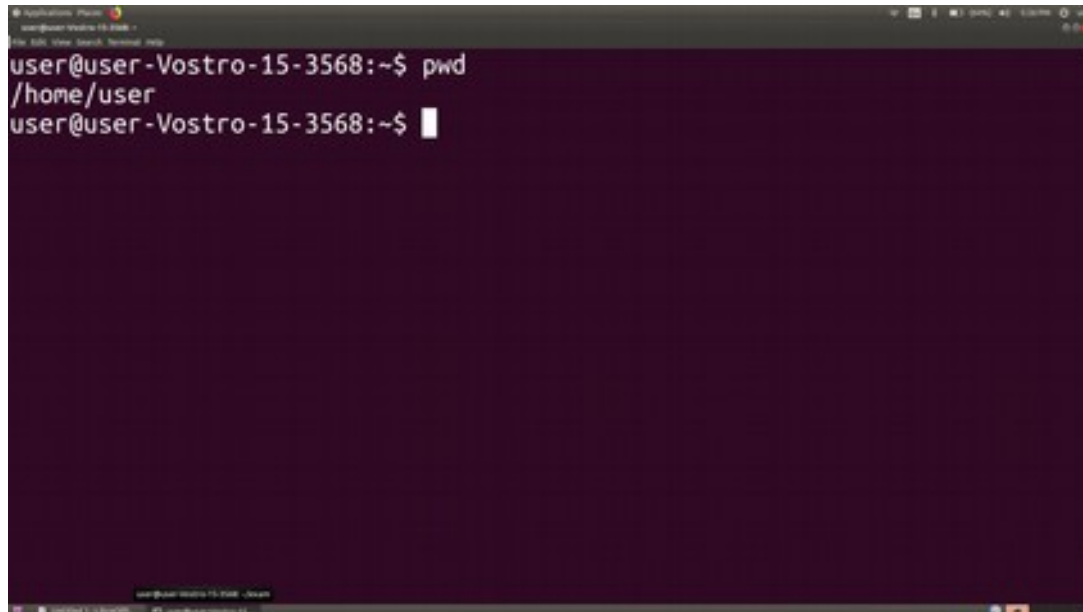


FOSS LAB

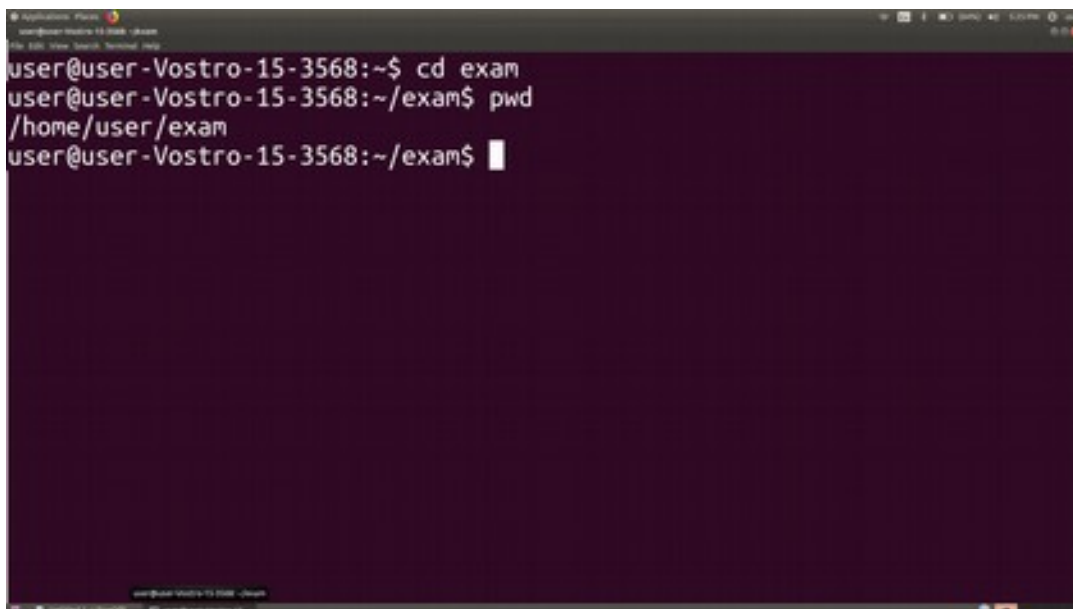
ASSIGNMENT

1.Display your current directory

A terminal window titled 'user@user-Vostro-15-3568' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the command 'pwd' being entered and executed, resulting in the output '/home/user'. The prompt 'user@user-Vostro-15-3568:~\$' is visible at the bottom.

