**1# Practice: commands and arguments**

* + 1. How many **arguments** are in this line (not counting the command itself).

touch '/etc/cron/cron.allow' 'file 42.txt' "file 33.txt"

* + 1. Is **tac** a shell builtin command ?
    2. Is there an existing alias for **rm** ?
    3. Read the man page of **rm**, make sure you under stand the **-i** option of rm .Create and remove a file to test the **-i** option.
    4. Execute: **alias rm='rm-i'**. Test your alias with a test file. Does this work as expected ?
    5. Find how to list all current aliases.

7a. Create an alias called 'city' that echoes your hometown. 7b. Use your alias to test that it works.

1. Execute **set -x** to display shell expansion for every command.
2. Test the functionality of **set -x** by executing your **city** and **rm** aliases. 10 Execute **set +x** to stop displaying shell expansion.
3. Remove your city alias.
4. What is the location of the **cat** and the **passwd** commands ?
5. Explain the difference between the following commands:

echo

/bin/echo

1. Explain the difference between the following commands:

echo Hello echo -n Hello

1. Display **A B C** with two spaces between B and C.

(optional)16.Complete the following command(do not use spaces)to display exactly the following output:

4+4 =8

10+14 =24

1. Use **echo** to display the following exactly:

??\\

Find two solutions with single quotes ,twowithdoublequotesandonewithoutquotes

1. Use one **echo** command to display three words on three lines.
2. Echo to file a complete string that will do the following:

- Create 1 Directory with 25 sub-directories, create 10 files in the Main directory and forward the output of the listing command to a log file - i.e. List.log

- Execute the above using a single line.

#2