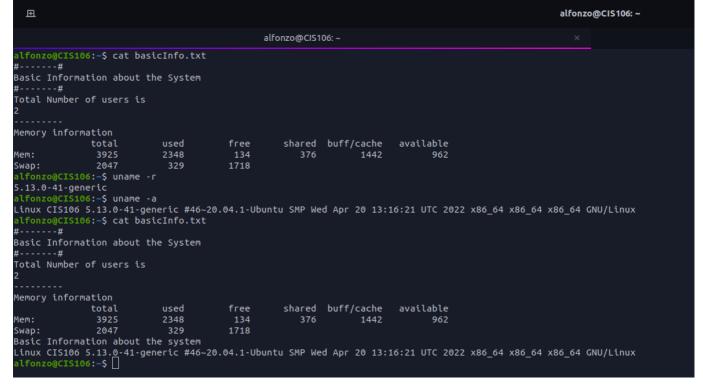# Final Exam Submission

Q1

```
                          alfonzo@CIS106: ~
alfonzo@CIS106:~$ ls -lGgh --time-style="+%m/%d/%y" ~/midtermfiles3/question1
total 188K
-rw-rw-r-- 1  512 05/17/22 about.html
-rw-rw-r-- 1  21K 05/17/22 accounts.ods
-rw-rw-r-- 1  551 05/17/22 basicInfo.txt
-rw-rw-r-- 1  512 05/17/22 contact.html
-rw-rw-r-- 1   41 05/17/22 hello.py
-rw-rw-r-- 1   36 05/17/22 hello.rb
-rw-rw-r-- 1   32 05/17/22 hello.sh
-rw-rw-r-- 1  512 05/17/22 index.html
-rw-rw-r-- 1  10K 05/17/22 linux.docx
-rw-rw-r-- 1  16K 05/17/22 linux.pdf
-rw-rw-r-- 1  609 05/17/22 linux.txt
-rw-rw-r-- 1  11K 05/17/22 macos.docx
-rw-rw-r-- 1 4.0K 05/17/22 MacOS_logo.svg
```

```
                                                        alfonzo@CIS106: ~
                          alfonzo@CIS106: ~                          ×
alfonzo@CIS106:~$ touch organizedReport.md
alfonzo@CIS106:~$ echo "# All Files Organized" "## Documents" "## Web Sites" "##PDFs" > organizedReport.md
alfonzo@CIS106:~$ 
```

```
                                                        alfonzo@CIS1
                          alfonzo@CIS106: ~                          ×
alfonzo@CIS106:~$ ls -lGgh --time-style="+%m/%d/%y" ~/midtermfiles3/question1 >> organizedReport.md
alfonzo@CIS106:~$ 
```

Q2

```
                                    alfonzo@CIS106: ~                                        ×
alfonzo@CIS106:~$ touch basicInfo.txt
alfonzo@CIS106:~$ echo "#-------#" >> basicInfo.txt
alfonzo@CIS106:~$ echo "Basic Information about the System" >> basicInfo.txt
alfonzo@CIS106:~$ echo "#-------#" >> basicInfo.txt
alfonzo@CIS106:~$ echo "Total Number of users is " >> basicInfo.txt
alfonzo@CIS106:~$ grep -n "/bin/bash" /etc/passwd | wc -l >> basicInfo.txt
alfonzo@CIS106:~$ echo "---------" >> basicInfo.txt
alfonzo@CIS106:~$ echo "Memory information " >> basicInfo.txt
alfonzo@CIS106:~$ free -m >> basicInfo.txt
alfonzo@CIS106:~$ echo "Basic Information about the system " >> basicInfo.txt
alfonzo@CIS106:~$ uname -a >> basicInfo.txt
alfonzo@CIS106:~$ 
```

```
                                                                              alfonzo@CIS106: ~

                                    alfonzo@CIS106: ~                                         ×
alfonzo@CIS106:~$ cat basicInfo.txt
#-------#
Basic Information about the System
#-------#
Total Number of users is
2
---------
Memory information
              total        used        free      shared  buff/cache   available
Mem:           3925        2348         134         376        1442         962
Swap:          2047         329        1718
alfonzo@CIS106:~$ uname -r
5.13.0-41-generic
alfonzo@CIS106:~$ uname -a
Linux CIS106 5.13.0-41-generic #46~20.04.1-Ubuntu SMP Wed Apr 20 13:16:21 UTC 2022 x86_64 x86_64 x86_64 GNU/Linux
alfonzo@CIS106:~$ cat basicInfo.txt
#-------#
Basic Information about the System
#-------#
Total Number of users is
2
---------
Memory information
              total        used        free      shared  buff/cache   available
Mem:           3925        2348         134         376        1442         962
Swap:          2047         329        1718
Basic Information about the system
Linux CIS106 5.13.0-41-generic #46~20.04.1-Ubuntu SMP Wed Apr 20 13:16:21 UTC 2022 x86_64 x86_64 x86_64 GNU/Linux
alfonzo@CIS106:~$ 
```

