

**20MCA136-NETWORKING &
ADMINISTRATION LAB**

EXPERIMENT

Ubuntu Basic Commands

SUBMITTED BY,

VIVIN V. ABRAHAM

R MCA-2020-S2

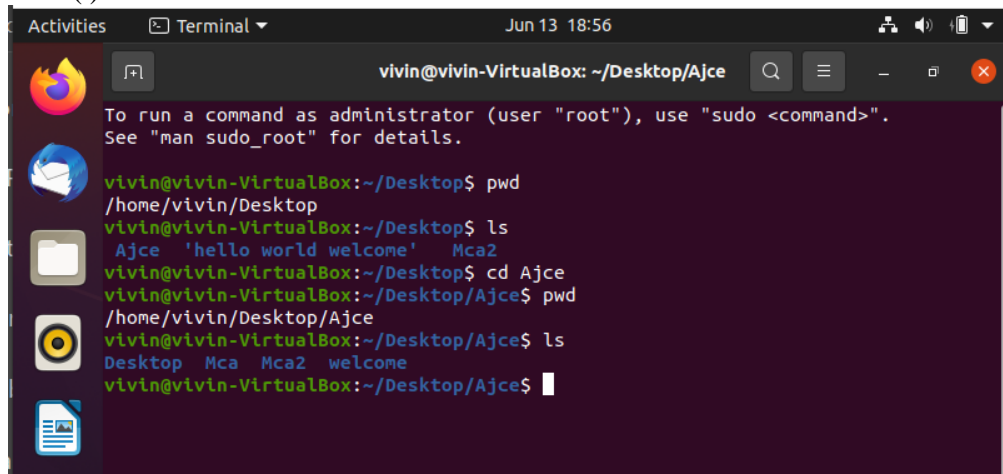
ROLL NO : 42

SUBMITTED TO,

MEERA MISS

1. pwd (Print Working Directory)

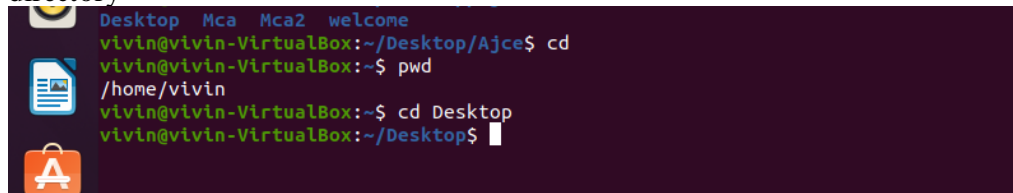
- Used to find out the path of the current working directory
- **Absolute path** which is basically a path of all the directories that start with a forward slash(/)

A terminal window titled 'vivin@vivin-VirtualBox: ~/Desktop/Ajce' showing a series of commands and their outputs. The user starts in the Desktop directory, runs 'pwd' to get '/home/vivin/Desktop', then 'ls' to see files 'Ajce', 'hello world welcome', and 'Mca2'. They then run 'cd Ajce' to move into the 'Ajce' subdirectory, run 'pwd' to get '/home/vivin/Desktop/Ajce', and finally 'ls' to see files 'Desktop', 'Mca', 'Mca2', and 'welcome'.

```
vivin@vivin-VirtualBox: ~/Desktop/Ajce
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vivin@vivin-VirtualBox:~/Desktop$ pwd
/home/vivin/Desktop
vivin@vivin-VirtualBox:~/Desktop$ ls
Ajce  'hello world welcome'  Mca2
vivin@vivin-VirtualBox:~/Desktop$ cd Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ pwd
/home/vivin/Desktop/Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ ls
Desktop  Mca  Mca2  welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce$
```

