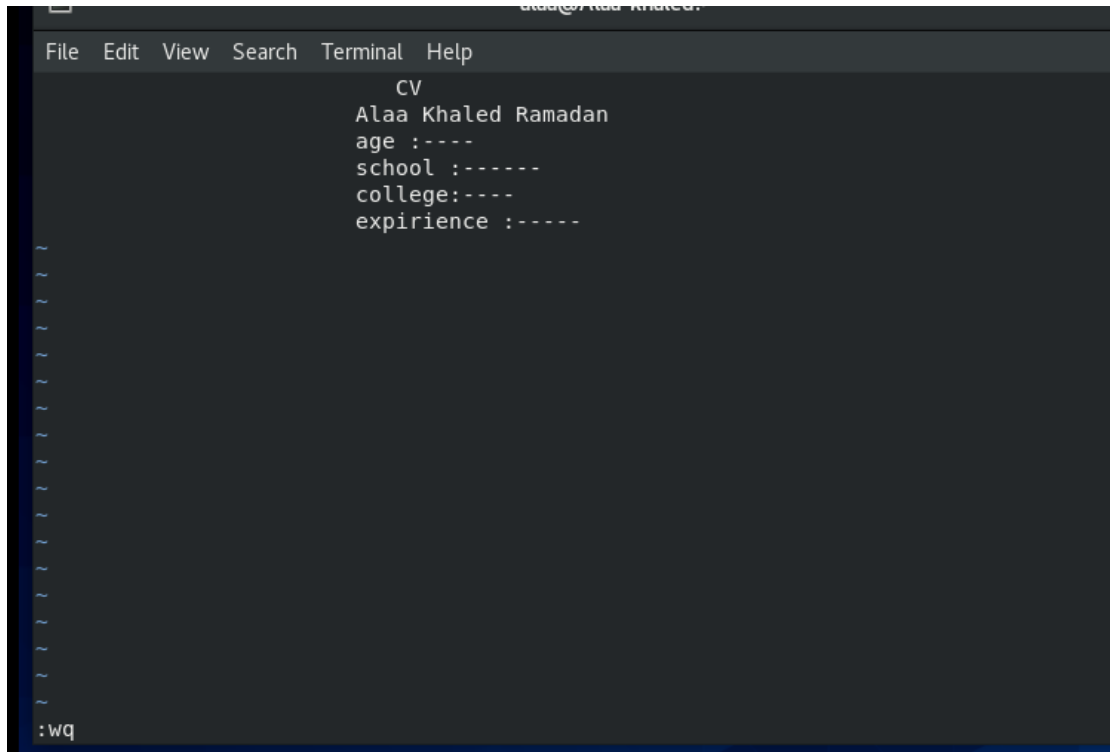


Lab 3

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

Vi mycv



```
CV
Alaa Khaled Ramadan
age :----
school :-----
college:----
experience :-----
```

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

|

3. List the available shells in your system

```
/home/Alaa
[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:*.*7z=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_AIAA :"

: 10. Execute the following command

echo \ then press enter

What is the purpose of \?

Privet created Alias

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

Can change it is default by using Alias

```
bash: /home/alea/.bash_profile: Permission denied  
[alea@Alaa-khaled ~]$ echo \  
> hello alea  
hello alea  
[alea@Alaa-khaled ~]$
```

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

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