Q3

Q4

1. What is the Absolute path of the image you picked? `~/midtermfiles3/question1/Ubuntu-logo.svg`

2. What is the inode number of the image you picked?

```
                          alfonzo@CIS106: ~/midtermfiles3/question1                          ×
alfonzo@CIS106:~$ cd ~/midtermfiles3/question1/
alfonzo@CIS106:~/midtermfiles3/question1$ ls -li Ubuntu-logo.svg
1062283 -rw-rw-r-- 1 alfonzo alfonzo 699 May 17 18:13 Ubuntu-logo.svg
alfonzo@CIS106:~/midtermfiles3/question1$ 
```

alfonzo@CIS106: ~/midtermfiles3/question1

```
alfonzo@CIS106:~$ mv ~/midtermfiles3/question1/Ubuntu-logo.svg /usr/share/backgrounds/logo.svg
```

3 / 3

3.

alfonzo@CIS106: ~/midtermfiles3/question1

```
alfonzo@CIS106:~$ ls -l
```

4.

```
alfonzo@CIS106:~/midtermfiles3/question1$ ls -lsGgh --time-style="+%m-%d-%Y]  " "" ~/midtermfiles3/question1
ls: cannot access '': No such file or directory
/home/alfonzo/midtermfiles3/question1:
total 188K
4.0K -rw-rw-r-- 1  512 05-17-2022]   about.html
 24K -rw-rw-r-- 1  21K 05-17-2022]   accounts.ods
4.0K -rw-rw-r-- 1  551 05-17-2022]   basicInfo.txt
4.0K -rw-rw-r-- 1  512 05-17-2022]   contact.html
4.0K -rw-rw-r-- 1   41 05-17-2022]   hello.py
4.0K -rw-rw-r-- 1   36 05-17-2022]   hello.rb
4.0K -rw-rw-r-- 1   32 05-17-2022]   hello.sh
4.0K -rw-rw-r-- 1  512 05-17-2022]   index.html
 12K -rw-rw-r-- 1  10K 05-17-2022]   linux.docx
 16K -rw-rw-r-- 1  16K 05-17-2022]   linux.pdf
4.0K -rw-rw-r-- 1  609 05-17-2022]   linux.txt
 12K -rw-rw-r-- 1  11K 05-17-2022]   macos.docx
4.0K -rw-rw-r-- 1 4.0K 05-17-2022]   MacOS_logo.svg
 20K -rw-rw-r-- 1  19K 05-17-2022]   macos.pdf
4.0K -rw-rw-r-- 1  978 05-17-2022]   macos.txt
4.0K -rw-rw-r-- 1  699 05-17-2022]   Ubuntu-logo.svg
 20K -rw-rw-r-- 1  20K 05-17-2022]   users-data.ods
 12K -rw-rw-r-- 1  10K 05-17-2022]   windows.docx
4.0K -rw-rw-r-- 1  486 05-17-2022]   Windows_logo.svg
 20K -rw-rw-r-- 1  17K 05-17-2022]   windows.pdf
4.0K -rw-rw-r-- 1  866 05-17-2022]   windows.txt
alfonzo@CIS106:~/midtermfiles3/question1$
```

5.