Name: Andrew Prieto CIS 106 Fall-22

Week 4 Report

Question 1

```
ight@blight-VirtualBox:~/CIS106-Fall22/Week Reports$ pwd
ome/blight/CIS106-Fall22/Week Reports
ight@blight-VirtualBox:~/CIS106-Fall22/Week Reports$ cd /home/blight/Downloads

ight@blight-VirtualBox:~/Downloads$ pwd
ome/blight/Downloads
ight@blight-VirtualBox:~/Downloads$ cd ../
ight@blight-VirtualBox:~$ pwd
ome/blight
ight@blight-VirtualBox:~$ cd ../
ight@blight-VirtualBox:/home$ pwd
ome
ight@blight-VirtualBox:/home$  cd
ight@blight-VirtualBox:~$ cd /home/
ight@blight-VirtualBox:/home$ cd
ight@blight-VirtualBox:~$ pwd
ome/blight
ight@blight-VirtualBox:~$ 
```



```
light@blight-VirtualBox:~$ ls
IS106-Fall22   Downloads       Music       Public      Templates
esktop         gitcommands.txt myfile.txt  snap        Videos
ocuments       lab4files       Pictures    survy.png   website
light@blight-VirtualBox:~$ cd desktop
ash: cd: desktop: No such file or directory
light@blight-VirtualBox:~$ cd Desktop/practicels/
light@blight-VirtualBox:~/Desktop/practicels$ ls -a
       countries.xml       movie.mp4    tux-nobg.png
       history-debian.pdf  people.csv   tux-penguin.gif
ok.txt homework.docx        song.mp3
light@blight-VirtualBox:~/Desktop/practicels$ ls -l
otal 2932
rw-rw-r-- 1 blight blight    1043 Feb 27  2022 book.txt
rw-rw-r-- 1 blight blight   23972 Feb 27  2022 countries.xml
rw-rw-r-- 1 blight blight  163057 Feb 27  2022 history-debian.pdf
rw-rw-r-- 1 blight blight  111303 Feb 22  2022 homework.docx
rw-rw-r-- 1 blight blight 1570024 Feb 27  2022 movie.mp4
rw-rw-r-- 1 blight blight  284042 Feb 27  2022 people.csv
rw-rw-r-- 1 blight blight  764176 Feb 27  2022 song.mp3
rw-rw-r-- 1 blight blight   21314 Feb 27  2022 tux-nobg.png
rw-rw-r-- 1 blight blight   44299 Jan 31  2020 tux-penguin.gif
light@blight-VirtualBox:~/Desktop/practicels$ 
```

Question 2

Directory	Data stored in Directory
bin	Essential commands

Directory	Data stored in Directory
Dev	Device files
Etc	System Configuration files
Home	User Home Directories
Media	Mount Point for removable media.
Opt	Add-on software packages
Proc	Kernel information, process control system hardware information
Srv	information relating to services that run on the system
Usr	Software not essential for system operation, such as applications
Var	Dedicated to variable data

Question 3

Command	What it does	Syntax	Example
Pwd	used for displaying the current working directory	pwd	pwd
Cd	used to change the current directory, can also bring into home directory	cd + filepath	cd /home
ls	used to display all the files inside the given directory	ls + directory	ls, ls /home

Question 4

Learning to navigate the file system is essential when using linux. The file system is how the computer stores and organizes files. In the file system you have a current and parent directory. The difference between the two is the directory your currently working on is the current directory while a parent is a the previous directory. You also have your home directory and a home directory. Your home is the user data while the computer's home is the root. Next is the pathname which simply indicates the location of the file. Last there is relative and absolute path. Relative path is the location of your current directory while absolute path is starting from the root. There is much more to learn this is just the surface.