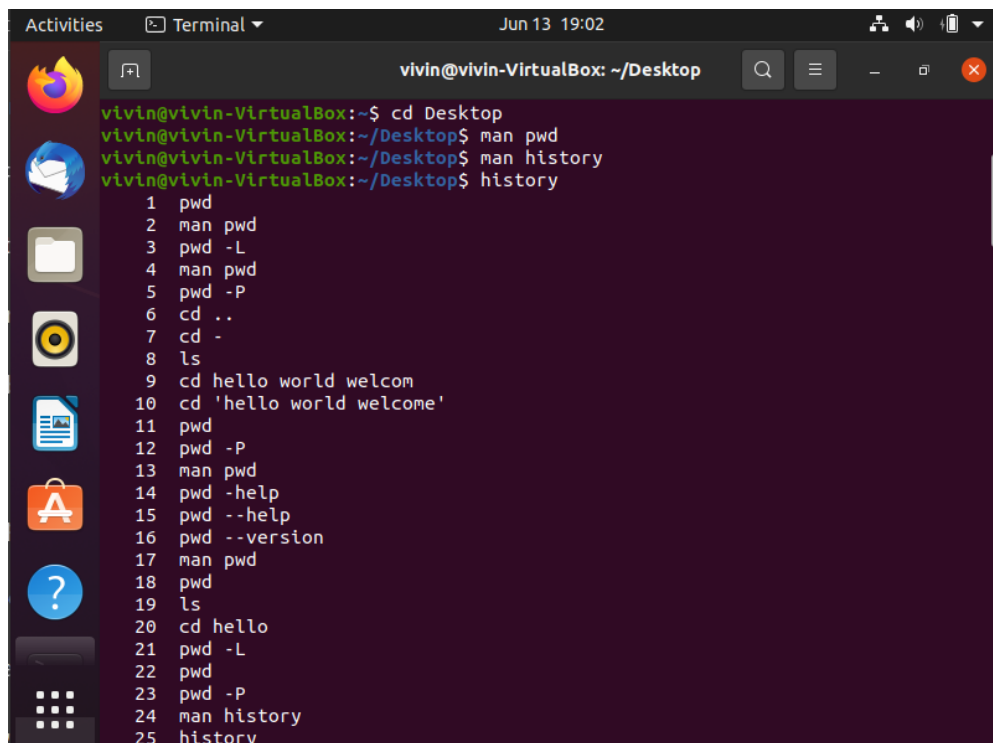
- **Relative path** defined as the path related to the present working directory from root directory

A terminal window titled 'vivin@vivin-VirtualBox: ~/Desktop/Ajce' showing navigation between directories. The user runs 'cd' to move to the parent directory, then 'pwd' to get '/home/vivin'. They then run 'cd Desktop' to move back to the Desktop directory, and 'pwd' to get '/home/vivin/Desktop'.

```
vivin@vivin-VirtualBox:~/Desktop/Ajce$ cd
vivin@vivin-VirtualBox:~$ pwd
/home/vivin
vivin@vivin-VirtualBox:~$ cd Desktop
vivin@vivin-VirtualBox:~/Desktop$
```

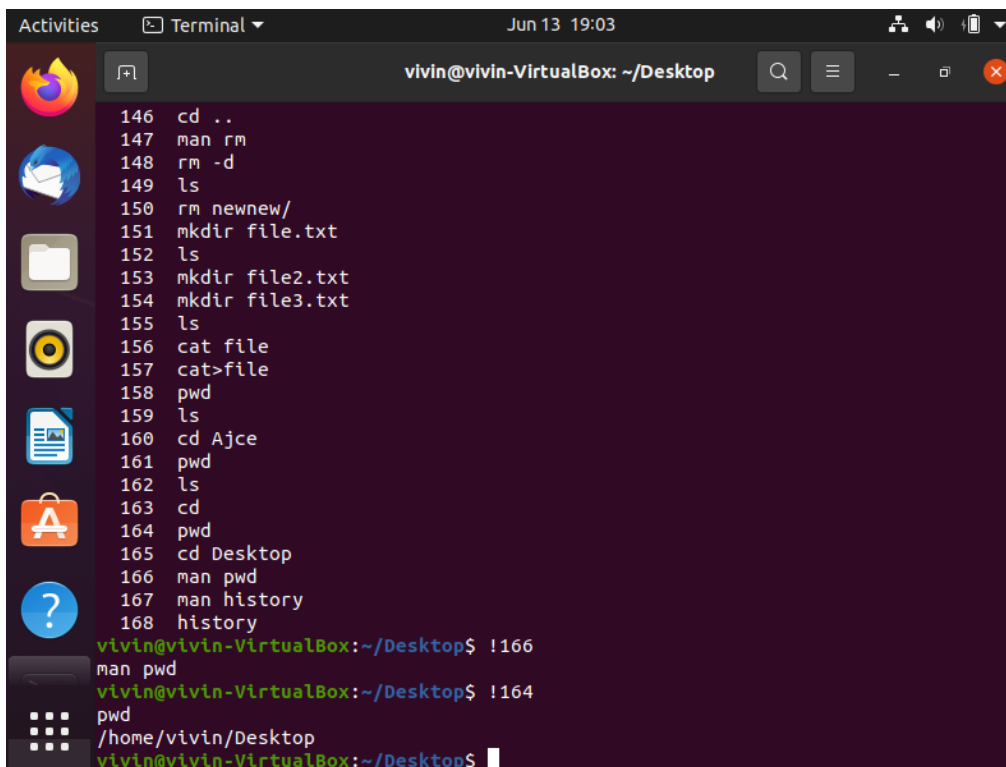
2. history

- To review the commands you have entered before.

