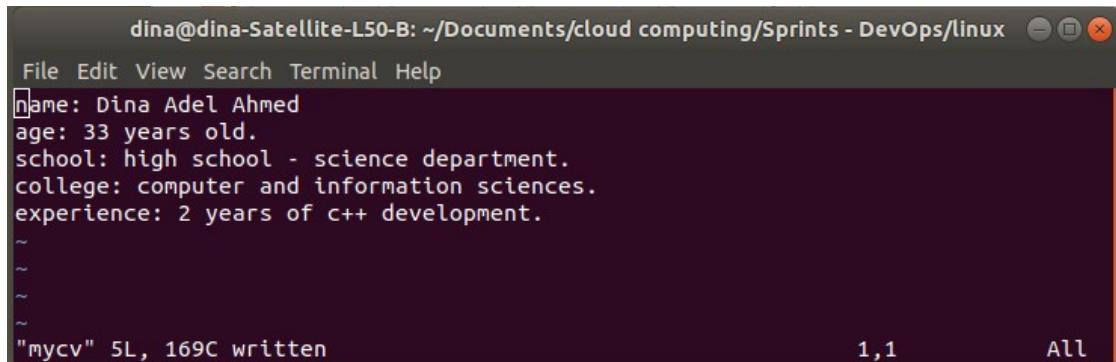


1. Using vi write your CV in the file mycv. Your CV should include your name, age, school, college, experience,...



dina@dina-Satellite-L50-B: ~/Documents/cloud computing/Sprints - DevOps/linux

```
File Edit View Search Terminal Help
name: Dina Adel Ahmed
age: 33 years old.
school: high school - science department.
college: computer and information sciences.
experience: 2 years of c++ development.
~
~
~
~
"mycv" 5L, 169C written          1,1          All
```

2. Open mycv file using vi command then: Without using arrows state how to:

a. Move the cursor down one line at time.

Insert mode: Press and hold Alt + j

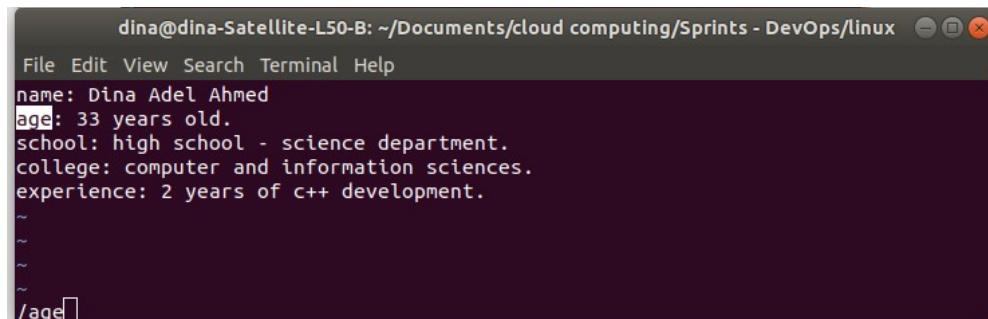
Command mode: j

b. Move the cursor up one line at time.

Insert mode: Press and hold Alt + k

Command mode: k

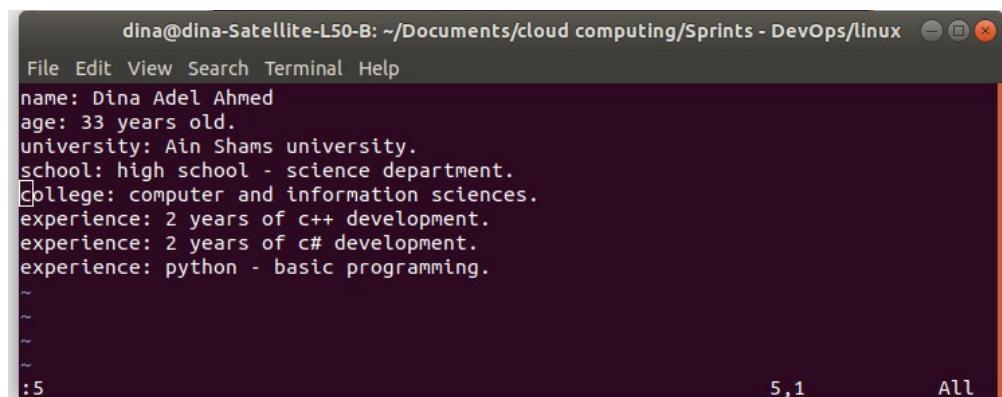
c. Search for word age



dina@dina-Satellite-L50-B: ~/Documents/cloud computing/Sprints - DevOps/linux

```
File Edit View Search Terminal Help
name: Dina Adel Ahmed
age: 33 years old.
school: high school - science department.
college: computer and information sciences.
experience: 2 years of c++ development.
~
~
~
~
/age
```

