Practice Questions Cycle 1

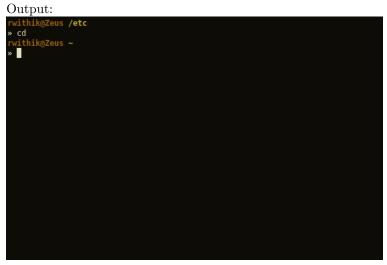
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Question 1: Display your current directory. Output:

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.

Output:

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

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:

 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.

```
rwithik@Zeus /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

rwithik@Zeus /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:
                                                                                                   .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
                                                                                                    .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 File List.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:

```
rwithik@Zeus ~

* ls | grep -e "^s"

* sess

startpage

rwithik@Zeus ~

* ]
```

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

```
rwithik@Zeus ~

» ls | grep -e "^[abc]"
archice
rwithik@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.

```
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'.

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:

```
rwithikeZeus ~

» 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
rwithikeZeus ~

»
```

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

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

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