A terminal window titled 'vivin@vivin-VirtualBox: ~/Desktop' showing the output of the 'history' command. It lists 25 previously entered commands, including 'cd Desktop', 'man pwd', 'man history', and various 'pwd' and 'cd' commands with different options and paths.

```
vivin@vivin-VirtualBox:~/Desktop$ history
1  pwd
2  man pwd
3  pwd -L
4  man pwd
5  pwd -P
6  cd ..
7  cd -
8  ls
9  cd hello world welcom
10 cd 'hello world welcome'
11 pwd
12 pwd -P
13 man pwd
14 pwd -help
15 pwd --help
16 pwd --version
17 man pwd
18 pwd
19 ls
20 cd hello
21 pwd -L
22 pwd
23 pwd -P
24 man history
25 history
```

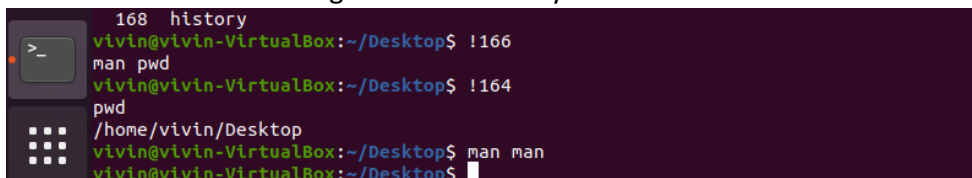
-!number to run that command



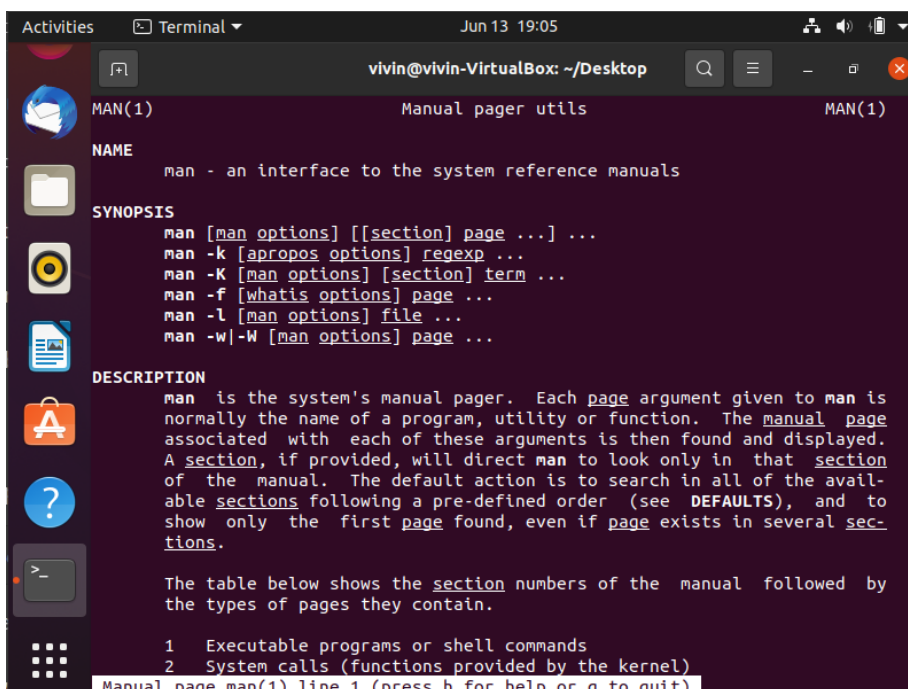
```
Activities Terminal Jun 13 19:03
vivin@vivin-VirtualBox: ~/Desktop
146 cd ..
147 man rm
148 rm -d
149 ls
150 rm newnew/
151 mkdir file.txt
152 ls
153 mkdir file2.txt
154 mkdir file3.txt
155 ls
156 cat file
157 cat>file
158 pwd
159 ls
160 cd Ajce
161 pwd
162 ls
163 cd
164 pwd
165 cd Desktop
166 man pwd
167 man history
168 history
vivin@vivin-VirtualBox:~/Desktop$ !166
man pwd
vivin@vivin-VirtualBox:~/Desktop$ !164
pwd
/home/vivin/Desktop
vivin@vivin-VirtualBox:~/Desktop$
```

3. man

- shows the manual instruction of the tail command.
- man man to start learning about man utility.