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

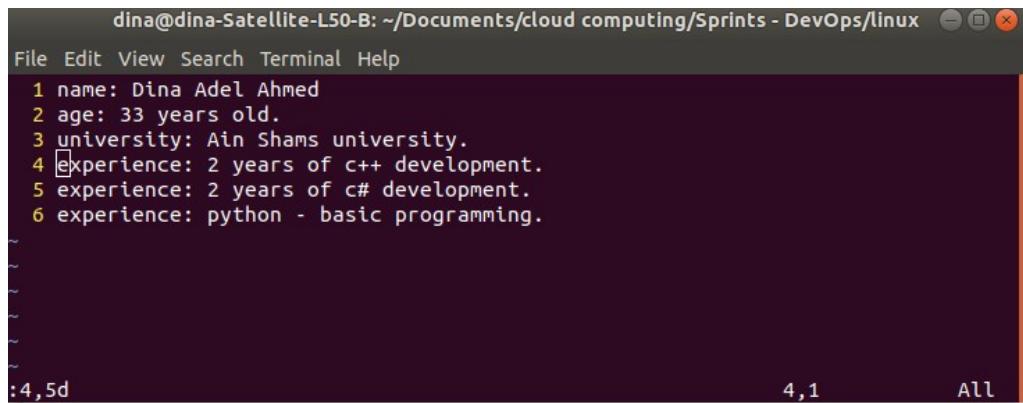


dina@dina-Satellite-L50-B: ~/Documents/cloud computing/Sprints - DevOps/linux

```
File Edit View Search Terminal Help
name: Dina Adel Ahmed
age: 33 years old.
university: Ain Shams university.
school: high school - science department.
college: computer and information sciences.
experience: 2 years of c++ development.
experience: 2 years of c# development.
experience: python - basic programming.
~
~
~
~
:5          5,1          All
```

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

I only know how to delete consecutive lines.



```
dina@dina-Satellite-L50-B: ~/Documents/cloud computing/Sprints - DevOps/linux
```

```
File Edit View Search Terminal Help
```

```
1 name: Dina Adel Ahmed
2 age: 33 years old.
3 university: Ain Shams university.
4 experience: 2 years of c++ development.
5 experience: 2 years of c# development.
6 experience: python - basic programming.
```

```
~
```

```
~
```

```
~
```

```
~
```

```
~
```

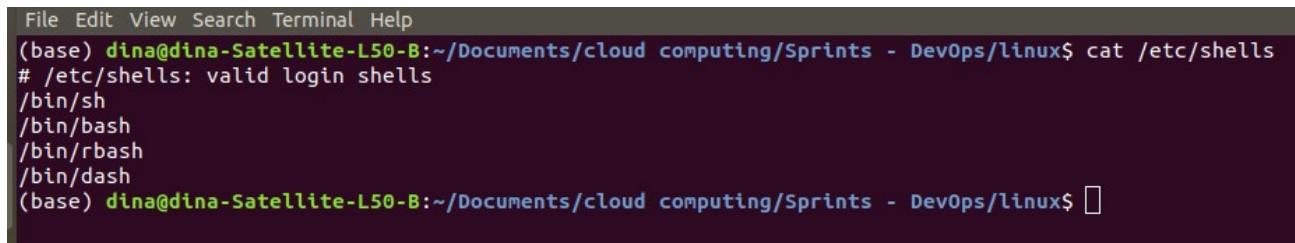
```
:4,5d          4,1          All
```

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

Shift + A

3. List the available shells in your system.

```
cat /etc/shells
```



```
File Edit View Search Terminal Help
```

```
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/linux$ cat /etc/shells
```

```
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/bin/rbash
/bin/dash
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/linux$
```

4. List the environment variables in your current shell.

```
printenv
```

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

```
printenv
```

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

echo \$variable or printenv variable (if it is environment variable).

7. Display your current shell name.

```
printenv SHELL
```

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

There are two types of initialization files for the bash shell:

- System-wide config files (Global to all users):
 - Usually in /etc/profiles or /etc/bashrc or /etc/bash.bashrc

- User specific startup files (Affects user only):
 - Usually in `~/.bashrc` or `~/.bash_profile`

