1. What is the command to change directory and how to move one directory back?

   The command to change the directory is cd

   To move one directory back, you can use the command cd ..

2. What is the command to make directory named IPHONE and IPAD and remove the directory named IPAD?

   mkdir IPHONE

   mkdir IPAD

3. Make a directory name TextDocuments in the desktop and make 3 text files:

   textfile1.txt, textfile2.txt and textfile3.txt inside the TextDocument.

```
Installing, this may take a few minutes...
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: manogya
New password:
Retype new password:
passwd: password updated successfully
Installation successful!
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.79.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage


This message is shown once a day. To disable it please create the
/home/manogya/.hushlogin file.
manogya@m4nogya:~$ mkdir Desktop
manogya@m4nogya:~$ cd Desktop
manogya@m4nogya:~/Desktop$ touch textfile1.txt textfile2.txt textfile3.txt
manogya@m4nogya:~/Desktop$ ls
textfile1.txt  textfile2.txt  textfile3.txt
manogya@m4nogya:~/Desktop$
```

4. Remove the directory TextDocuments and contents within it.

```
manogya@m4nogya:~/Desktop/textdocument$  cd..
cd..: command not found
manogya@m4nogya:~/Desktop/textdocument$ cd ..
manogya@m4nogya:~/Desktop$ rm textdocument
rm: cannot remove 'textdocument': Is a directory
manogya@m4nogya:~/Desktop$ rm -r[textdocument]
rm: invalid option -- '['
Try 'rm --help' for more information.
manogya@m4nogya:~/Desktop$ rm -r textdocument
manogya@m4nogya:~/Desktop$ ls
manogya@m4nogya:~/Desktop$
```

5. What is the command to list all the invisible files and to display the directories in detail?

   a. ls –a

   b. ls –l

       c. ls -al

6. How to remove the commands from screen without closing the terminal?

clear

7. Which command is used to find out the path of the current working directory (folder) you're in?

 ls

8. What is the command to check which directory are you currently working on?

The command to check which directory I am in is pwd

9. What is the difference between?

    a. cd ..

       this command is used to move one directory back

    b. cd

       cd command offers several ways to navigate and change the working directory

    c. cd –

       It lets you change directories using relative and absolute paths, move to parent or root directories, or find directories with incomplete names

10. Create a file name name.txt on Desktop and add text "Hello, my name is John" into the file.

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

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This message is shown once a day. To disable it please create the
/home/manogya/.hushlogin file.
manogya@m4nogya:~$ mkdir Desktop
mkdir: cannot create directory 'Desktop': File exists
manogya@m4nogya:~$ cd Desktop
manogya@m4nogya:~/Desktop$ touch name.txt
manogya@m4nogya:~/Desktop$ echo "Hello, my name is John" >> name.txt
manogya@m4nogya:~/Desktop$ ls
name.txt
manogya@m4nogya:~/Desktop$ cat name.txt
Hello, my name is John
manogya@m4nogya:~/Desktop$ |
```

11. Copy new.txt from the current directory to a Document directory.

```
Desktop  Documents
manogya@m4nogya:~$ mkdir Documents
mkdir: cannot create directory 'Documents': File exists
manogya@m4nogya:~$ rm -r Documents
manogya@m4nogya:~$ mkdir Documents
manogya@m4nogya:~$ cp Desktop/name.txt Documents
manogya@m4nogya:~$ cd Documents
manogya@m4nogya:~/Documents$ ls
name.txt
manogya@m4nogya:~/Documents$
```

12. Compress the file "name.txt" into a zip archive.

```
name.txt
manogya@m4nogya:~/Documents$ zip name.txt.zip name.txt
  adding: name.txt (stored 0%)
manogya@m4nogya:~/Documents$ ls
name.txt   name.txt.zip
manogya@m4nogya:~/Documents$
```

13. **df** is used to get the report of disk space uses on the system. The results shown is KBs. What if I want to see the report in megabytes?

```
manogya@m4nogya:~/Documents$ df -BM
Filesystem     1M-blocks     Used Available Use% Mounted on
none               3908M       1M     3908M   1% /mnt/wsl
drivers        464254M 126763M   337492M  28% /usr/lib/wsl/drivers
none               3908M       0M     3908M   0% /usr/lib/wsl/lib
/dev/sdc        1031019M    1030M   977544M   1% /
none               3908M       1M     3908M   1% /mnt/wslg
rootfs             3904M       2M     3903M   1% /init
none               3908M       1M     3908M   1% /run
none               3908M       0M     3908M   0% /run/lock
none               3908M       0M     3908M   0% /run/shm
none               3908M       0M     3908M   0% /run/user
tmpfs              3908M       0M     3908M   0% /sys/fs/cgroup
none               3908M       1M     3908M   1% /mnt/wslg/versions.txt
none               3908M       1M     3908M   1% /mnt/wslg/doc
drvfs          464254M 126763M   337492M  28% /mnt/c
manogya@m4nogya:~/Documents$
```

14. What is the command to move file KAT.txt from directory Pictures to directory Videos if the full path of Pictures directory is /home/user/Pictures?

```
manogya@m4nogya:~$ ls
Desktop  Documents  videos
manogya@m4nogya:~$ mkdir pictures
manogya@m4nogya:~$ ls
Desktop  Documents  pictures  videos
manogya@m4nogya:~$ cd pictures
manogya@m4nogya:~/pictures$ touch kat.txt
manogya@m4nogya:~/pictures$ ls
kat.txt
manogya@m4nogya:~/pictures$ cd
manogya@m4nogya:~$ mv KAT.txt / pictures videos
mv: cannot stat 'KAT.txt': No such file or directory
mv: cannot move '/' to 'videos': Device or resource busy
mv: cannot move 'pictures' to 'videos/pictures': Directory not empty
manogya@m4nogya:~$ mv kat.txt/pictures videos
mv: cannot stat 'kat.txt/pictures': No such file or directory
manogya@m4nogya:~$ ls
Desktop  Documents  pictures  videos
manogya@m4nogya:~$ cd pictures
manogya@m4nogya:~/pictures$ ls
kat.txt
manogya@m4nogya:~/pictures$ mv kat.txt/pictures videos
mv: cannot stat 'kat.txt/pictures': Not a directory
manogya@m4nogya:~/pictures$ ls kat.txt
kat.txt
manogya@m4nogya:~/pictures$ cd ..
manogya@m4nogya:~$ ls kat.txt
ls: cannot access 'kat.txt': No such file or directory
manogya@m4nogya:~$ ls
Desktop  Documents  pictures  videos
```

```
Desktop  Documents  pictures  videos
manogya@m4nogya:~$ cd pictures
manogya@m4nogya:~/pictures$ ls
kat.txt
manogya@m4nogya:~/pictures$ mv kat.txt/pictures videos
mv: cannot stat 'kat.txt/pictures': Not a directory
manogya@m4nogya:~/pictures$ ls kat.txt
kat.txt
manogya@m4nogya:~/pictures$ cd ..
manogya@m4nogya:~$ ls kat.txt
ls: cannot access 'kat.txt': No such file or directory
manogya@m4nogya:~$ ls
Desktop  Documents  pictures  videos
manogya@m4nogya:~$ cd videos
manogya@m4nogya:~/videos$ ls
pictures
manogya@m4nogya:~/videos$ cd pictures
manogya@m4nogya:~/videos/pictures$ ls
KAT.txt
manogya@m4nogya:~/videos/pictures$
```