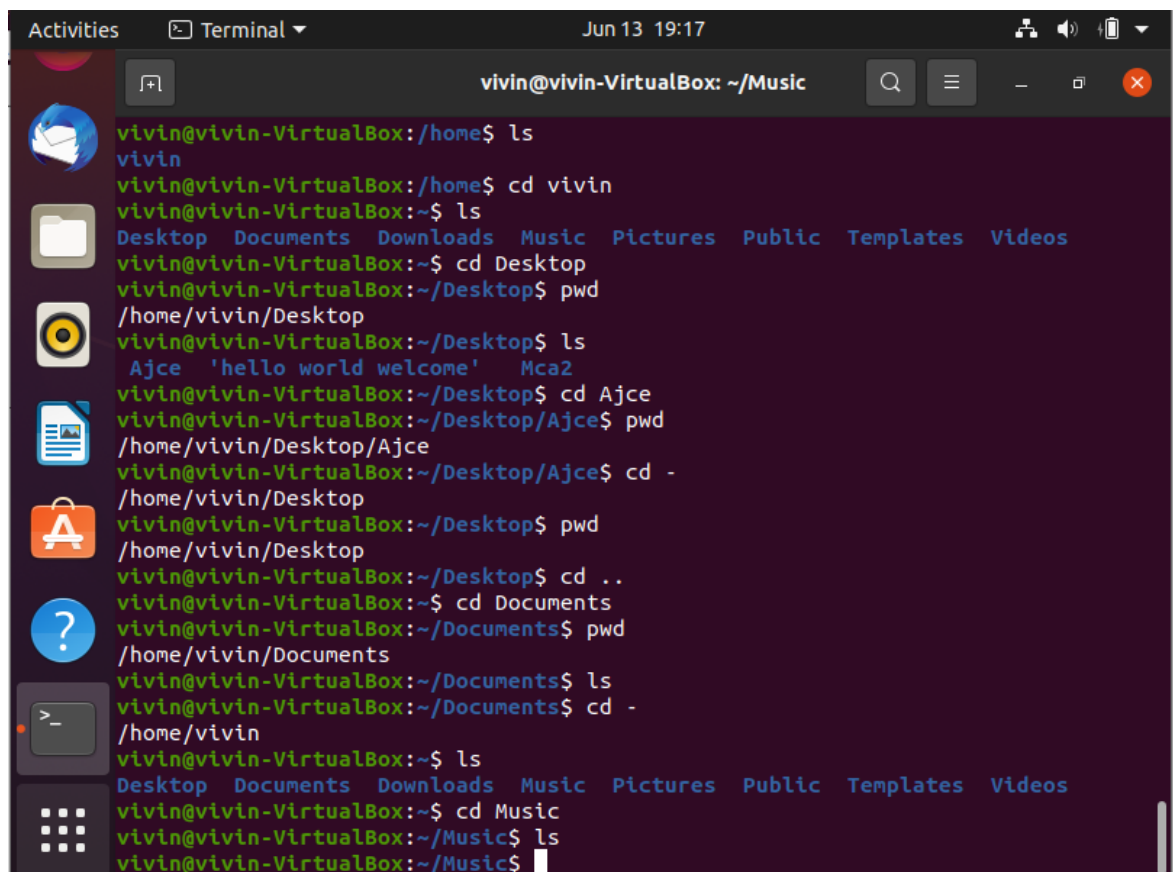
```
168 history
vivin@vivin-VirtualBox:~/Desktop$ !166
man pwd
vivin@vivin-VirtualBox:~/Desktop$ !164
pwd
/home/vivin/Desktop
vivin@vivin-VirtualBox:~/Desktop$ man man
vivin@vivin-VirtualBox:~/Desktop$
```



```
Activities Terminal Jun 13 19:05
vivin@vivin-VirtualBox: ~/Desktop
MAN(1) Manual pager utils MAN(1)
NAME
man - an interface to the system reference manuals
SYNOPSIS
man [man options] [section] page ...
man -k [apropos options] regexp ...
man -K [man options] [section] term ...
man -f [whatis options] page ...
man -l [man options] file ...
man -w|-W [man options] page ...
DESCRIPTION
man is the system's manual pager. Each page argument given to man is normally the name of a program, utility or function. The manual page associated with each of these arguments is then found and displayed. A section, if provided, will direct man to look only in that section of the manual. The default action is to search in all of the available sections following a pre-defined order (see DEFAULTS), and to show only the first page found, even if page exists in several sections.
The table below shows the section numbers of the manual followed by the types of pages they contain.
1 Executable programs or shell commands
2 System calls (functions provided by the kernel)
Manual page man(1) line 1 (press h for help or q to quit)
```

