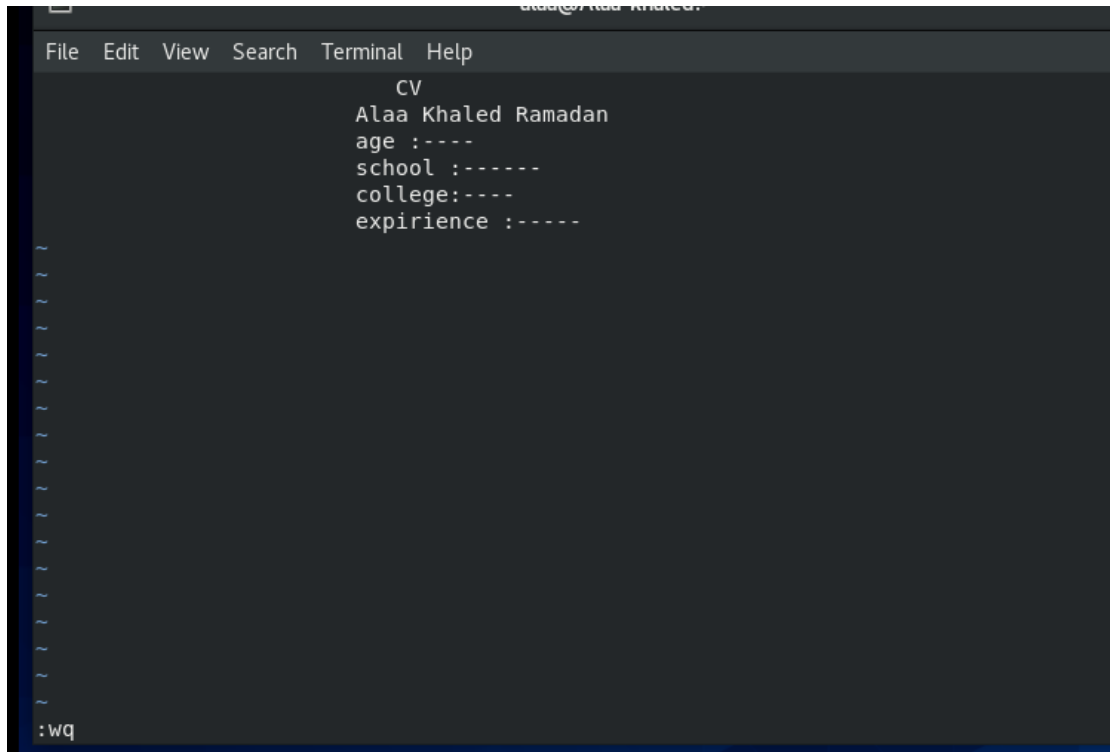Lab 3

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

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 j

.b. Move the cursor up one line at time k

c. Search for word age   :/age

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

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

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

I

3. List the available shells in your system

```
[alaa@Alaa-khaled ~]$ cat /etc/shells
/bin/sh
/bin/bash
/usr/bin/sh
/usr/bin/bash
[alaa@Alaa-khaled ~]$
```

4.List the environment variables in your current shell

```
[alaa@Alaa-khaled ~]$ printenv $HOME
[alaa@Alaa-khaled ~]$ printenv HOME
/home/alaa
[alaa@Alaa-khaled ~]$
```

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

```
[alaa@Alaa-khaled ~]$ printenv
LS_COLORS=rs=0:di=38;5;33:ln=38;5;51:mh=00:pi=40;38;5
232;38;5;11:cd=48;5;232;38;5;3:or=48;5;232;38;5;9:mi=
g=48;5;11;38;5;16:ca=48;5;196;38;5;226:tw=48;5;10;38;
1;38;5;15:ex=38;5;40:*.tar=38;5;9:*.tgz=38;5;9:*.arc=
*.lha=38;5;9:*.lz4=38;5;9:*.lzh=38;5;9:*.lzma=38;5;9:
8;5;9:* t7z=38;5;9;* zip=38;5;9;* z=38;5;9;* dz=38;5;
```

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

env, printenv, declare, or set

7. Display your current shell name

```
File   Edit   View   Search   Terminal   Help
[alaa@Alaa-khaled ~]$ echo $SHELL
/bin/bash
[alaa@Alaa-khaled ~]$
```

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

Sudo etc/profile

Etc/bashrc

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

gedit ~/.bashrc

```
# export SYSTEMD_PAGER=
# User specific aliases and functions
echo "Hello $USER, today's date is $(date +"%A, %d-%m-%y")
```

Ps1="IOT_AlAA :"

: 10.Execute the following command

echo \ then press enter

What is the purpose of \?

To Skip

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

": " Hold on to write and execute that

```
bash: /home/alaa/.bash_profile: Permis
[alaa@Alaa-khaled ~]$ echo \
> hello alaa
hello alaa
[alaa@Alaa-khaled ~]$
```

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

```
[alaa@Alaa-khaled ~]$ alias ll="ls -l"
[alaa@Alaa-khaled ~]$ ll myteam/
total 0
[alaa@Alaa khaled ~]$
```