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

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

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

```
aditya@ubuntu:~$ ./file7.sh
Enter the name of the user
aditya
aditya   :1           :1                  Fri Nov  4 18:23
aditya   :1           :1                  Thu Nov  3 14:22
aditya   :1           :1                  Thu Nov  3 13:08
aditya   :1           :1                  Thu Nov  3 04:17
aditya   :1           :1                  Tue Nov  1 21:14
```

```
aditya@ubuntu:~$ ./file8.sh
Enter the dilename
file10.txt
Enter the starting file number
1
Enter ending line number
3
hello my name is aditya
hello everyone
i am astudent in cse department
```

```
 GNU nano 6.2                                    fi
echo "Enter the dilename"
read fname
echo "Enter the starting file number"
read s
echo "Enter ending line number"
read n
sed -n $s,$n\p $fname | cat > file9.txt
cat file9.txt
```

```
 GNU nano 6.2                                    f
echo "program:$0"
echo "the number of arguments are= $#"
echo "the arguments are= $*"
grep "$1" $2
echo "job finish"
```

```
 GNU nano 6.2
echo "Enter the name of the user"
read str
last $str
```

```
aditya@ubuntu:~$ ./file.sh
program:./file.sh
the number of arguments are= 0
the arguments are=
```