POST LAB ASSIGNMENT 7

1. Write the output of ls command using meta characters like *,?, [ ]

Metacharacters can be used with filename specifications to specify a long list of possible filenames. For instance:

Asterisk (*) - matches any number of other characters

question mark (?) - matches any one other character

square brackets ([])- used to enclose a list of allowed characters, either a set or a range

The command

      ls c*

would mean to **list** any file whose name **starts** with a letter **c**. Any number of any characters (or none) can appear after the c.

nilesh@DESKTOP-QCHD2JP:~$ls *

9a.sh   abc.txt   bank.sh   ele.sh hello.c   hello.java hi.txt nw.sh

abc1.txt armstrong.sh element.sh hello hello.class hello.sh   nwcon.sh

abcd:

abcd1:

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The command

      Ls c?

means to list all files whose filename **begins** with a **c** which is followed by **onlyone** other character.

nilesh@DESKTOP-QCHD2JP:~$ ls hell?
hello

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The use of **squarebrackets** to enclose **sets** of possible letters or numbers is less familiar to most users. Your author indicates the characters specified in the brackets may be:

- **lowercase** letters
- **uppercase** letters
- **digits** 0 through 9
- **special** characters

For instance the command

      Ls [a-e]*

would**list** all filenames **starting** with the letters **a** through **e**.

nilesh@DESKTOP-QCHD2JP:~$ ls [h]*

hello hello.chello.class hello.java hello.sh hi.txt

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2. Write command to verify user's home directory permissions.

nilesh@DESKTOP-QCHD2JP:~$ ls -la /home

total 0

drwxr-xr-x 0 root   root   4096 Apr 8 20:53 .

drwxr-xr-x 0 root   root   4096 Jan 6 20:36 ..

drwxr-xr-x 0 abcdabcd   4096 Jan 6 20:50 abcd

drwxr-xr-x 0   1006   1007 4096 Apr 8 20:53 mynewuser

drwxr-xr-x 0 nileshnilesh 4096 Apr 8 19:31 nilesh

drwxr-xr-x 0 nilesh1 nilesh1 4096 Jan 14 20:02 nilesh1

drwxr-xr-x 0 patilpatil   4096 Jan 6 12:19 patil

drwxr-xr-x 0 yashyash   4096 Jan 6 20:01 yash

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3. Write command to remove the world readable-permissions of user.

nilesh@DESKTOP-QCHD2JP:~$ chmod o-rwx abc.txt

nilesh@DESKTOP-QCHD2JP:~$ ls -la abc.txt

total 7

drwxr-xr-x 0 nileshnilesh 4096 Apr 8 19:31 .

drwxr-xr-x 0 root   root   4096 Apr 8 20:53 ..

-rw-rw-rw- 1 nileshnilesh   264 Apr 8 19:31 9a.sh

-rw-rw-rw- 1 nileshnilesh   0 Jan 13 20:57 abc1.txt

drwxrwxrwx 0 nileshnilesh 4096 Jan 7 20:57 abcd

drwxrwxrwx 0 nileshnilesh 4096 Jan 7 20:58 abcd1

-rw-rw---- 1 nileshnilesh   15 Apr 8 19:31 abc.txt