4. cd

- To navigate through the linux files and directories.
- cd .. (to move one directory up)
- cd (to go straight to the home folder)
- cd - (to move to a previous directory)



The screenshot shows a terminal window titled "vivin@vivin-VirtualBox: ~/Music". The user is navigating through the file system using the 'cd' command. The sequence of commands and outputs is as follows:

```
vivin@vivin-VirtualBox:/home$ ls
vivin
vivin@vivin-VirtualBox:/home$ cd vivin
vivin@vivin-VirtualBox:~/vivin$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
vivin@vivin-VirtualBox:~/vivin$ cd Desktop
vivin@vivin-VirtualBox:~/Desktop$ pwd
/home/vivin/Desktop
vivin@vivin-VirtualBox:~/Desktop$ ls
Ajce 'hello world welcome' Mca2
vivin@vivin-VirtualBox:~/Desktop$ cd Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ pwd
/home/vivin/Desktop/Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ cd -
/home/vivin/Desktop
vivin@vivin-VirtualBox:~/Desktop$ pwd
/home/vivin/Desktop
vivin@vivin-VirtualBox:~/Desktop$ cd ..
vivin@vivin-VirtualBox:~/vivin$ cd Documents
vivin@vivin-VirtualBox:~/Documents$ pwd
/home/vivin/Documents
vivin@vivin-VirtualBox:~/Documents$ ls
vivin@vivin-VirtualBox:~/Documents$ cd -
/home/vivin
vivin@vivin-VirtualBox:~/vivin$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
vivin@vivin-VirtualBox:~/vivin$ cd Music
vivin@vivin-VirtualBox:~/Music$
```

5. ls

- Used to view the content of the directory.
- ls -R (Will list all the files in the subdirectory).
- ls -l (long listing)
- ls -a (will show hidden files)
- ls -al (will list all the files and directories with detailed information like the permissions,size,owners.)
- ls -t (list files sorted in the order of last modified)
- ls -r (option will reverse the natural sorting order.usually used in combination with order switches such as ls -tr.This will reverse the time wise listing.

```
Activities Terminal Jun 13 19:30
vivin@vivin-VirtualBox: ~
vivin@vivin-VirtualBox:~$ cd Music
vivin@vivin-VirtualBox:~/Music$ ls
vivin@vivin-VirtualBox:~/Music$ ls -R
.:
vivin@vivin-VirtualBox:~/Music$ ls -L
vivin@vivin-VirtualBox:~/Music$ cd
vivin@vivin-VirtualBox:~$ cd Desktop
vivin@vivin-VirtualBox:~/Desktop$ ls
Ajce 'hello world welcome' Mca2
vivin@vivin-VirtualBox:~/Desktop$ cd Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ ls
Desktop Mca Mca2 welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce$ cd Mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca$ ls
A-Batch B-Batch
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca$ cd B-Batch
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ ls
pic.png
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cd -L
vivin@vivin-VirtualBox:~$ pwd
/home/vivin
vivin@vivin-VirtualBox:~$ cd Desktop
vivin@vivin-VirtualBox:~/Desktop$ cd Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ cd Desktop
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop$ ls
newnew
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop$ ls -a
. .. newnew
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop$ cd newnew
```

```

vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew$ ls
Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew$ cd Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ ls
file file2.txt file3.txt file.txt newnew
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ ls -a
. .. file file2.txt file3.txt file.txt newnew
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ ls -al
total 28
drwxrwxr-x 6 vivin vivin 4096 Jun 13 12:18 .
drwxrwxr-x 3 vivin vivin 4096 Jun 13 11:46 ..
-rw-rw-r-- 1 vivin vivin 81 Jun 13 12:19 file
drwxrwxr-x 2 vivin vivin 4096 Jun 13 12:17 file2.txt
drwxrwxr-x 2 vivin vivin 4096 Jun 13 12:17 file3.txt
drwxrwxr-x 2 vivin vivin 4096 Jun 13 12:16 file.txt
```

```
Activities Terminal Jun 13 19:35
vivin@vivin-VirtualBox: ~
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew$ ls -lt
Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew$ cd -
/home/vivin/Desktop/Ajce/Desktop/newnew/Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ ls -lt
file file3.txt file2.txt file.txt newnew
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ ls -lr
newnew file.txt file3.txt file2.txt file
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ cd ls
bash: cd: ls: No such file or directory
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ ls
file file2.txt file3.txt file.txt newnew
vivin@vivin-VirtualBox:~/Desktop/Ajce/Desktop/newnew/Ajce$ cd
vivin@vivin-VirtualBox:~$ ls -al
total 72
drwxr-xr-x 14 vivin vivin 4096 Jun 13 12:19 .
drwxr-xr-x  3 root  root  4096 Jun  1 17:06 ..
-rw-r--r--  1 vivin vivin 1286 Jun 13 12:19 .bash_history
-rw-r--r--  1 vivin vivin  220 Jun  1 17:06 .bash_logout
-rw-r--r--  1 vivin vivin 3771 Jun  1 17:06 .bashrc
drwxr-xr-x 13 vivin vivin 4096 Jun 13 10:50 .cache
drwxr-xr-x 12 vivin vivin 4096 Jun 13 12:20 .config
drwxr-xr-x  5 vivin vivin 4096 Jun 13 11:40 Desktop
drwxr-xr-x  2 vivin vivin 4096 Jun  1 17:18 Documents
drwxr-xr-x  2 vivin vivin 4096 Jun  1 17:18 Downloads
drwxr-xr-x  3 vivin vivin 4096 Jun  1 17:18 .gnupg
drwxr-xr-x  3 vivin vivin 4096 Jun  1 17:18 .local
drwxr-xr-x  2 vivin vivin 4096 Jun  1 17:18 Music
```

