Final EXam submission

41 05/17/22 hello.py

1 36 05/17/22 hello.rb 1 32 05/17/22 hello.sh 1 4.0K 05/17/22 MacOS_logo.svg

609 05/17/22 linux.txt

rw-rw-r-- 1 486 05/17/22 Windows_logo.svg rw-rw-r-- 1 551 05/17/22 basicInfo.txt

rw-rw-r-- 1 978 05/17/22 macos.txt

rw-rw-r--

rw-rw-r-rw-rw-r--

rw-rw-r-- 1

Q1

```
caty@cis106:~$ ls -lGqsh --time-style=+%D ~/midtermfiles3/question1
total 184K
4.0K -rw-rw-r-- 1
                    512 05/17/22 about.html
24K -rw-rw-r-- 1
                    21K 05/17/22 accounts.ods
.0K -rw-rw-r-- 1
                    551 05/17/22 basicInfo.txt
4.0K -rw-rw-r-- 1
                    512 05/17/22 contact.html
                     41 05/17/22 hello.py
.0K -rw-rw-r-- 1
                     36 05/17/22 hello.rb
.0K -rw-rw-r-- 1
.0K -rw-rw-r-- 1
                     32 05/17/22 hello.sh
.0K -rw-rw-r-- 1
                    512 05/17/22 index.html
12K -rw-rw-r-- 1
                    10K 05/17/22 linux.docx
16K -rw-rw-r-- 1
                    16K 05/17/22 linux.pdf
.0K -rw-rw-r-- 1
                    609 05/17/22 linux.txt
12K -rw-rw-r-- 1
                    11K 05/17/22 macos.docx
.0K -rw-rw-r-- 1 4.0K 05/17/22 MacOS logo.svg
20K -rw-rw-r-- 1
                   19K 05/17/22 macos.pdf
.0K -rw-rw-r-- 1
                    978 05/17/22 macos.txt
20K -rw-rw-r-- 1
                    20K 05/17/22 users-data.ods
12K -rw-rw-r-- 1
                   10K 05/17/22 windows.docx
4.0K -rw-rw-r-- 1
                   486 05/17/22 Windows logo.svg
20K -rw-rw-r-- 1
                    17K 05/17/22 windows.pdf
4.0K -rw-rw-r-- 1
                    866 05/17/22 windows.txt
caty@cis106:~$
caty@cis106:~/midtermfiles3/question1$ vim organized.md
aty@cis106:~/midtermfiles3/question1$ ls -lGghX --time-style=+%D ~/midtermfiles3/question1
total 184K
rw-rw-r-- 1
           10K 05/17/22 linux.docx
rw-rw-r-- 1
           11K 05/17/22 macos.docx
rw-rw-r-- 1
           10K 05/17/22 windows.docx
           512 05/17/22 about.html
rw-rw-r--
           512 05/17/22 contact.html
rw-rw-r--
rw-rw-r-- 1
           512 05/17/22 index.html
rw-rw-r-- 1
           21K 05/17/22 accounts.ods
rw-rw-r--
           20K 05/17/22 users-data.ods
           16K 05/17/22 linux.pdf
19K 05/17/22 macos.pdf
rw-rw-r--
rw-rw-r--
           17K 05/17/22 windows.pdf
rw-rw-r-- 1
```

```
caty@cis106:~$ ls -lGgsh --time-style=+%D ~/midtermfiles3/question1
total 184K
                  512 05/17/22 about.html
4.0K -rw-rw-r-- 1
24K -rw-rw-r-- 1
                  21K 05/17/22 accounts.ods
4.0K -rw-rw-r-- 1
                 551 05/17/22 basicInfo.txt
4.0K -rw-rw-r-- 1
                 512 05/17/22 contact.html
                  41 05/17/22 hello.py
4.0K -rw-rw-r-- 1
                  36 05/17/22 hello.rb
.0K -rw-rw-r-- 1
4.0K -rw-rw-r-- 1
                  32 05/17/22 hello.sh
                  512 05/17/22 index.html
.0K -rw-rw-r-- 1
12K -rw-rw-r-- 1
                  10K 05/17/22 linux.docx
16K -rw-rw-r-- 1
                  16K 05/17/22 linux.pdf
4.0K -rw-rw-r-- 1
                 609 05/17/22 linux.txt
                  11K 05/17/22 macos.docx
12K -rw-rw-r-- 1
4.0K -rw-rw-r-- 1 4.0K 05/17/22 Mac0S_logo.svg
20K -rw-rw-r-- 1
                 19K 05/17/22 macos.pdf
.0K -rw-rw-r-- 1
                 978 05/17/22 macos.txt
20K -rw-rw-r-- 1
                 20K 05/17/22 users-data.ods
12K -rw-rw-r-- 1 10K 05/17/22 windows.docx
4.0K -rw-rw-r-- 1
                 486 05/17/22 Windows logo.svg
20K -rw-rw-r-- 1
                 17K 05/17/22 windows.pdf
caty@cis106:~$
```

