

```

(sambhu@ sambhu)-[~]
$ ./5.q1 /etc
ImageMagick-6      init.d              pulse
ModemManager        initramfs-tools    python2.7
NetworkManager      inputrc             python3
ODBCDataSources     insserv.conf.d     python3.11
OpenCL               ipp-usb             radcli
UPower              iproute2            rc0.d
X11                  ipsec.conf          rc1.d
adduser.conf         ipsec.d             rc2.d
alsa                 ipsec.secrets       rc3.d
alternatives         issue               rc4.d
apache2              issue.net           rc5.d
apg.conf             java-17-openjdk     rc6.d
apparmor             john                rcS.d
apparmor.d           kali-menu           reader.conf.d
apt                  kernel              rearj.cfg
arp-scan             kernel-img.conf     redis
avahi                keyutils            redsocks.conf
bash.bashrc          kismet             request-key.conf
bash_completion      ld.so.cache         request-key.d
bash_completion.d    ld.so.conf          resolv.conf
bindresvport.blacklist ld.so.conf.d        responder
binfmt.d             ldap                rmt
bluetooth            libao.conf          rpc
ca-certificates      libaudit.conf       runit
ca-certificates.conf libblockdev          rygel.conf
chatscripts          libccid_Info.plist samba
chromium             libibverbs.d        sane.d
cifs-utils           libnl-3              scalpel
cloud                libpaper.d           screenrc

```

2

```
(sambhu@sambhu)-[~]  
$ ./5.q2  
Enter the Hero Name:  
joey  
Enter the Movie Name:  
king  
Enter the Language:  
english  
Enter the Price:  
20000  
Enter the Date of Release ):  
23/12/2023  
Information stored successfully in movie_info.txt!  
  
(sambhu@sambhu)-[~]  
$ cat movie_info.txt  
Hero Name: joey  
Movie Name: kings  
Language: English  
Price: 2000  
Date of Release: 2023-12-25  
Hero Name: joey  
Movie Name: king  
Language: english  
Price: 20000  
Date of Release: 23/12/2023
```

3

```
the numbers number whose sum of cube of the digit is equal to the number are  
1  
153  
370  
371  
407
```

4

```

(sambhu@ sambhu)-[~]
$ cat text1.txt
Hello friends
HOLA AMIGOZ

(sambhu@ sambhu)-[~]
$ ./5.q4 text1.txt
the number of line text1.txt :2

(sambhu@ sambhu)-[~]
$

```

5

```

(sambhu@ sambhu)-[~]
$ ./5.q5
enter the two number :
56
98
The Greatest common divisor is 14

```

6

```

(sambhu@ sambhu)-[~]
$ ls /home/sambhu
1      5.q3.sh  Desktop  Templates  function    q10  q16  q5.3  text.txt
18     5.q4    Documents Videos    github      q11  q17  q6    text1.txt
2      5.q5    Downloads bin        gt          q12  q18  q7    text2.txt
3      5.q6    Music    etc        hello       q13  q3   q8    user
5      6      Pictures file1.txt  movie_info.txt q14  q4   q9
5.q2  8      Public   files     q1.3        q15  q5   sam

(sambhu@ sambhu)-[~]
$ ./5.q6
enter the file path
/home/sambhu
the number of sub directories are :13

```

```
(sambhu@ sambhu)-[~]
$ ./5.q7
Enter the folder
/home
The names of all subfolders with size 0 have been saved to empty_subfolders.txt

(sambhu@ sambhu)-[~]
$ cat empty_subfolders.txt
/home/sambhu/.config/gnome-session/saved-session
/home/sambhu/.config/goa-1.0
/home/sambhu/.cache/sessions
/home/sambhu/.cache/tracker3/files/errors
/home/sambhu/.cache/obexd
/home/sambhu/.cache/mozilla/firefox/msvhk1bu.default
/home/sambhu/.cache/mozilla/firefox/tf6eguxs.default-esr/thumbnails
/home/sambhu/.cache/evolution/mail/trash
/home/sambhu/.cache/evolution/sources/trash
/home/sambhu/.cache/evolution/calendar/trash
/home/sambhu/.cache/evolution/tasks/trash
/home/sambhu/.cache/evolution/addressbook/trash
/home/sambhu/.cache/evolution/memos/trash
/home/sambhu/gt/dbda/.git/refs/tags
/home/sambhu/gt/dbda/.git/branches
/home/sambhu/gt/dbda/.git/objects/info
/home/sambhu/gt/.git/refs/tags
/home/sambhu/gt/.git/refs/heads
/home/sambhu/gt/.git/branches
/home/sambhu/gt/.git/objects/info
/home/sambhu/gt/.git/objects/pack
/home/sambhu/.local/share/org.gnome.TextEditor/drafts
/home/sambhu/.local/share/nano
/home/sambhu/.local/share/flatpak/db
/home/sambhu/.local/share/applications
/home/sambhu/.local/share/evolution/mail/trash
/home/sambhu/.local/share/evolution/calendar/trash
/home/sambhu/.local/share/evolution/tasks/trash
/home/sambhu/.local/share/evolution/addressbook/trash
/home/sambhu/.local/share/evolution/addressbook/system/photos
/home/sambhu/.local/share/evolution/memos/trash
/home/sambhu/.local/share/sounds
/home/sambhu/.local/share/icc
```

8

```
(sambhu@ sambhu)-[~]  
$ ls /home/s  
empty file  
  
(sambhu@ sambhu)-[~]  
$ sudo ./5.q8  
Enter the folder  
/home/s  
  
(sambhu@ sambhu)-[~]  
$ ls /home/s  
ls: cannot access '/home/s': No such file or directory  
  
(sambhu@ sambhu)-[~]  
$
```

9

```
(sambhu@ sambhu)-[~]  
$ cat input.txt  
hello  
hello  
hi  
hi  
  
(sambhu@ sambhu)-[~]  
$ ./5.q9 input.txt  
  
(sambhu@ sambhu)-[~]  
$ cat input.txt  
hello  
hi  
  
(sambhu@ sambhu)-[~]  
$
```

```
(sambhu@ sambhu)-[~]  
$ ./5.q10 vowels  
Number of vowels in 'vowels': 8  
  
(sambhu@ sambhu)-[~]  
$ cat vowels  
hellow have a nice day
```