6. mkdir

- to make a new directory.
- mkdir -p (to create a directory in between two existing directories).

```
Ajce: command not found
vivin@vivin-VirtualBox:~/Desktop$ cd Ajce
vivin@vivin-VirtualBox:~/Desktop/Ajce$ ls
Desktop Mca Mca2 welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce$ mkdir programs
vivin@vivin-VirtualBox:~/Desktop/Ajce$ ls
Desktop Mca Mca2 programs welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce$ cd programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ mkdir mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ mkdir -p mca/2020/newfile
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ ls
mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ cd mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ ls
2020
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ cd 2020
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ ls
newfile
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ cd newfile
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020/newfile$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020/newfile$
```

7. rmdir

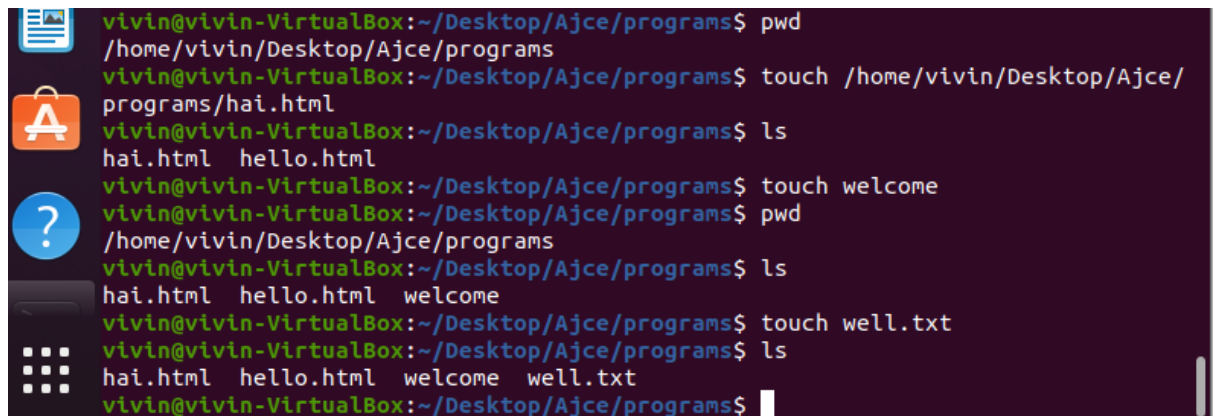
-to delete a directory.(onlu allows you to delete empty directories)

```
Activities Terminal Jun 13 19:45
vivin@vivin-VirtualBox: ~/Desktop/Ajce/programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ rmdir newfile
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ cd -
bash: cd: /home/vivin/Desktop/Ajce/programs/mca/2020/newfile: No such file or d
irectory
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ pwd
/home/vivin/Desktop/Ajce/programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ rmdir 2020
rmdir: failed to remove '2020': No such file or directory
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ rmdir mca
rmdir: failed to remove 'mca': Directory not empty
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ cd mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ pwd
/home/vivin/Desktop/Ajce/programs/mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ ls
2020
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ rmdir 2020
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ pwd
/home/vivin/Desktop/Ajce/programs/mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ rmdir mca
rmdir: failed to remove 'mca': No such file or directory
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ rmdir mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$
```

```
Activities Terminal Jun 13 19:45
vivin@vivin-VirtualBox: ~/Desktop/Ajce/programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ rmdir newfile
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ cd -
bash: cd: /home/vivin/Desktop/Ajce/programs/mca/2020/newfile: No such file or d
irectory
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca/2020$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ pwd
/home/vivin/Desktop/Ajce/programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ rmdir 2020
rmdir: failed to remove '2020': No such file or directory
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ rmdir mca
rmdir: failed to remove 'mca': Directory not empty
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ cd mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ pwd
/home/vivin/Desktop/Ajce/programs/mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ ls
2020
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ rmdir 2020
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ pwd
/home/vivin/Desktop/Ajce/programs/mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ rmdir mca
rmdir: failed to remove 'mca': No such file or directory
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs/mca$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ rmdir mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ ls
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$
```


