

- 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

[illegible]

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

[illegible]

- :5d

- A

```
maria@maria-Latitude-E6430:~$ 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
/usr/bin/sh
```

4. List the environment variables in your current shell.

```
mariam@mariam-Latitude-E6430:~$ printenv
SHELL=/bin/bash
SESSION_MANAGER=local/mariam-Latitude-E6430:@/tmp/.ICE-unix/2145,unix/mariam-Latitude-E6430:/tmp/.ICE-unix/2145
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
SSH_AGENT_LAUNCHER=openssh
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
LC_ADDRESS=ar_EG.UTF-8
GNOME_SHELL_SESSION_MODE=ubuntu
LC_NAME=ar_EG.UTF-8
SSH_AUTH_SOCK=/run/user/1000/keyring/ssh
XMODIFIERS=@im=ibus
DESKTOP_SESSION=ubuntu
LC_MONETARY=ar_EG.UTF-8
GTK_MODULES=gail:atk-bridge
PWD=/home/mariam
LOGNAME=mariam
XDG_SESSION_DESKTOP=ubuntu
XDG_SESSION_TYPE=x11
GPG_AGENT_INFO=/run/user/1000/gnupg/S.gpg-agent:0:1
SYSTEMD_EXEC_PID=2166
```

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

man bash

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

Printenv VARIABLE

or echo \$VARIABLE

7. Display your current shell name.

```
mariam@mariam-Latitude-E6430:~$ echo $SHELL
/bin/bash
```

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

Sh => shell, /etc/bashrc

bash=>bourne again shell, etc/bashrc

ksh=>korn shell, etc/.kshrc

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

```
fi
fi
date
PS1="mariam zayed:"
~
```

```
mariam@mariam-Latitude-E6430:~$  
mariam@mariam-Latitude-E6430:~$ su mariam  
Password:  
30 2022 م، 09:23:58 EET  
mariam zayed:
```

10. Execute the following command :

`echo \` then press enter

What is the purpose of \ ?

Waits to write a thing to echo it

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

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

```
mariam zayed:alias ls="ls -L"  
mariam zayed:ls  
Desktop    file1      greeting.sh mycd.sh    mydir      Public     snap  
Documents  file1.txt  hell        mycp.sh    passwd     s1.sh      Templates  
Downloads  file2.txt  Music       mycv.txt   Pictures   s2.sh      Videos  
mariam zayed:
```