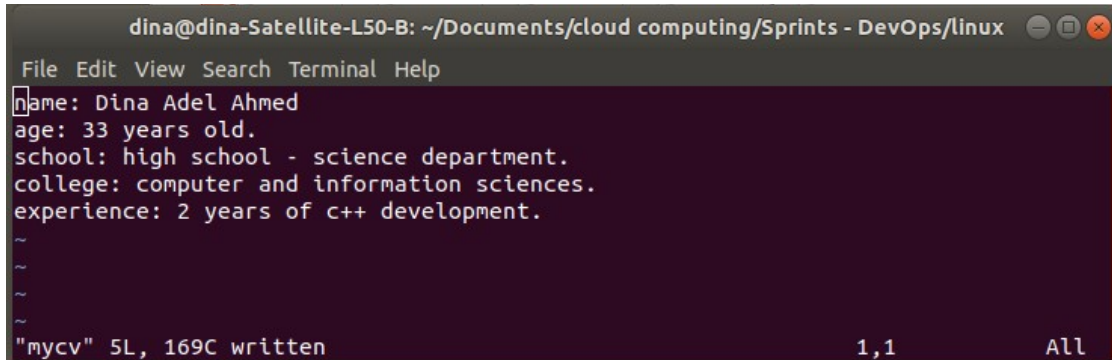


1. Using vi write your CV in the file mycv. Your CV should include your name, age, school, college, experience,...



```
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

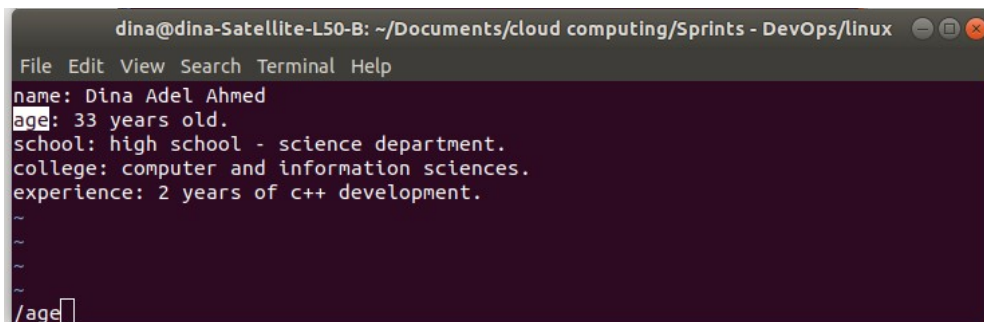
Command mode: j

b. Move the cursor up one line at time.

Insert mode: Press and hold Alt + k

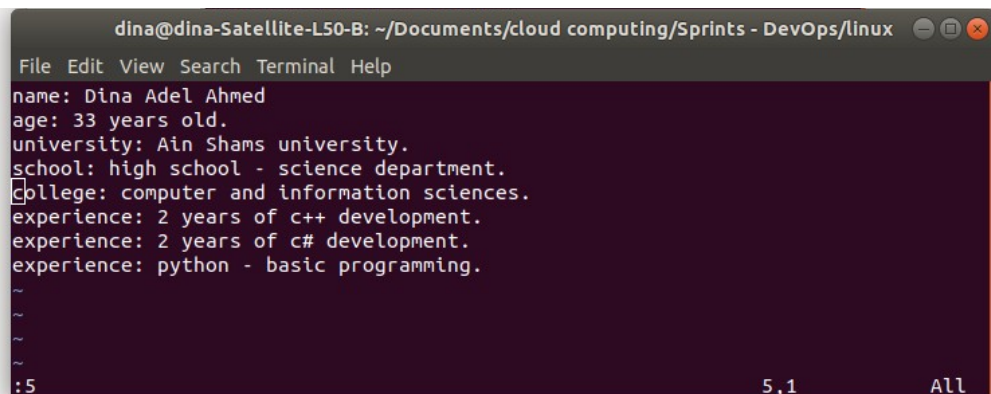
Command mode: k

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 1,1 All
```

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.

[illegible]

**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"
```