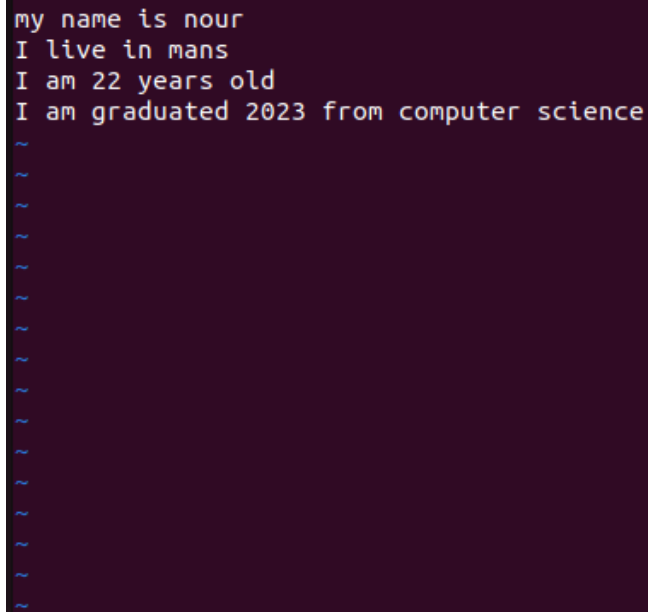1. Using vi write your CV in the file mycv. Your CV should include your name, age, school, college, experience,...

```
my name is nour
I live in mans
I am 22 years old
I am graduated 2023 from computer science
~
~
~
~
~
~
~
~
~
~
~
~
~
```

2. Open mycv file using vi command then: Without using arrows state how to:

a. Move the cursor down one line at time.

● j : down one line.

b. Move the cursor up one line at time.

● k: up one line

c. Search for word age

● / age forward for the age

/age (command)

d. Step to line 5 (assuming that you are in line 1 and file is more than 5 lines).

● 5G Goes to Line 5.

:5G

e. Delete the line you are on and line 5.

● n,nd Deletes Lines n through 5 .

:1,5d (command)

f. How to step to the end of line and change to writing mode in one-step.

Shift + A

3. List the available shells in your system.

```
nour@nour-virtual-machine:~$ cat /etc/shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/rbash
/usr/bin/sh
/bin/dash
/usr/bin/dash
nour@nour-virtual-machine:~$ ▯
```

4. List the environment variables in your current shell.

```
nour@nour-virtual-machine:~$ env
SHELL=/bin/bash
SESSION_MANAGER=local/nour-virtual-machine:@/tmp/.ICE-unix/1486,unix/nour-virtua
l-machine:/tmp/.ICE-unix/1486
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
SSH_AGENT_LAUNCHER=gnome-keyring
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
LC_ADDRESS=ar_EG.UTF-8
GNOME_SHELL_SESSION_MODE=ubuntu
LC_NAME=ar_EG.UTF-8
SSH_AUTH_SOCK=/run/user/1000/keyring/ssh
XMODIFIERS=@im=ibus
DESKTOP_SESSION=ubuntu
LC_MONETARY=ar_EG.UTF-8
GTK_MODULES=gail:atk-bridge
PWD=/home/nour
LOGNAME=nour
XDG_SESSION_DESKTOP=ubuntu
XDG_SESSION_TYPE=wayland
SYSTEMD_EXEC_PID=1509
XAUTHORITY=/run/user/1000/.mutter-Xwaylandauth.26YJD2
```

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

```
_ /usr/bin/env
nour@nour-virtual-machine:~$
nour@nour-virtual-machine:~$ echo /etc/bin /bash
/etc/bin /bash
nour@nour-virtual-machine:~$ env
SHELL=/bin/bash
SESSION_MANAGER=local/nour-virtual-machine:@/tmp/.ICE-unix/1486,unix/nour-virtua
l-machine:/tmp/.ICE-unix/1486
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
SSH_AGENT_LAUNCHER=gnome-keyring
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
LC_ADDRESS=ar_EG.UTF-8
```

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

```
nour@nour-virtual-machine:~$ echo

nour@nour-virtual-machine:~$ echo mycv
mycv
nour@nour-virtual-machine:~$ 
```

7. Display your current shell name.

```
nour@nour-virtual-machine:~$ echo $SHELL
/bin/bash
nour@nour-virtual-machine:~$
```

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

مش معانا

9. Edit in your profile to display date at login and change your prompt
permanently.

| nour@nour-virtual-machine: ~ | × | nour@nour-virtual-machine: ~ | × | ⌄ |

```
22 2023 ,أك  EEST 12:04:50 ص
hello worled , my name is nour
nour@nour-virtual-machine:~$
```

10.Execute the following command :

echo \ then press enter

```
nour@nour-virtual-machine:~$ echo \
>
```

What is the purpose of \ ?

Second prompet : make me continue in the same command

Notice the prompt "">" what is that? and how can you change it from ">" to ":"

Show me second prompet

```
nour@nour-virtual-machine:~$ PS2=:
nour@nour-virtual-machine:~$ echo\
:nour
```

. 11.Create a Bash shell alias named ls for the "ls –l" command

```
nour@nour-virtual-machine:~$ alias ls='ls-l'
nour@nour-virtual-machine:~$ ls
s-l: command not found
nour@nour-virtual-machine:~$
```

```
nour@nour-virtual-machine:~$ alias ls ="ls-l"
alias ls='ls --color=auto'
```