Q2

```
katy@cis106:~$ touch inf.txt
katy@cis106:~$ wc -l /etc/passwd >> inf.txt
katy@cis106:~$ grep "/bin/bash" /etc/passwd | wc -l >> inf.txt
```

Q3

```
katy@cis106:~$ mkdir -p spring22/{CIS106,CIS180,EN102}/{hmw,material/book,notes}
katy@cis106:~$ tree spring22
     CIS106
        hmw
           - book
           - book
        — hmw
             book
        notes
15 directories, 0 files
katy@cis106:~$ ls ~/midtermfiles3/question3
comp2syllabus.pdf linuxhmw.pdf
                                                networkingbook.pdf networkingnotes.pdf
                         linuxnotes.pdf networkinghmw.pdf
Linuxbook.pdf
katy@cis106:~$ mv ~/midtermfiles3/question3/Linuxbook.pdf ~/midtermfiles3/question3/CIS106/mat
erial/book
mv: cannot move '/home/katy/midtermfiles3/question3/Linuxbook.pdf' to '/home/katy/midtermfiles
3/question3/CIS106/material/book': No such file or directory
katy@cis106:~$ mv ~/midtermfiles3/question3/Linuxbook.pdf ~/spring22/CIS106/material/book
15 directories, 1 file
katy@cis106:~$ ls ~/midtermfiles3/question3
comp2syllabus.pdf linuxnotes.pdf
                                                networkinghmw.pdf
                       networkingbook.pdf networkingnotes.pdf
linuxhmw.pdf
<aty@cis106:~$ mv ~/midtermfiles3/question3/comp2syllabus.pdf ~/spring22/EN102/notes</p>
15 directories, 2 files
katy@cis106:~$ mv
mv: missing file operand
Try 'mv --help' for more information.
katy@cis106:~$ ls ~/midtermfiles3/question3
linuxhmw.pdf linuxnotes.pdf networkingbook.pdf networkinghmw.pdf networkingnotes.pdf
katy@cis106:~$ mv~/midtermfiles3/question3/linuxhmw.pdf ~/spring22/CIS106/hmw
bash: mv~/midtermfiles3/question3/linuxhmw.pdf: No such file or directory
katy@cis106:~$ mv ~/midtermfiles3/question3/linuxhmw.pdf ~/spring22/CIS106/hmw
katy@cis106:~$ mv ~/midtermfiles3/question3/linuxnotes.pdf ~/spring22/CIS106/notes
katy@cis106:~$ mv ~/midtermfiles3/question3/networkingbook.pdf ~/spring22/CIS180/material/book
katy@cis106:~$ mv ~/midtermfiles3/question3/networkinghmw.pdf ~/spring22/CIS180/hmw
 caty@cis106:~$ mv ~/midtermfiles3/question3/networkingnotes.pdf ~/spring22/CIS180/notes
caty@cis106:~$
```

```
directories, 0 files
aty@cis106:~$ tree spring22
pring22
  - CIS106
      - hmw
        linuxhmw.pdf
       material
        book

    Linuxbook.pdf

       notes

    linuxnotes.pdf

   CIS180
       hmw

    □ networkinghmw.pdf

       material
         book
            networkingbook.pdf
      - notes
        networkingnotes.pdf
   EN102
      - hmw
       material
        - book
       notes
        comp2syllabus.pdf
15 directories, 7 files
```

```
aty@cis106:~$ tree --charset spring22 > katrina.html
aty@cis106:~$ sudo apt install apache2 -y
sudo] password for katy:
eading package lists... Done
uilding dependency tree
eading state information... Done
he following packages were automatically installed and are no longer required:
   kio libatomic1:i386 libbasicusageenvironment1 libbsd0:i386 libcddb2 libdrm-amdgpu1:i386
   libdrm-intel1:i386 libdrm-nouveau2:i386 libdrm-radeon1:i386 libdrm2:i386 libdvbpsi10
   libedit2:i386 libelf1:i386 libexpat1:i386 libffi7:i386 libfwupdplugin1 libgl1:i386
   libgl1-mesa-dri:i386 libgl1-mesa-glx:i386 libglapi-mesa:i386 libglvnd0:i386
   libglx-mesa0:i386 libglx0:i386 libgroupsock8 libhfstospell10 libixml10 libkate1
   libkf5archive5 libkf5attica5 libkf5completion-data libkf5completion5 libkf5doctools5
   libkf5globalaccel-bin libkf5globalaccel-data libkf5globalaccel5 libkf5globalaccelprivate5
   libkf5iconthemes-bin libkf5iconthemes-data libkf5iconthemes5 libkf5itemviews-data
```