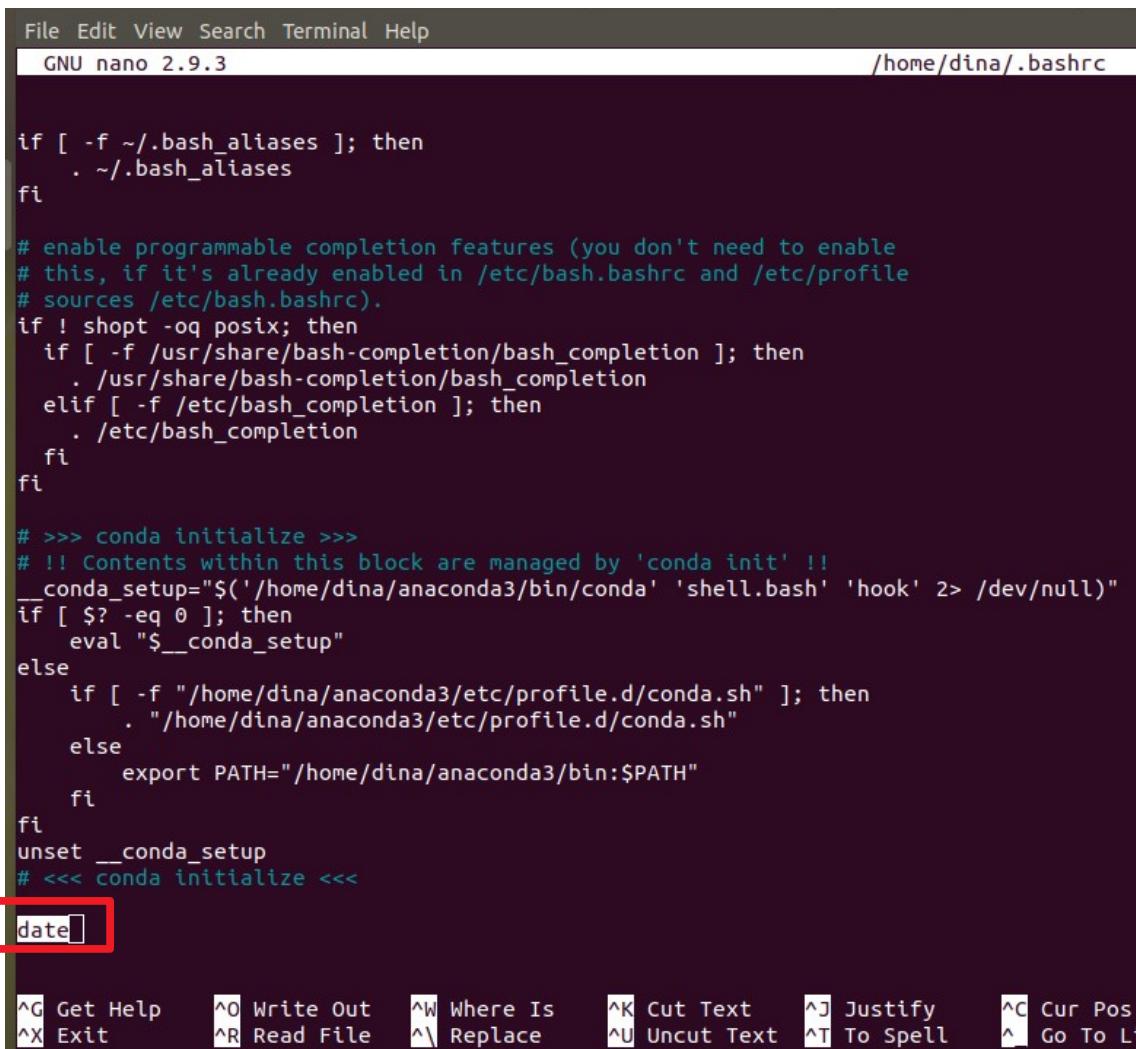
KSH: `/etc/profile` - `.profile` - `$ENV`

SH: `/etc/profile` - `.profile`

Source: lecture 3 - <https://kb.iu.edu/d/abdy>

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

To add any permanent changes to my shell, I will add it to the file `/home/dina/.bashrc`



```

File Edit View Search Terminal Help
GNU nano 2.9.3                               /home/dina/.bashrc

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

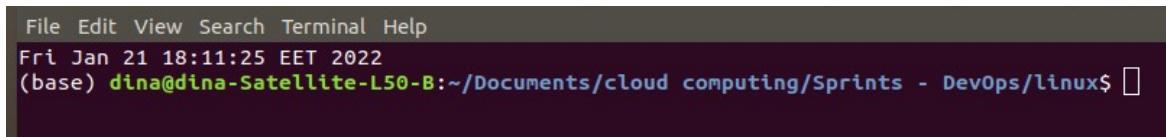
# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi

# >>> conda initialize >>
# !!! Contents within this block are managed by 'conda init' !!!
__conda_setup="$('/home/dina/anaconda3/bin/conda' 'shell.bash' 'hook' 2> /dev/null)"
if [ $? -eq 0 ]; then
    eval "$__conda_setup"
else
    if [ -f "/home/dina/anaconda3/etc/profile.d/conda.sh" ]; then
        . "/home/dina/anaconda3/etc/profile.d/conda.sh"
    else
        export PATH="/home/dina/anaconda3/bin:$PATH"
    fi
fi
unset __conda_setup
# <<< conda initialize <<<

date

```

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
 ^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell ^_ Go To Li



```

File Edit View Search Terminal Help
Fri Jan 21 18:11:25 EET 2022
(base) dina@dina-Satellite-L50-B:~/Documents/cloud computing/Sprints - DevOps/linux$ 

```

10. Create a Bash shell alias named ls for the “ls -l” command.

`alias ls="ls -l"`