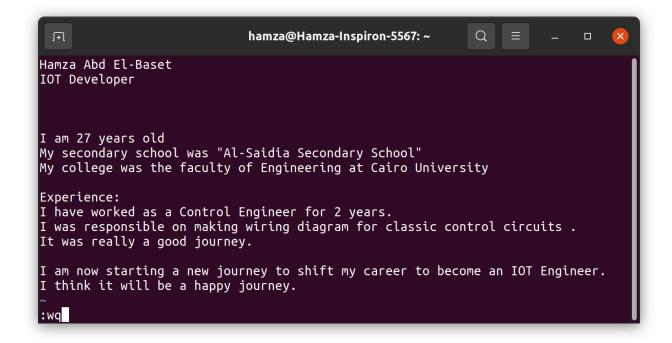
Lab 3

1. Using vi write your CV in the file mycv. Your CV should include your name, age, school, college, experience,...

touch mycv vi mycv



- 2. Open mycv file using vi command then: Without using arrows state how to:
- a. Move the cursor down one line at time.

Press i

b. Move the cursor up one line at time.

Press k

c. Search for word age

Write /age then press Enter

- d. Step to line 5 (assuming that you are in line 1 and file is more than 5 lines). Write 5G
- e. Delete the line you are on and line 5.

Press dd then:5d

- f. How to step to the end of line and change to writing mode in one-step. Press A
- 3. List the available shells in your system.

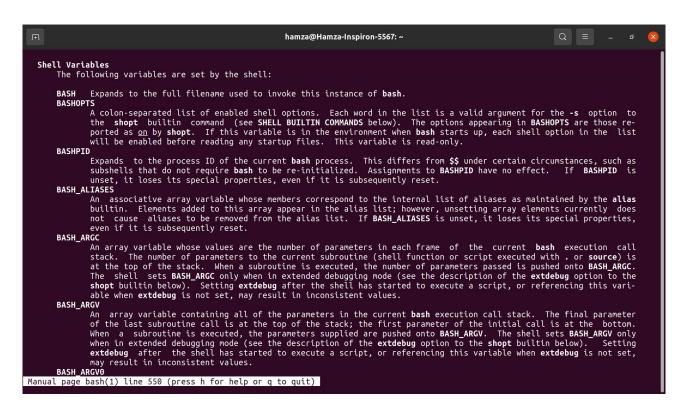


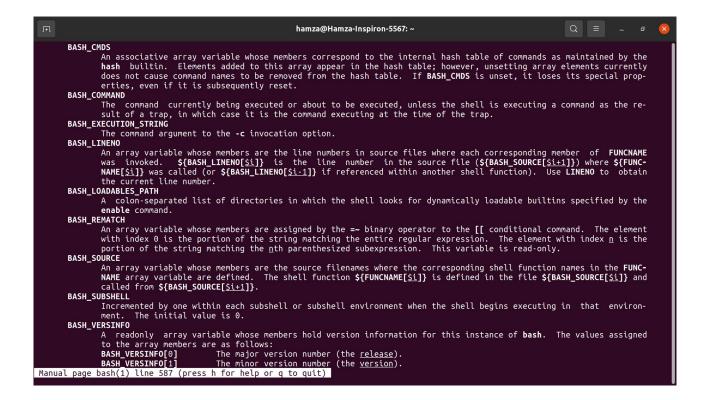
4. List the environment variables in your current shell.

env

5. List all of the environment variables for the bash shell.

Man bash

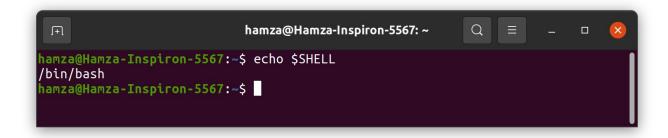




6. What are the commands that list the value of a specific variable?

echo

7. Display your current shell name.



8. State the initialization files of: sh, ksh, bash.

Sh shell:

- /etc/profile
- \$HOME/.profile

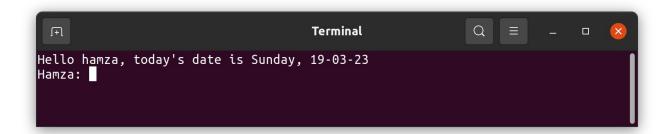
ksh shell:

- /etc/profile
- \$HOME/.profile
- \$HOME/.kshrc

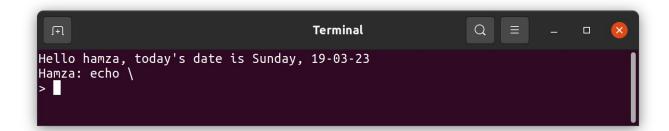
bash shell:

- /etc/profile
- \$HOME/.profile
- \$HOME/.bashrc
- 9. Edit in your profile to display date at login and change your prompt permanently.

```
.bashrc
  Open
         /usr/share/bash-completion/bash_completion
113
     elif [ -f /etc/bash_completion ]; then
114
115
       . /etc/bash_completion
116
117 fi
118
119 echo "Hello $USER, today's date is $(date + "%A, %d-%m-%y")"
120 PS1='Hamza:
121
                                                          sh ▼ Tab Width: 8 ▼
                                                                                 Ln 121, Col 1
                                                                                                  INS
```



10. Execute the following command : echo \ then press enter



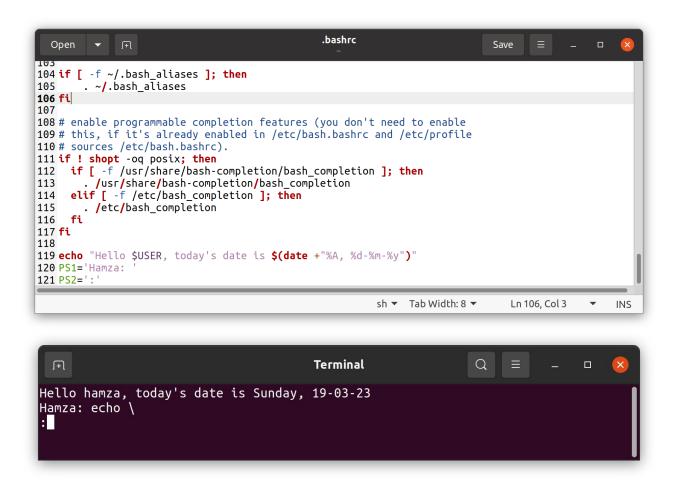
What is the purpose of $\?$

It escapes the next letter which is 'Enter' in our case

Notice the prompt ">" what is that?

This prompt means the command isn't completed successfully Enter must be typed again to complete the command.

and how can you change it from ">" to ":". gedit .bashrc



11. Create a Bash shell alias named Is for the "Is –I" command

```
Terminal
                                                            Q
Hamza: alias ls="ls -l"
Hamza: ls
total 56
            2 hamza hamza 4096 Mar 15 21:30
drwxr-xr-x
                                              Desktop
drwxrwxr-x
            2 hamza hamza 4096 Mar 15 19:13
                                              docs
drwxr-xr-x
            2 hamza hamza 4096 Mar
                                   16
                                      15:09
                                              Documents
drwxr-xr-x
            4 hamza hamza 4096 Mar
                                    19
                                      23:43
                                              Downloads
            8 hamza hamza 4096 Mar
                                   18 15:01
dr-x----
                                              locked_dir
drwxr-xr-x
              hamza hamza 4096 Mar 14 19:13
                                              Music
            2
              hamza hamza 450 Mar 19 14:45
- FW- FW- F--
                                              MVCV
- FW- - WX - - X
              hamza hamza 2937 Mar 15 20:27
                                              oldpasswd
           2 hamza hamza 4096 Mar 14 20:11
drwxr-xr-x
                                              Pictures
                            37 Mar 15 17:44
           1 hamza hamza
                                             "PlayOnLinux's virtual drives" -> /h
lrwxrwxrwx
ome/hamza/.PlayOnLinux//wineprefix/
drwxr-xr-x 2
              hamza hamza 4096 Mar 14 19:13
                                              Public
drwx----- 10
              hamza hamza 4096 Mar
                                    16 15:17
                                              snap
                                   14 19:13
                                              Templates
drwxr-xr-x
              hamza hamza 4096 Mar
            2
drwxr-xr-x
              hamza hamza 4096 Mar 14 19:13
                                              Videos
            2
drwxrwxrwx
            4 hamza hamza 4096 Mar 14 17:07
                                              Work
Hamza:
```