Hoda Magdy Mahmoud Elsayed

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

```
name:Hoda Magdy
age:22
school:samy elbaroudy
collage:specific education
experience:php developer
~
~
~
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~
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~
~
~
:wq
```

```
hoda@hoda-virtual-machine:~$ vi mycv
hoda@hoda-virtual-machine:~$ 
```

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)

b. Move the cursor up one line at time.

Press (k)

c. Search for word age

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

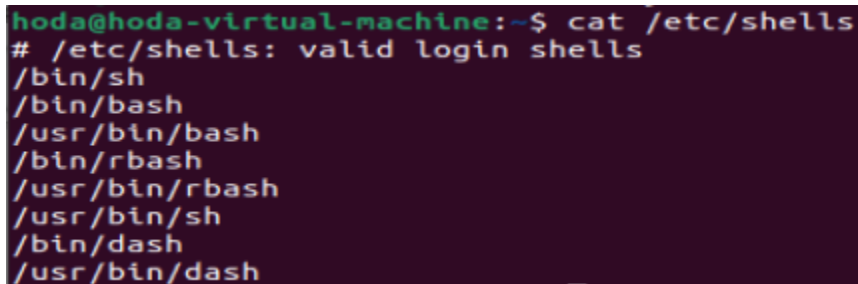## e. Delete the line you are on and line 5.

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.

```
hoda@hoda-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
```

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?

7. Display your current shell name.

echo $SHELL

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

sh: /etc/profile

ksh: /etc/profile , ~/.kshrc

bash: /etc/profile, ~/.bash_profile, ~/.bashrc

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

```
hoda@hoda-virtual-machine:~$ PS1="HODA>"
HODA>
```

```
ص EET 11:59:13 تس, 2023 17
hoda@hoda-virtual-machine:~$ ▮
```

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 ":".

The purpose of \ is to escape the newline character, allowing you to continue the command on the next line.

prompt ">" PS2=":"

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

```
م EET 12:09:58 تس, 2023 17
hoda@hoda-virtual-machine:~$ alias ls="ls -l"
hoda@hoda-virtual-machine:~$ ls
total 80
drwxr-xr-x 2 hoda hoda 4096 06:57 11 تس  Desktop
drwxrwxr-x 2 hoda hoda 4096 10:15 11 تس  dir1
drw--wx--x 2 hoda hoda 4096 07:09 17 تس  dirtest
d--------- 2 hoda hoda 4096 07:21 17 تس  dirv
drwxr-xr-x 2 hoda hoda 4096 06:57 11 تس  Documents
drwxr-xr-x 2 hoda hoda 4096 06:57 11 تس  Downloads
--w--w--w- 1 hoda hoda    0 08:22 17 تس  file
--w--w--w- 1 hoda hoda    0 08:24 17 تس  file1
-rw--w---- 1 hoda hoda    0 07:09 17 تس  filetest
--------- 1 hoda hoda    0 07:21 17 تس  filev
drwxr-xr-x 2 hoda hoda 4096 06:57 11 تس  Music
-rw-rw-r-- 1 hoda hoda   97 11:01 17 تس  mycv
dr-x------ 2 hoda hoda 4096 06:09 17 تس  myteam
--w------- 1 hoda hoda    1 08:23 17 تس  nano.6982.save
-rw--wx--x 1 hoda hoda    0 06:47 17 تس  oldpasswd
d--------- 2 hoda hoda 4096 07:50 17 تس  pdir
drwxr-xr-x 2 hoda hoda 4096 06:57 11 تس  Pictures
drwxr-xr-x 2 hoda hoda 4096 06:57 11 تس  Public
d-wx------ 3 hoda hoda 4096 07:49 17 تس  sdir
drwx------ 3 hoda hoda 4096 06:58 11 تس  snap
```