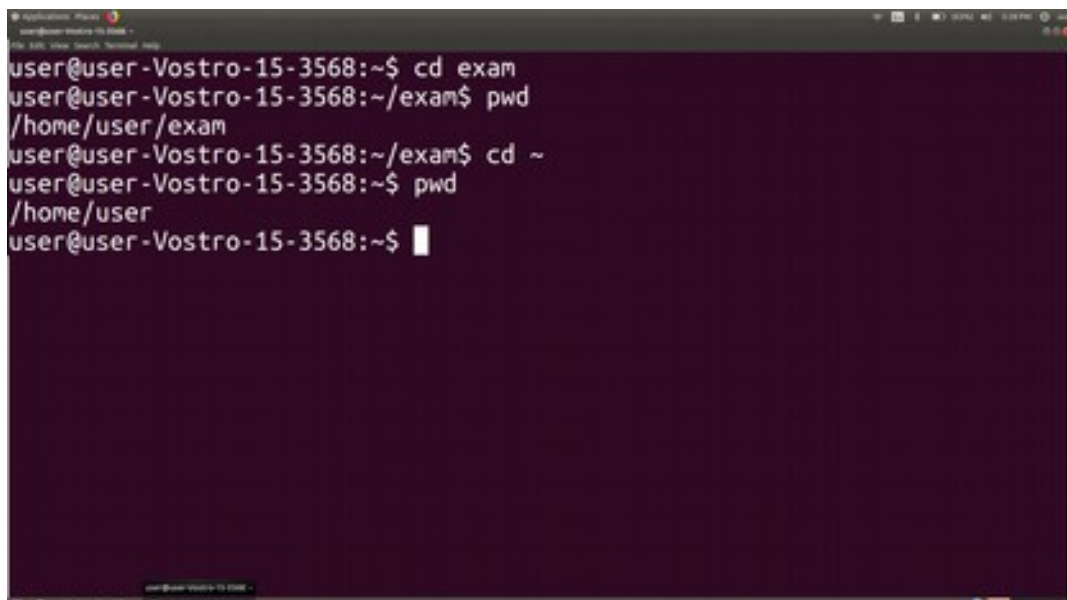
```
user@user-Vostro-15-3568:~$ pwd
/home/user
user@user-Vostro-15-3568:~$
```

2.Change to the /etc directory

A terminal window titled 'user@user-Vostro-15-3568' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the command 'cd exam' being entered and executed, followed by 'pwd' which outputs '/home/user/exam'. The prompt 'user@user-Vostro-15-3568:~/exam\$' is visible at the bottom.

```
user@user-Vostro-15-3568:~$ cd exam
user@user-Vostro-15-3568:~/exam$ pwd
/home/user/exam
user@user-Vostro-15-3568:~/exam$
```

3. Change to home directory using a single command

A terminal window titled 'user@user-Vostro-15-3568' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows a sequence of commands: 'cd exam', 'pwd' (outputting '/home/user/exam'), 'cd ~', and 'pwd' (outputting '/home/user'). The prompt 'user@user-Vostro-15-3568:~\$' is visible at the bottom.

```
user@user-Vostro-15-3568:~$ cd exam
user@user-Vostro-15-3568:~/exam$ pwd
/home/user/exam
user@user-Vostro-15-3568:~/exam$ cd ~
user@user-Vostro-15-3568:~$ pwd
/home/user
user@user-Vostro-15-3568:~$
```

4. Change to the parent directory of the current directory

```
user@user-Vostro-15-3568:~$ cd exam
user@user-Vostro-15-3568:~/exam$ cd etc
user@user-Vostro-15-3568:~/exam/etc$ pwd
/home/user/exam/etc
user@user-Vostro-15-3568:~/exam/etc$ cd ..
user@user-Vostro-15-3568:~/exam$ pwd
/home/user/exam
user@user-Vostro-15-3568:~/exam$
```

