg:
image1.jpg
image2.jpg

                                    3 / 3

/home/jdpaz/all_files_organized/mp3:
song1.mp3
song2.mp3

/home/jdpaz/all_files_organized/pdf:
docs1.pdf
docs2.pdf

/home/jdpaz/all_files_organized/png:
image1.png
image2.png
```
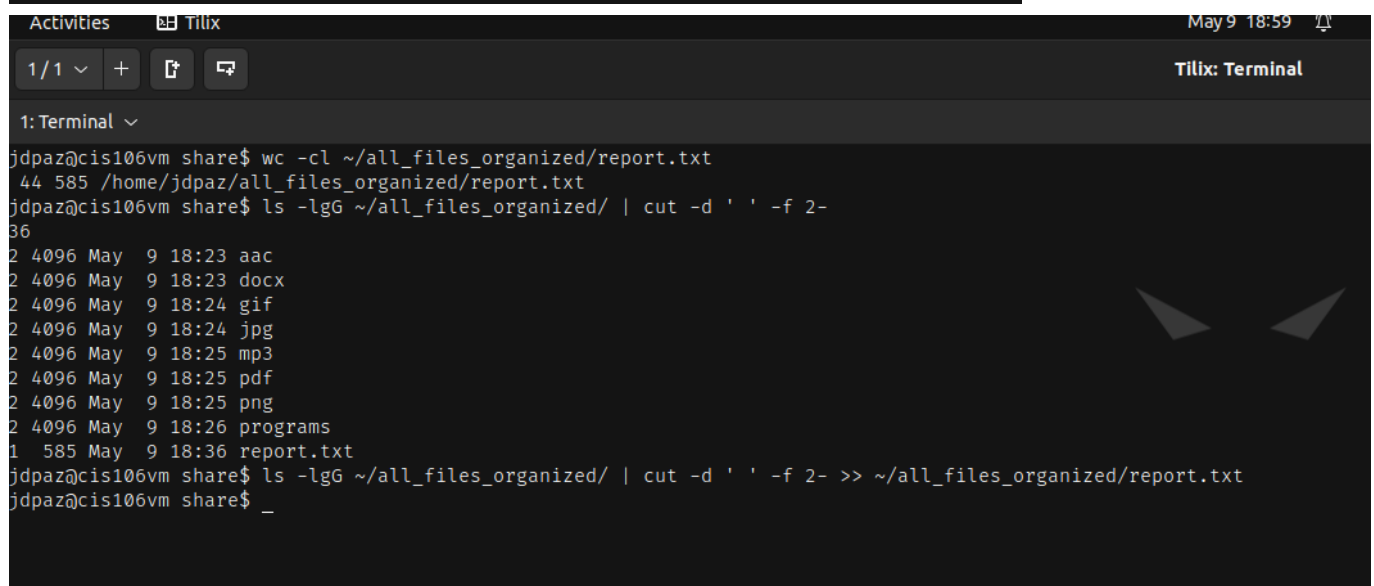
```
/home/jdpaz/all_files_organized/programs:
program.go
program.py
program.rb
program.sh
jdpaz@cis106vm share$
```

Activities   Tilix   May 9 18:59

1/1   +   ☐   ☐   **Tilix: Terminal**

1: Terminal ∨

```
jdpaz@cis106vm share$ wc -cl ~/all_files_organized/report.txt
 44 585 /home/jdpaz/all_files_organized/report.txt
jdpaz@cis106vm share$ ls -lgG ~/all_files_organized/ | cut -d ' ' -f 2-
36
2 4096 May  9 18:23 aac
2 4096 May  9 18:23 docx
2 4096 May  9 18:24 gif
2 4096 May  9 18:24 jpg
2 4096 May  9 18:25 mp3
2 4096 May  9 18:25 pdf
2 4096 May  9 18:25 png
2 4096 May  9 18:26 programs
1  585 May  9 18:36 report.txt
jdpaz@cis106vm share$ ls -lgG ~/all_files_organized/ | cut -d ' ' -f 2- >> ~/all_files_organized/report.txt
jdpaz@cis106vm share$ _
```

Q3