

Final Exam

Question 1

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maperez14692@CIS106VM: ~  
maperez14692@CIS106VM:~$ ls -lX ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/  
linux.docx  
macos.docx  
windows.docx  
about.html  
contact.html  
index.html  
linux.pdf  
macos.pdf  
windows.pdf  
MacOS_logo.png  
Ubuntu-logo.png  
Windows_logo.png  
hello.py  
basicInfo.txt  
linux.txt  
macos.txt  
windows.txt  
maperez14692@CIS106VM:~$ mkdir FinalExam/q1  
mkdir: cannot create directory 'FinalExam/q1': No such file or directory  
maperez14692@CIS106VM:~$ mkdir finalExam/q1  
maperez14692@CIS106VM:~$ cp -r ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/*.docx ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/*.pdf ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/*.txt ~/finalExam/q1/  
maperez14692@CIS106VM:~$ ls -lHS finalExam/q1/*.docx  
-rw-rw-r-- 1 maperez14692 maperez14692 11K Dec 14 17:08 finalExam/q1/macOS.docx  
-rw-rw-r-- 1 maperez14692 maperez14692 10K Dec 14 17:08 finalExam/q1/windows.docx  
-rw-rw-r-- 1 maperez14692 maperez14692 10K Dec 14 17:08 finalExam/q1/linux.docx  
maperez14692@CIS106VM:~$ ls -lHS finalExam/q1/*.docx > finalExam/q1/q1.4.md  
maperez14692@CIS106VM:~$ ls -lHS finalExam/q1/*.pdf > finalExam/q1/q1.4.1md  
maperez14692@CIS106VM:~$ ls -lHS finalExam/q1/*.txt > finalExam/q1/q1.4.2md  
maperez14692@CIS106VM:~$ rm finalExam/q1/q1.4.md  
maperez14692@CIS106VM:~$ rm finalExam/q1/q1.4.1md  
maperez14692@CIS106VM:~$ rm finalExam/q1/q1.4.2md  
maperez14692@CIS106VM:~$ ls -lHS finalExam/q1/*.docx | ls -lHS finalExam/q1/*.pdf | ls -lHS finalExam/q1/*.txt > finalExam/q1/q1.4.md  
maperez14692@CIS106VM:~$ ls -lHS finalExam/q1/*.docx > finalExam/q1/q1.4.md  
maperez14692@CIS106VM:~$ cat finalExam/q1/q1.4.md  
-rw-rw-r-- 1 maperez14692 maperez14692 11K Dec 14 17:08 finalExam/q1/macOS.docx  
-rw-rw-r-- 1 maperez14692 maperez14692 10K Dec 14 17:08 finalExam/q1/windows.docx  
-rw-rw-r-- 1 maperez14692 maperez14692 10K Dec 14 17:08 finalExam/q1/linux.docx  
maperez14692@CIS106VM:~$
```

Question 2

```
maperez14692@CIS106VM: ~  
maperez14692@CIS106VM: ~  
maperez14692@CIS106VM: ~$ ls ~/Documents/CIS-106-Fall-22/midtermfiles3/question2/  
bg-callout.jpg  favicon.ico  portfolio-1.jpg  portfolio-3.jpg  scripts.js  
bg-masthead.jpg  index.html  portfolio-2.jpg  portfolio-4.jpg  styles.css  
maperez14692@CIS106VM: ~$
```

```
Activities Terminal Dec 14 18:49  
maperez14692@CIS106VM: ~  
maperez14692@CIS106VM: ~$ ls ~/Documents/CIS-106-Fall-22/midtermfiles3/question2  
bg-callout.jpg  favicon.ico  portfolio-1.jpg  portfolio-3.jpg  scripts.js  
bg-masthead.jpg  index.html  portfolio-2.jpg  portfolio-4.jpg  styles.css  
maperez14692@CIS106VM: ~$ grep "src" ~/Documents/CIS-106-Fall-22/midtermfiles3/question2/index.html  
<script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>  
    
    
    
    
<iframe src="https://maps.google.com/maps?f=q&q=source:s_q&hl=en&geocode=A&q=Twitter,+Inc.,+Market+Street,+San+Francisco,+CA&aq=0&oq=twitter&sll=28.659344,-81.187888&sspn=0.128789,0.264187&ie=UTF8&hq=Twitter,+Inc.,+Market+Street,+San+Francisco,+CA&t=m&z=15&loc=A&output=embed"></iframe>  
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>  
<script src="js/scripts.js"></script>  
maperez14692@CIS106VM: ~$
```

Question 3

Question 4