8. touch

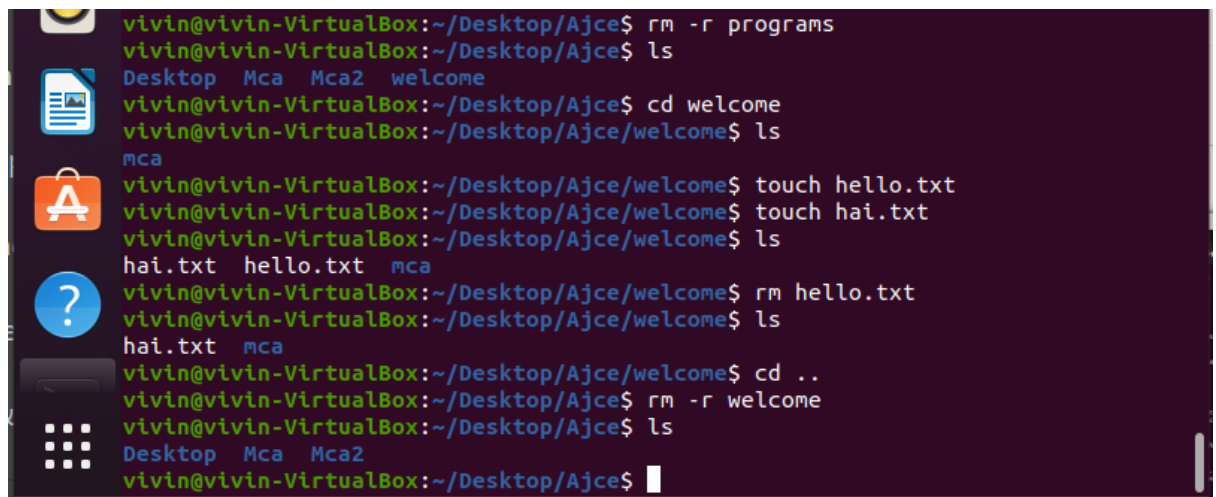
- to create a blank new file

A terminal window with a dark purple background and light green text. The prompt is 'vivin@vivin-VirtualBox:~/Desktop/Ajce/programs\$'. The user enters 'pwd' and the output is '/home/vivin/Desktop/Ajce/programs'. Then they enter 'touch /home/vivin/Desktop/Ajce/programs/hai.html'. Next, they enter 'ls' and the output is 'hai.html hello.html'. Then they enter 'touch welcome'. Next, they enter 'pwd' and the output is '/home/vivin/Desktop/Ajce/programs'. Then they enter 'ls' and the output is 'hai.html hello.html welcome'. Then they enter 'touch well.txt'. Finally, they enter 'ls' and the output is 'hai.html hello.html welcome well.txt'.

```
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ pwd
/home/vivin/Desktop/Ajce/programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ touch /home/vivin/Desktop/Ajce/
programs/hai.html
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ ls
hai.html hello.html
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ touch welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ pwd
/home/vivin/Desktop/Ajce/programs
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ ls
hai.html hello.html welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ touch well.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$ ls
hai.html hello.html welcome well.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/programs$
```

9. rm

- to delete directories and the contents within them
- **rm -r** (to delete directory)
- **rm filename** (to remove a file)

A terminal window with a dark purple background and light green text. The prompt is 'vivin@vivin-VirtualBox:~/Desktop/Ajce\$'. The user enters 'rm -r programs'. Then they enter 'ls' and the output is 'Desktop Mca Mca2 welcome'. Then they enter 'cd welcome'. Next, they enter 'ls' and the output is 'mca'. Then they enter 'touch hello.txt'. Next, they enter 'touch hai.txt'. Then they enter 'ls' and the output is 'hai.txt hello.txt mca'. Then they enter 'rm hello.txt'. Next, they enter 'ls' and the output is 'hai.txt mca'. Then they enter 'cd ..'. Then they enter 'rm -r welcome'. Next, they enter 'ls' and the output is 'Desktop Mca Mca2'. Finally, they enter 'ls' and the output is 'Desktop Mca Mca2'.

