**Terminal Exercises**

**Part I**

1. To make a directory named first, we use the command mkdir first.

By using the command cd first, we can change the directory to the first folder.

1. To create a file called person.txt, we use the command touch person.txt
2. To change the name of the file to another.txt We use the command mv person.txt another.txt
3. By using the command cp another.txt copy.txt. We make a copy of the another.txt file and call it copy.txt.
4. To remove the copy.txt file we use the command rm copy.txt
5. To make a copy of the first folder and call it second, we use the command cp -r first second
6. Using the command rm -rf second can delete the second folder.

**Part II**

1. What does the man command do? Type in man rm. How do you scroll and get out? The man command lists the manual for a command.

The man command is used to display the user manual of any command that we can run on the terminal.

1. Look at the man page for ls. What does the -l flag do? What does the -a flag -do?

The -l flag can give more details on a list of files.

The -a flag is used to list all files and folders including hidden ones.

1. How do you jump between words in the terminal?

To jump between words in the terminal, we use the option left and right.

1. How do you get to the end of a line in terminal?

To get to the end of a line in the terminal, we use control + e.

1. How do you move your cursor to the beginning in terminal?

To move the cursor to the beginning of the terminal, we use control + a.

1. How do you delete a word (without pressing backspace multiple times) in -terminal?

To delete a word (without pressing backspace multiple times) in the terminal, we use option + delete.

What is the difference between a terminal and shell?

Terminal is an application that gives us a command line interface (or CLI) to interact with the computer.

The shell is the program which actually processes commands and returns output.

What is an absolute path?

An absolute path is a path starting from the root route.

What is an relative path?

A relative path is a path that starting at the current location, not the root route.

What is a flag? Give three examples of flags you have used.

Flags can change and even enhance commands and are added using a - after the command. Three examples of flags that I know of are, -a and -l that are used for the ls command and -r for the cp and rm commands

What do the r and f flags do with the rm command?

R flag can remove folders and recursively go through each folder and file and f will force removal