

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

```
name : mahmoud hassan amin ibrahem
age : 26 years old
school : abas helmy
college : agriculture engineering
experiance : working as maintenance engineer for 2 months.
```

-- INSERT --

- Open mycv file using vi command then: Without using arrows state how to:
 - a. Move the cursor down one line at time.
 - press -> esc to enter in command mode
 - press -> j to down one line
 - b. Move the cursor up one line at time.
 - press -> esc to enter in command mode
 - press -> k to down one line
 - c. Search for word age
 - in command mode
 - press -> :/ age

```
name : mahmoud hassan amin ibrahem
age : 26 years old
school : abas helmy
college : agriculture engineering
experiance : working as maintenance engi
```

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

press -> :5

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

press -> dd

press -> :5d

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

press -> A

- List the available shells in your system.

```
[Eng.mahmoud@localhost docs]$ cat /etc/shells
/bin/sh
/bin/bash
/usr/bin/sh
/usr/bin/bash
```

- List the environment variables in your current shell.

write -> env

```
[Eng.mahmoud@localhost docs]$ env
LS_COLORS=rs=0:di=38;5;33:ln=38;5;51
;232;38;5;3:or=48;5;232;38;5;9:mi=01
:tw=48;5;10;38;5;16:ow=48;5;10;38;5;
;9:*.arj=38;5;9:*.taz=38;5;9:*.lha=3
;9:*.tzo=38;5;9:*.t7z=38;5;9:*.zip=3
zo=38;5;9:*.xz=38;5;9:*.zst=38;5;9:*.
=38;5;9:*.deb=38;5;9:*.rpm=38;5;9:*.
38;5;9:*.ace=38;5;9:*.zoo=38;5;9:*.c
;5;9:*.dwm=38;5;9:*.esd=38;5;9:*.jpg
*.bmp=38;5;13:*.pbm=38;5;13:*.pgm=38
8;5;13:*.tiff=38;5;13:*.png=38;5;13:
3:*.mpg=38;5;13:*.mpeg=38;5;13:*.m2v
4v=38;5;13:*.mp4v=38;5;13:*.vob=38;5
```

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

switch to bash shell write-> bash

press -> printenv

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

write -> printenv var_name (USERNAME for example)

- Display your current shell name.

```
[Eng.mahmoud@localhost ~]$ echo $SHELL  
/bin/bash
```

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

write -> `sudo vi /etc/profile`

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

open -> `sudo vi /etc/profile`

write -> `date`

open -> `sudo vi .bashrc`

write -> `PS1="new_prompt_string"`

- Execute the following command :

- `echo \` then press enter

What is the purpose of \ ?

\ -> to continue writing the echo statement in new line

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

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

open -> `sudo vi .bashrc`

write -> alias ls = "ls -l"