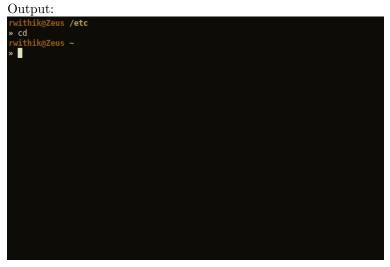
PRACTICE QUESTIONS CYCLE 1 Rwithik Manoj 22-02-2019 Question 1: Display your current directory.

Output:

```
withing
pwd
home/rwithik
rwithik@Zeus
```

Question 2: Change to /etc directory. Output:

Question 3: Change to home directory using a single command.



```
Question 4: Change to the parent directory of the current directory.

Output:

**vithik@Zeus ~

** cd .

**withik@Zeus /home

**vithik@Zeus /home
```

Question 5: Go to the root directory.

Question 6: Give a long listing of the root directory. Output:

Question 7: Give a listing of the last 10 files of the root directory. Output:

Question 8: Stay where you are, and list the contents of /etc. Output:

Question 9: Create a directory test dir in your home directory.



Question 10: Change to the /etc directory, stay there and create a directory newdir in your home directory (using a single command). Output:

rwithik@Zeus /
» cd /etc
rwithik@Zeus /etc
» mkdir ~/newdir
rwithik@Zeus /etc
» I

Question 11: Create in one command the directories /dir1/dir2/dir3 (dir3 is a subdirectory from dir2,and dir2 is a subdirectory from dir1).

Output:

Question 12: Display the calendar for April 2019. Output:

```
rwithikeZeus /etc

» cal apr 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

rwithikeZeus /etc

»
```

Question 13: Display that 'There are ....... files in my current directory' . The ...... should be filled with the count of the files.

Output:

Question 14: List all the files (including hidden files) in your home directory. Output:

```
Output:
» ls -a
                                                                                                     .ssh
startpage
Templates
testdir
.themes
.thumbnails
                                                       .gksu.lock
                                                       .gnupg
.gradle
   android
                                                     .gradle
.gtkrc-2.0
.icons
.ipython
.java
.keras
.lesshst
.local
  Android
AndroidStudio3.3
AndroidStudioProjects
  archrice
.audacity-data
.bash_history
                                                                                                      .tor-browser
                                                                                                     .urxvt
Videos
.vim
   bash_logout
bash_profile
                                                     .tocal
.moc
.mozilla
Music
newdir
.nnncp
.node_repl_history
                                                                                                      .viminfo
   bashrc
  .bashrc
.bashrc_arch
.cache
.config
Desktop
                                                                                                     .w3m
wallpapers
.wget-hsts
.Xauthority
                                                      .npm
.oh-my-zsh
Pictures
.pki
                                                                                                      .xinitrc
.Xresources
   dmrc
                                                                                                      . Xresources.def
                                                      .profile
Programs
Projects
  Documents
Downloads
                                                                                                      .xsession-errors
.xsession-errors.old
.zcompdump-Zeus-5.6.2
   esd_auth
```

Question 15: Redirect the output of the above command to a new file FileList.txt. Output:

Question 16: Redirect the number of lines of FileList.txt to CountFile.txt. Output:

Question 17: List all the files in your home directory starting with 's' . Output:

Question 18: List all the file-names starting with "a", "b" or "s" . Output:

```
rwithik@Zeus ~

" ls | grep -e "^[abc]"

archrice

withik@Zeus ~
```

Question 19: Create two files 'Countries.txt', containing country names and their corresponding capital cities and 'Story.txt' contains some arbitrary lines of text.

## Output:

```
rwithik@Zeus ~

vim Countries.txt

rwithik@Zeus ~

vim Story.txt

rwithik.txt

rwithik.txt

rwithik.txt

rwithik.txt

rwithik.txt

rwithik.txt

rwithik.txt
```

```
Image: Imag
```

Question 20: Convert all lowercase characters from 'Story.txt' to uppercase and store it in a file 'Capstory.txt'.

## Output:

Question 21: Toggle the cases in 'Story.txt' and store it in a file 'Togglestory.txt'. Output:

Question 22: Sort the contents of 'Countries.txt'with Capital as the primary sort key and write the sorted output to 'SortCountry.txt'.

Output:

```
rwithik@Zeus ~

» cat Countries.txt| sort -k2
Algeria: Algiers
Andorra: Andorra la Vella
Azerbaijan: Baku
Argentina: Buenos Aires
Australia: Canberra
Afghanistan: Kabul
Angola: Luanda
Albania: Tirana
Austria: Vienna
Armenia: Yerevan
rwithik@Zeus ~

» ■
```

Question 23: Display only the capital cities from 'Countries.txt'. Output:

Question 24: Locate all '.txt' and '.doc' files in the current directory . Output:

```
rwithi@Zeus ~

» ls -a | egrep ".*txt|.*doc"

Capstory.txt
Countries.txt
Story.txt
Togglestory.txt
rwithi@Zeus ~

» I
```

Question 25: Count the number of occurence of 'the' in 'Story.txt'. Output: