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

```
nader@nader-Latitude-E5530-vPro:~$ touch mycv
ader@nader-Latitude-E5530-vPro:~$ ls
                   file
                                               Templates
afult
        docs
                          myteam
                                     Pictures
afultO Documents Music
                          oldpasswd
                                     Public
                                               Videos
esktop Downloads
                  MYCV
                          passwd
nader@nader-Latitude-E5530-vPro:~$ vi mycv
ader@nader-Latitude-E5530-vPro:~$ vi mycv
nader@nader-Latitude-E5530-vPro:~$
```

```
my name is nader sayed ahmed
30 years
studied industrial engineering in modernacademy
my favourite sports football and basketball
i love programming and modern tech.
```

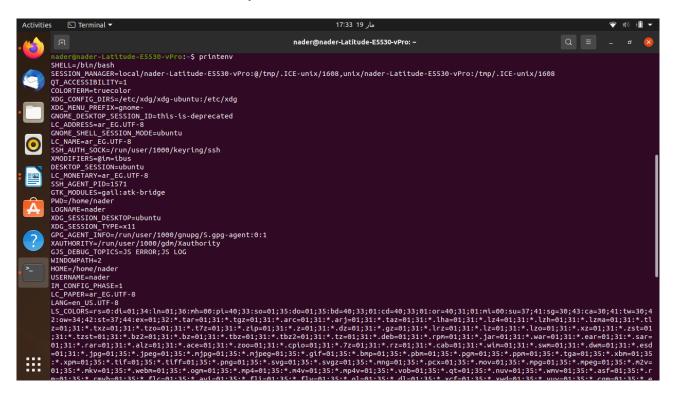
- 2. Open mycv file using vi command then: Without using arrows state how to:
- a. Move the cursor down one line at time. **press j button in commend mode**
- b. Move the cursor up one line at time. **press the k button in command mode**
- c. Search for word age /age then & enter
- d. Step to line 5 (assuming that you are in line 1 and file is more than 5 lines). Press 5 in command mode :5
- e. Delete the line you are on and line 5.

dd to delete the line number 5 that we are on it or 5d

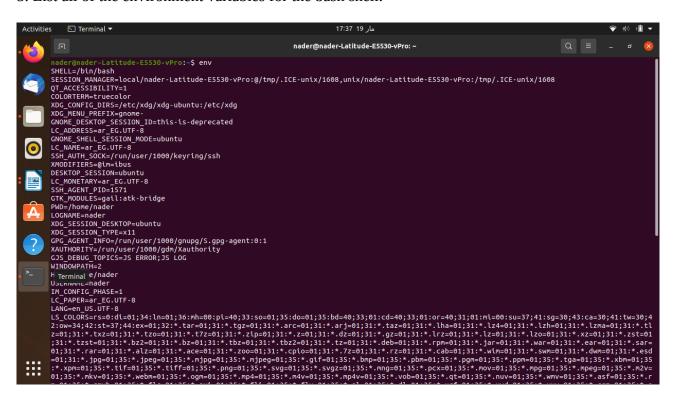
- f. How to step to the end of line and change to writing mode in one-step. :a
- 3. List the available shells in your system.

```
nader@nader-Latitude-E5530-vPro:~$ cat /etc/shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/rbash
/bin/dash
/usr/bin/dash
nader@nader-Latitude-E5530-vPro:~$
```

4. List the environment variables in your current shell.



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



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

```
nader@nader-Latitude-E5530-vPro:~$ echo $HOME /home/nader nader@nader-Latitude-E5530-vPro:~$
```

7. Display your current shell name.

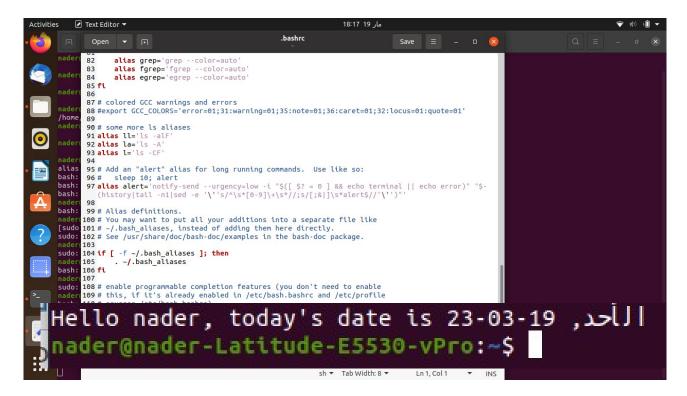
```
echo "$SHELL"
```

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

```
nader@nader-Latitude-E5530-vPro:~$ /etc/profile
bash: /etc/profile: Permission denied
nader@nader-Latitude-E5530-vPro:~$
```

~/.profile

~/.bash_profile ~/.bash_login 9. Edit in your profile to display date at login and change your prompt permanently.



Gedit ~/.-bashrc

10.Execute the following command:

echo \ then press enter

What is the purpose of $\?$

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

"\" is to use the essential command and ignore the alias

```
nader@nader-Latitude-E5530-vPro:~$ alias >=:
nader@nader-Latitude-E5530-vPro:~$
```

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

```
alias ls = 'ls - l'
```

```
nader@nader-Latitude-E5530-vPro:~$ alias ls = 'ls -l'
alias ls='ls --color=auto'
bash: alias: =: not found
bash: alias: 'ls: not found
bash: alias: -l': not found
nader@nader-Latitude-E5530-vPro:~$
```