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

```
my name is abrar kotb
im 22years old
graduated from faculty of arts cu2022

dw
formar operation magamger at careerkeepers
```

2.a)Move the cursor down one line at time.
- char (J) for

2.b)Move the cursor up one line at time
-char (K) for up one line

2.c)Search for word age
- /age

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

2.e)Delete the line you are on and line 5.
- dd ,5d

2.f)How to step to the end of line and change to writing mode in one
- char(A)

3)List the available shells in your system

```
abrar@abrar-Inspiron-N4050:~$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
abrar@abrar-Inspiron-N4050:~$
```

4)List the environment variables in your current shell

```
abrar@abrar-Inspiron-N4050:~$ env
SHELL=/bin/bash
SESSION_MANAGER=local/abrar-Inspiron-N4050:@/tmp/.ICE-unix/1614,unix/abrar-Inspiron-N4050:/tmp/.ICE-unix/1614
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
SSH_AGENT_LAUNCHER=gnome-keyring
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/abrar
LOGNAME=abrar
XDG_SESSION_DESKTOP=ubuntu
XDG_SESSION_TYPE=wayland
 Terminal XEC_PID=1635
XAUTHORITY=/run/user/1000/.mutter-Xwaylandauth.P2P911
HOME=/home/abrar
USERNAME=abrar
IM_CONFIG_PHASE=1
LC_PAPER=ar_EG.UTF-8
LANG=en_US.UTF-8
LS_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;4
2:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.tl
z=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01
;31:*.tzst=01;31:*.bz2=01;31:*.bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31:*.ear=01;31:*.sar=
01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;31:*.rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd
```

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

```
abrar@abrar-Inspiron-N4050:~$ man bash
abrar@abrar-Inspiron-N4050:~$
```

```
Shell Variables
    The following variables are set by the shell:

    _        At shell startup, set to the pathname used to invoke the shell or shell script being executed as passed in  the  environment
             or argument list.  Subsequently, expands to the last argument to the previous simple command executed in the foreground, af-
             ter expansion.  Also set to the full pathname used to invoke each command executed and placed in the environment exported to
             that command.  When checking mail, this parameter holds the name of the mail file currently being checked.
    BASH     Expands to the full filename used to invoke this instance of bash.
    BASHOPTS
             A  colon-separated  list of enabled shell options.  Each word in the list is a valid argument for the -s option to the shopt
             builtin command (see SHELL BUILTIN COMMANDS below).  The options appearing in BASHOPTS are those reported as  on  by  shopt.
             If this variable is in the environment when bash starts up, each shell option in the list will be enabled before reading any
             startup files.  This variable is read-only.
    BASHPID
             Expands to the process ID of the current bash process.  This differs from $$ under certain circumstances, such as  subshells
             that  do  not  require bash to be re-initialized.  Assignments to BASHPID have no effect.  If BASHPID is unset, it loses its
             special properties, even if it is subsequently reset.
    BASH_ALIASES
             An associative array variable whose members correspond to the internal list of aliases as maintained by the  alias  builtin.
             Elements added to this array appear in the alias list; however, unsetting array elements currently does not cause aliases to
             be removed from the alias list.  If BASH_ALIASES is unset, it loses its special properties, even if it is  subsequently  re-
             set.
    BASH_ARGC
             An  array  variable  whose  values are the number of parameters in each frame of the current bash execution call stack.  The
             number of parameters to the current subroutine (shell function or script executed with . or source) is at  the  top  of  the
             stack.   When  a subroutine is executed, the number of parameters passed is pushed onto BASH_ARGC.  The shell sets BASH_ARGC
             only when in extended debugging mode (see the description of the extdebug option  to  the  shopt  builtin  below).   Setting
             extdebug  after the shell has started to execute a script, or referencing this variable when extdebug is not set, may result
             in inconsistent values.
    BASH_ARGV
             An array variable containing all of the parameters in the current bash execution call stack.  The  final  parameter  of  the
             last  subroutine  call is at the top of the stack; the first parameter of the initial call is at the bottom.  When a subrou-
             tine is executed, the parameters supplied are pushed onto BASH_ARGV.  The shell sets BASH_ARGV only when in extended  debug-
             ging  mode  (see  the  description of the extdebug option to the shopt builtin below).  Setting extdebug after the shell has
Manual page bash(1) line 525 (press h for help or q to quit)
```

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

```
abrar@abrar-Inspiron-N4050:~$ echo $PWD
/home/abrar
```

7)Display your current shell name.

```
abrar@abrar-Inspiron-N4050:~$ echo $SHELL
/bin/bash
```

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

```
abrar@abrar-Inspiron-N4050:~$ /.bash_profile
bash: /.bash_profile: No such file or directory
abrar@abrar-Inspiron-N4050:~$ ~/.bashrc
bash: /home/abrar/.bashrc: Permission denied
```

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

```
119
120 echo "Hello $USER, today's date is $(date +"%A, %d-%m-%y")"
121
```

```
Hello abrar, today's date is 23-03-19 ,الأحد
abrar@abrar-Inspiron-N4050:~$
```

10)Execute the following command :

```
abrar@abrar-Inspiron-N4050:~$ echo \
> hello abrar
hello abrar
abrar@abrar-Inspiron-N4050:~$
```

-the (/) hold the echo.

```
abrar@abrar-Inspiron-N4050:~$ export PS1=";"
;
```

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

```
abrar@abrar-Inspiron-N4050:~$ alias ls="ls -l"
abrar@abrar-Inspiron-N4050:~$ ls
total 56
drwxrwxr-x 2 abrar abrar 4096 14:30 18 مارس abrar
-r--r--r-- 1 abrar abrar    0 16:27 18 مارس abrarnew
-rw-rw-r-- 1 abrar abrar    0 13:47 19 مارس cv
drwxr-xr-x 2 abrar abrar 4096 01:25 18 مارس Desktop
drwxrwxrwx 2 abrar abrar 4096 15:49 18 مارس dires
drwxr-xr-x 2 abrar abrar 4096 16:38 19 مارس Documents
drwxr-xr-x 2 abrar abrar 4096 18:01 19 مارس Downloads
-rw-rw-rw- 1 abrar abrar    0 15:49 18 مارس files
-rw-rw-r-- 1 abrar abrar  325 16:34 19 مارس mucv
drwxr-xr-x 2 abrar abrar 4096 01:25 18 مارس Music
-rw-rw-r-- 1 abrar abrar  156 17:00 19 مارس mycv
dr-------- 2 abrar abrar 4096 14:34 18 مارس myteam
--wxrw---x 1 abrar abrar    0 15:14 18 مارس oldpasswd
drwxr-xr-x 3 abrar abrar 4096 14:44 18 مارس Pictures
drwxr-xr-x 2 abrar abrar 4096 01:25 18 مارس Public
drwx------ 4 abrar abrar 4096 15:18 18 مارس snap
drwxr-xr-x 2 abrar abrar 4096 01:25 18 مارس Templates
drwxr-xr-x 2 abrar abrar 4096 01:25 18 مارس Videos
abrar@abrar-Inspiron-N4050:~$
```