Directory Tree

```
spring22

2022-05-16 18-14.png
2022-05-16 18-12.png
2022-05-16 18-22.png
2022-05-16 18-34.png
allwyfiles.txt
cisl06

cheat sheets

Absolute Path VS Relative Path Cheat sheet.png
grepcommand.html
grepstartsand end.png
Linux Workshop Ubuntu Software installation cheat sheet.png
markdown-cheatsheet.pdf
pasted image 0.png
tar.png
The LS command Cheat Sheet(1).png
usingcomplement.png
WILDCARDS_FILE GLOBBING CHEAT SHEET.png
xz.png
xz.png
yz.png
FinalExam
Final-Katiuska-nunez.md
q3.1.png
q3.2.png
q3.2.png
q3.4.png
q3.4.png
q3.5.png
q3.6.png
q4.1.png
q4.1.png
q4.2.png
FinalProject
Apache.png
deliverable1.png
Deliverable2.pd
deliverable2.md
deliverable2.md
deliverable2.md
deliverable2.md
deliverable2.nd
```

Q4

```
ty@cis106:~$ cd ~/midtermfiles3/question1
katy@cis106:~/midtermfiles3/question1$ ls
                                linux.docx MacOS_logo.svg
about.html
                  hello.py
                                                                    users-data.ods
                                                                                         windows.txt
                  hello.rb
                                linux.pdf
                                               macos.pdf
accounts.ods
                                                                   windows.docx
                 hello.sh
basicInfo.txt
                                linux.txt
                                               macos.txt
                  index.html macos.docx Ubuntu-logo.svg windows.pdf
contact.html
katy@cis106:~/midtermfiles3/question1$ pwd Ubuntu-logo.svg
/home/katy/midtermfiles3/question1
katy@cis106:~/midtermfiles3/question1$ ls -i Ubuntu-logo.svg
545844 Ubuntu-logo.svg
katy@cis106:~/midtermfiles3/question1$ sudo mv ~/midtermfiles3/question1/Ubuntu-logo.svg /usr/
share/backgrounds/ubuntuLog.svg
[sudo] password for katy:
katy@cis106:~/midtermfiles3/question1$ ls -l *.svg
-rw-rw-r-- 1 katy katy 3997 May 17 18:11 MacOS_logo.svg
-rw-rw-r-- 1 katy katy 486 May 17 18:11 Windows logo.svg
katy@cis106:~/midtermfiles3/question1$ [LS -L --full-time *.svg | -rw-rw-r-- 1 katy katy 3997 2022-05-17 18:11:01.152907783 -0400 MacOS_logo.svg -rw-rw-r-- 1 katy katy 486 2022-05-17 18:11:01.152907783 -0400 Windows_logo.svg katy@cis106:~/midtermfiles3/question1$
```

```
0 directories, 20 files
katy@cis106:~/midtermfiles3/question1$ tree -pshD
                  512 May 17 18:11]
                                      about.html
    [-rw-rw-r--
                  20K May 17 18:11]
                                      accounts.ods
    [-rw-rw-r--
                  551 May 17 18:11]
                                      basicInfo.txt
     - rw-rw-r--
                  512 May 17 18:111
     -rw-rw-r--
                                      contact.html
                   41 May 17 18:11]
     - rw-rw-r--
                                      hello.py
                   36 May 17 18:11]
                                      hello.rb
     - rw-rw-r--
                   32 May 17
                             18:11]
                                      hello.sh
     - rw-rw-r--
                  512 May 17
                             18:11]
                                      index.html
    [-rw-rw-r--
     -rw-rw-r-- 9.9K May 17 18:11]
                                      linux.docx
                  16K May 17 18:11]
                                      linux.pdf
     - rw-rw-r--
     -rw-rw-r--
                  609 May 17 18:11]
                                      linux.txt
                  10K May 17 18:11]
                                      macos.docx
     - rw-rw-r--
     -rw-rw-r-- 3.9K May 17 18:11]
                                      MacOS logo.svg
                  18K May 17 18:11]
     -rw-rw-r--
                                      macos.pdf
                  978 May 17 18:11]
     - rw-rw-r--
                                      macos.txt
                  20K May 17 18:11]
                                      users-data.ods
     - rw-rw-r--
     -rw-rw-r-- 10.0K May 17 18:11]
                                       windows.docx
                  486 May 17 18:11]
                                      Windows_logo.svg
     - rw-rw-r--
                  17K May 17 18:11]
    [-rw-rw-r--
                                      windows.pdf
                  866 May 17 18:11]
                                      windows.txt
     - rw-rw-r--
```