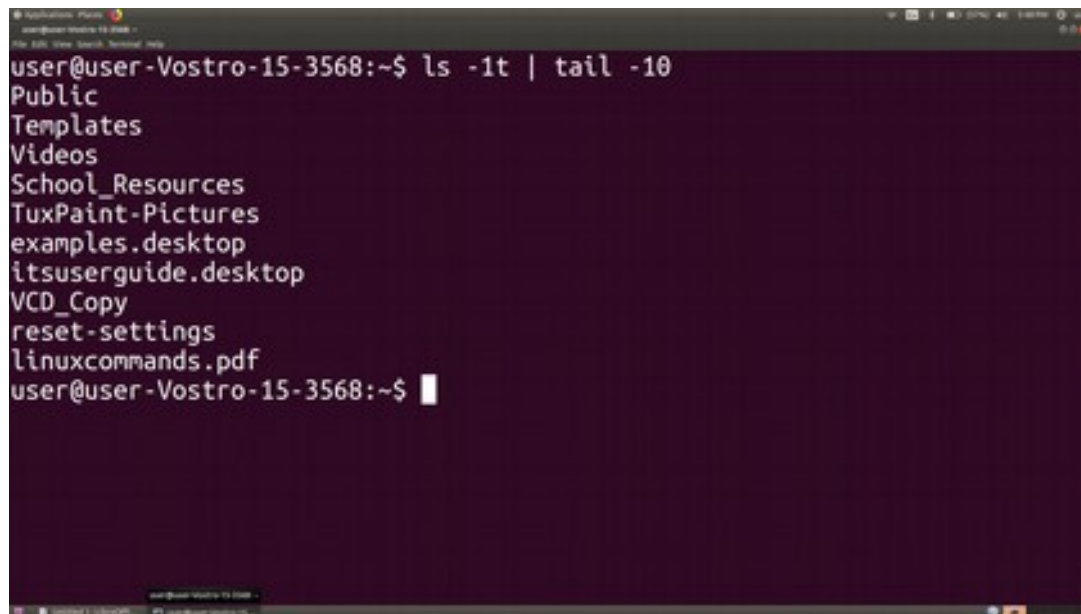
5. Go to the root directory

```
user@user-Vostro-15-3568:~$ cd exam
user@user-Vostro-15-3568:~/exam$ cd etc
user@user-Vostro-15-3568:~/exam/etc$ cd ..
user@user-Vostro-15-3568:~/exam$ pwd
/home/user/exam
user@user-Vostro-15-3568:~/exam$ cd ..
user@user-Vostro-15-3568:~$ pwd
/home/user
user@user-Vostro-15-3568:~$
```

6. Give a long listing of the root directory

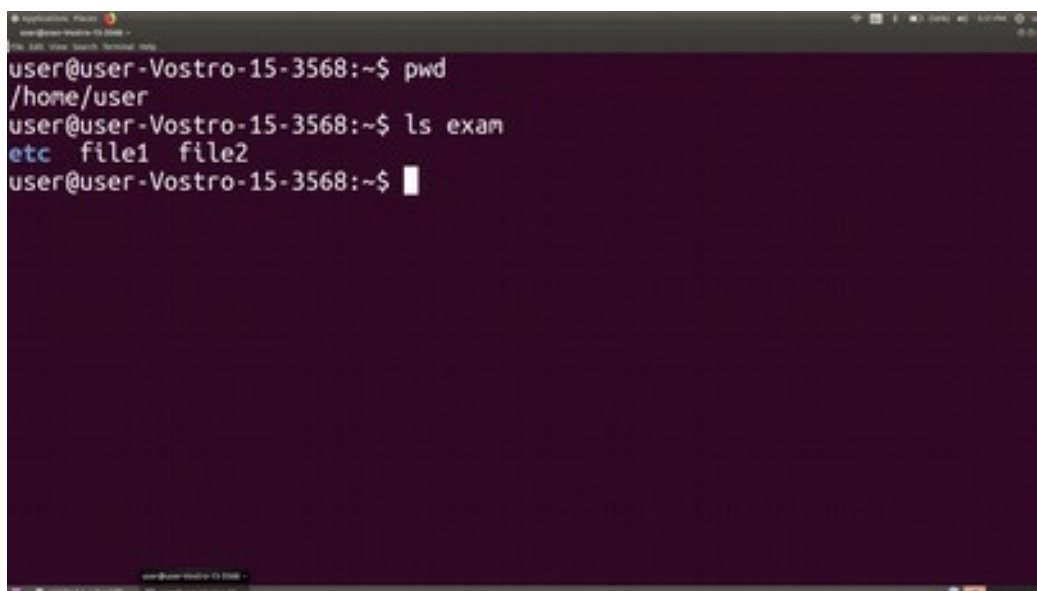
```
user@user-Vostro-15-3568:~/exam/etc$ cd ..
user@user-Vostro-15-3568:~/exam$ pwd
/home/user/exam
user@user-Vostro-15-3568:~/exam$ cd ..
user@user-Vostro-15-3568:~$ pwd
/home/user
user@user-Vostro-15-3568:~$ ls
a                file2            prgrm5.c.save
ac               file.cpp         prgr1.c
ad               foss            project
a.out           graph0.c         Public
arya            graph1.c         que.c
as              graph2.c         que.c.save
b               graph.c          reset-settings
bin_search.c    index.html       School_Resources
cpl1.c          in_post.c        sree
cpl1.c.save     ituserguide.desktop
cd              linkedlist.c.save
Desktop         linklist.c       Templates
Documents       linuxcommands.pdf
Downloads       llsp.c           tree.c
Bright-Images   mult.c           tree.c.save
etc             Music            tree.c.save.1
exam            odd_even.c       tree.c.save.2
examples.desktop odd_even.c.save  TuxPaint-Pictures
exam            Pictures         VCB_Copy
exam.c          pol.save         Videos
fl              postfix.c        vidhyarangan.odp
file            postfix.c.save   xi.c
prgrm1.c        prgrm1.c         xf
user@user-Vostro-15-3568:~$
```

