- **Write a shell script that determines the period for which a specified user is working on the system.**

```
vaibhav@ubuntu:~$ nano 4a.sh
vaibhav@ubuntu:~$ ./4a.sh
bash: ./4a.sh: Permission denied
vaibhav@ubuntu:~$ chmod +x 4a.sh
vaibhav@ubuntu:~$ ./4a.sh
Enter the name of user
vaibhav
vaibhav   tty2          tty2            Sat Nov  5 19:24   still logged in
vaibhav   tty2          tty2            Sat Nov  5 19:19 - down    (00:04)
vaibhav   tty2          tty2            Sat Nov  5 15:54 - crash   (03:25)
vaibhav   tty2          tty2            Sat Nov  5 15:45 - down    (00:07)

wtmp begins Sat Nov  5 15:45:00 2022
```

- **Write a shell script that displays all the lines between start and end line numbers passed as argument.**

```
vaibhav@ubuntu:~$ chmod +x 4b.sh
vaibhav@ubuntu:~$ ./4b.sh
enter the filename
vai.txt
enter the starting line number
1
enter the ending line number
4
INDIA
AMERICA
GREECE
GERMANY
vaibhav@ubuntu:~$ 
```

- **Write a shell script that deletes all lines containing a specified word in one or more files supplied as arguments to it**

```
vaibhav@ubuntu:~$ ./4c.sh vai.txt
Enter the word to be searched in files
FRANCE
INDIA
AMERICA
GERMANY
AUSTRALIA
NEW ZEALAND
vaibhav@ubuntu:~$ cat vai.txt
INDIA
AMERICA
GERMANY
AUSTRALIA
NEW ZEALAND
vaibhav@ubuntu:~$
```