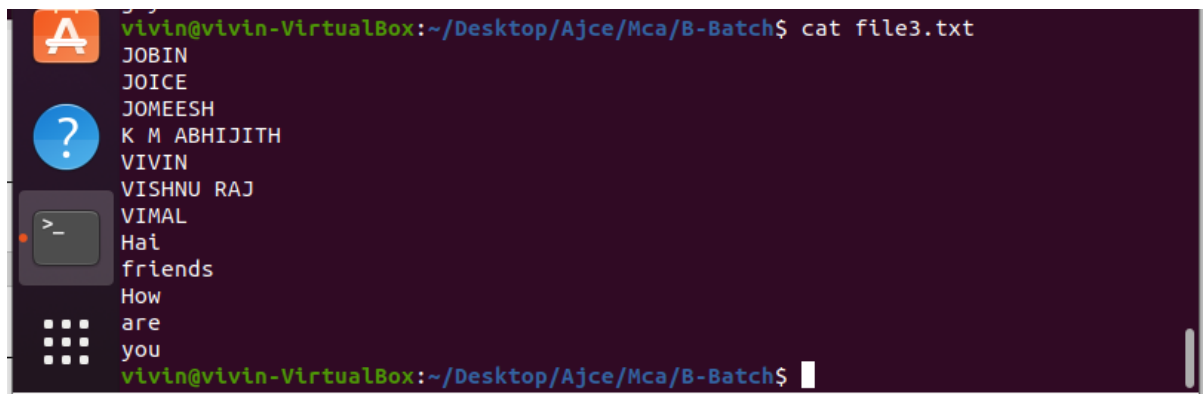
```
vivin@vivin-VirtualBox:~/Desktop/Ajce$ rm -r programs
vivin@vivin-VirtualBox:~/Desktop/Ajce$ ls
Desktop Mca Mca2 welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce$ cd welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ ls
mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ touch hello.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ touch hai.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ ls
hai.txt hello.txt mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ rm hello.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ ls
hai.txt mca
vivin@vivin-VirtualBox:~/Desktop/Ajce/welcome$ cd ..
vivin@vivin-VirtualBox:~/Desktop/Ajce$ rm -r welcome
vivin@vivin-VirtualBox:~/Desktop/Ajce$ ls
Desktop Mca Mca2
vivin@vivin-VirtualBox:~/Desktop/Ajce$
```

10. cat

- list the content of a file
- **cat >filename** (create a new file)
- **cat filename1 filename2>filename3** (join two files and store the output in the third file)
- **cat filename | tr a-z A-Z >output.txt** (to convert a file to upper or lower case)
- **cat >>myfile** (insert data to a file)


```
Activities Terminal Jun 13 20:49
vivin@vivin-VirtualBox: ~/Desktop/Ajce/Mca/B-Batch
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca$ cd B-Batch
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ touch file1.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat>file1.txt
Jobin
Joice
Jomeesh
K M Abhijith
^C
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file1.txt
Jobin
Joice
Jomeesh
K M Abhijith
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat>file2.txt
Vivin
Vishnu Raj
Vimal
^C
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file2.txt
Vivin
Vishnu Raj
Vimal
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file1.txt file2.txt>file
.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ file.txt
file.txt: command not found
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file.txt
Jobin
Joice
```

```
Jobin
Joice
Jomeesh
K M Abhijith
Vivin
Vishnu Raj
Vimal
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file.txt | tr a-z A-Z>fi
le3.txt
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file3.txt
JOBIN
JOICE
JOMEESH
K M ABHIJITH
VIVIN
VISHNU RAJ
VIMAL
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat>>file3.txt
Hai
friends
How
are
you
guys^C
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file3.txt
JOBIN
JOICE
JOMEESH
K M ABHIJITH
```



A terminal window with a dark purple background. On the left side, there is a vertical dock with four icons: an orange application icon, a blue circle with a white question mark, a grey terminal icon with a white prompt character, and a white grid icon. The terminal text is as follows:

```
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$ cat file3.txt
JOBIN
JOICE
JOMEESH
K M ABHIJITH
VIVIN
VISHNU RAJ
VIMAL
Hai
friends
How
are
you
vivin@vivin-VirtualBox:~/Desktop/Ajce/Mca/B-Batch$
```