7. Give a listing of the last 10 files in the root directory



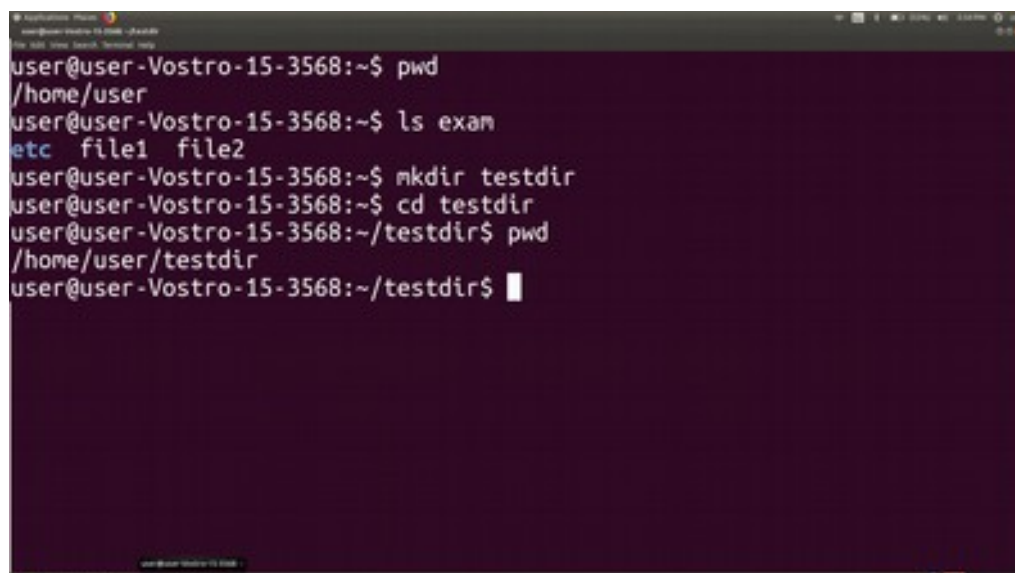
```
user@user-Vostro-15-3568:~$ ls -lt | tail -10
Public
Templates
Videos
School_Resources
TuxPaint-Pictures
examples.desktop
itsuserguide.desktop
VCD_Copy
reset-settings
linuxcommands.pdf
user@user-Vostro-15-3568:~$
```

8. Stay where you are and list the contents



```
user@user-Vostro-15-3568:~$ pwd
/home/user
user@user-Vostro-15-3568:~$ ls exam
etc file1 file2
user@user-Vostro-15-3568:~$
```

9. Create a directory testdir in your home directory



```
user@user-Vostro-15-3568:~$ pwd
/home/user
user@user-Vostro-15-3568:~$ ls exam
etc file1 file2
user@user-Vostro-15-3568:~$ mkdir testdir
user@user-Vostro-15-3568:~$ cd testdir
user@user-Vostro-15-3568:~/testdir$ pwd
/home/user/testdir
user@user-Vostro-15-3568:~/testdir$
```

10.Change to the /etc directory,stay there and create directory newdir in your home directory

```
user@user-Vostro-15-3568:~$ cd testdir
user@user-Vostro-15-3568:~/testdir$ pwd
/home/user/testdir
user@user-Vostro-15-3568:~/testdir$ mkdir ~/newdir
user@user-Vostro-15-3568:~/testdir$ pwd
/home/user/testdir
user@user-Vostro-15-3568:~/testdir$ cd ..
user@user-Vostro-15-3568:~$ ls
a                file.cpp          prog1.c
ac               foss              project
ad              graph0.c          Public
a.out           graph1.c          que.c
arya            graph2.c          que.c.save
as              graph.c           reset-settings
b               index.html        School_Resources
bin_search.c    in_post.c         sree
c3p1.c          itsuserguide.desktop stack.c
```

11.Create in one command the directories ~/dir1/dir2/dir3

```
user@user-Vostro-15-3568:~$ mkdir -p dir1/dir2/dir3
user@user-Vostro-15-3568:~$ cd dir1
user@user-Vostro-15-3568:~/dir1$ ls
dir2
user@user-Vostro-15-3568:~/dir1$ cd dir2
user@user-Vostro-15-3568:~/dir1/dir2$ ls
dir3
user@user-Vostro-15-3568:~/dir1/dir2$
```

12.Display the calendar of April 2019

```
user@user-Vostro-15-3568:~$ cal 04 2019
April 2019
Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6
 7  8  9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30
user@user-Vostro-15-3568:~$
```

13.