```
maperez14692@CIS106VM: ~
maperez14692@CIS106VM: ~
maperez14692@CIS106VM: ~
maperez14692@CIS106VM: ~
maperez14692@CIS106VM: ~

maperez14692@CIS106VM: ~$ ls -lhc ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/
total 136K
-rw-rw-r-- 1 maperez14692 maperez14692 512 Dec 14 17:06 about.html
-rw-rw-r-- 1 maperez14692 maperez14692 551 Dec 14 17:06 basicInfo.txt
-rw-rw-r-- 1 maperez14692 maperez14692 512 Dec 14 17:06 contact.html
-rw-rw-r-- 1 maperez14692 maperez14692 41 Dec 14 17:06 hello.py
-rw-rw-r-- 1 maperez14692 maperez14692 512 Dec 14 17:06 index.html
-rw-rw-r-- 1 maperez14692 maperez14692 10K Dec 14 17:06 linux.docx
-rw-rw-r-- 1 maperez14692 maperez14692 16K Dec 14 17:06 linux.pdf
-rw-rw-r-- 1 maperez14692 maperez14692 609 Dec 14 17:06 linux.txt
-rw-rw-r-- 1 maperez14692 maperez14692 11K Dec 14 17:06 macos.docx
-rw-rw-r-- 1 maperez14692 maperez14692 4.0K Dec 14 17:06 MacOS_logo.png
-rw-rw-r-- 1 maperez14692 maperez14692 19K Dec 14 17:06 macos.pdf
-rw-rw-r-- 1 maperez14692 maperez14692 978 Dec 14 17:06 macos.txt
-rw-rw-r-- 1 maperez14692 maperez14692 699 Dec 14 17:06 Ubuntu-logo.png
-rw-rw-r-- 1 maperez14692 maperez14692 10K Dec 14 17:06 windows.docx
-rw-rw-r-- 1 maperez14692 maperez14692 486 Dec 14 17:06 Windows_logo.png
-rw-rw-r-- 1 maperez14692 maperez14692 17K Dec 14 17:06 windows.pdf
-rw-rw-r-- 1 maperez14692 maperez14692 866 Dec 14 17:06 windows.txt
maperez14692@CIS106VM: ~$ ls -lhc ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/ > file_info.txt
maperez14692@CIS106VM: ~$ mv file_info.txt /usr/share/backgrounds/new_file_name.txt
mv: cannot move 'file_info.txt' to '/usr/share/backgrounds/new_file_name.txt': Permission denied
maperez14692@CIS106VM: ~$ tree -lhc ~/Documents/CIS-106-Fall-22/midtermfiles3/question1/
[4.0K] /home/maperez14692/Documents/CIS-106-Fall-22/midtermfiles3/question1/
├── [512] about.html
├── [551] basicInfo.txt
├── [512] contact.html
├── [41] hello.py
├── [512] index.html
├── [9.9K] linux.docx
├── [16K] linux.pdf
├── [609] linux.txt
├── [10K] macos.docx
├── [3.9K] MacOS_logo.png
├── [18K] macos.pdf
├── [978] macos.txt
├── [699] Ubuntu-logo.png
├── [10.0K] windows.docx
├── [486] Windows_logo.png
├── [17K] windows.pdf
└── [866] windows.txt
0 directories, 17 files
maperez14692@CIS106VM: ~$ tree ~/Documents/CIS-106-Fall-22/midtermfiles3/
/home/maperez14692/Documents/CIS-106-Fall-22/midtermfiles3/
├── error.txt
├── question1
│   ├── about.html
│   ├── basicInfo.txt
├── question2
│   ├── bg-callout.jpg
│   ├── bg-nasthead.jpg
│   ├── favicon.ico
│   ├── index.html
│   ├── portfolio-1.jpg
│   ├── portfolio-2.jpg
│   ├── portfolio-3.jpg
│   ├── portfolio-4.jpg
│   ├── scripts.js
│   └── styles.css
├── question3
│   ├── csv
│   │   └── users.csv
│   ├── pdfs
│   │   ├── comp2y1labus.pdf
│   │   ├── linuxbook.pdf
│   │   ├── linuxhw.pdf
│   │   ├── linuxnotes.pdf
│   │   ├── networkingbook.pdf
│   │   ├── networkinghw.pdf
│   │   └── networkingnotes.pdf
│   └── users-modified.csv
5 directories, 37 files
maperez14692@CIS106VM: ~$
```