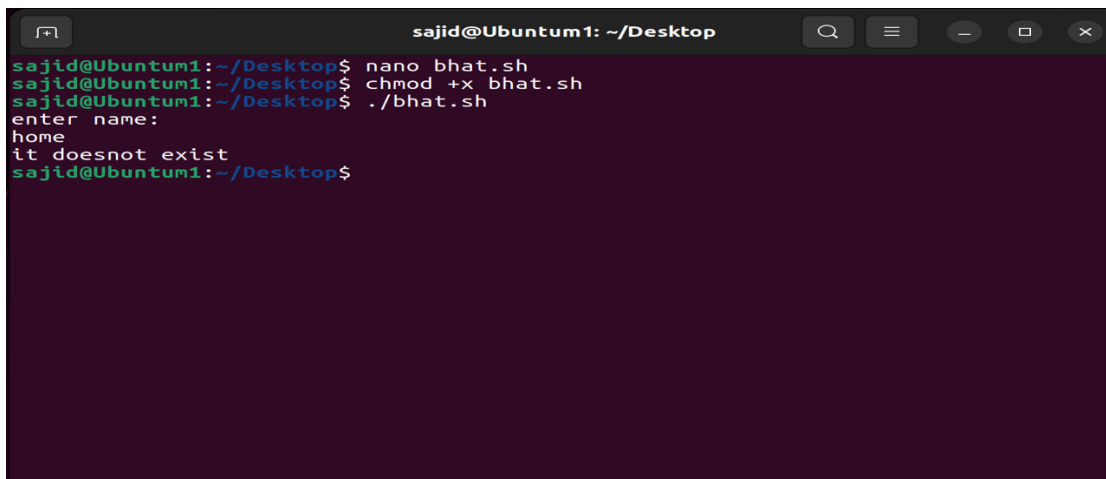

EXPERIMENT 3:

A) Write a shell script that takes a command line argument and reports on whether it is a directory or a file.

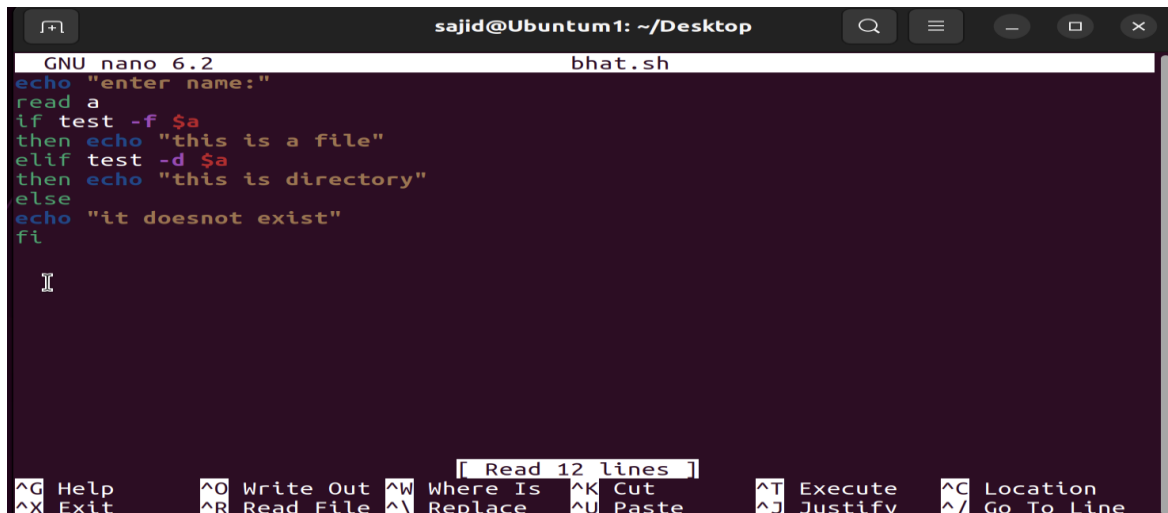
- echo "Enter Name:"
- read a
- if test -f \$a
- then echo "This is a File"
- elif test -d \$a
- then echo "This is a Directory"
- else
- echo "It does not exist"
- fi



```
sajid@Ubuntum1: ~/Desktop
sajid@Ubuntum1:~/Desktop$ nano bhat.sh
sajid@Ubuntum1:~/Desktop$ chmod +x bhat.sh
sajid@Ubuntum1:~/Desktop$ ./bhat.sh
enter name:
home
it doesnot exist
sajid@Ubuntum1:~/Desktop$
```

The screenshot shows a terminal window with the title 'sajid@Ubuntum1: ~/Desktop'. The user has created a file 'bhat.sh' using 'nano', made it executable with 'chmod +x bhat.sh', and then run it with './bhat.sh'. The script prompts for an input, which is 'home'. The script then outputs 'it doesnot exist'.

B)

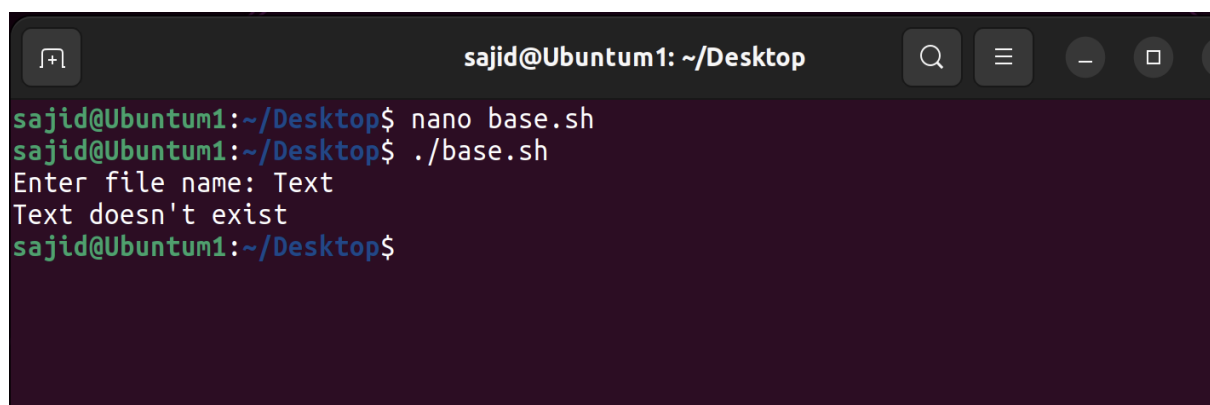


```
GNU nano 6.2 bhat.sh
echo "enter name:"
read a
if test -f $a
then echo "this is a file"
elif test -d $a
then echo "this is directory"
else
echo "it doesnot exist"
fi

[ Read 12 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut      ^T Execute
^X Exit      ^R Read File ^\ Replace  ^U Paste    ^J Justify
^_ Location
^/ Go To Line
```

Write a shell script that takes file names as arguments and convert all of them to uppercase.

- echo -n "Enter File name :"
- read a
- if [! -f \$a]
- then
- echo " \$a file doesn' t exist"
- exit 1
- fi
- tr '[a-z]' '[A-Z]' < \$a



```
sajid@Ubuntum1: ~/Desktop
sajid@Ubuntum1:~/Desktop$ nano base.sh
sajid@Ubuntum1:~/Desktop$ ./base.sh
Enter file name: Text
Text doesn't exist
sajid@Ubuntum1:~/Desktop$
```

```
sajid@Ubuntum1: ~/Desktop
GNU nano 6.2 base.sh *
echo -n "Enter file name"
read a
if [ ! -f $a ]
then
echo "$a doesn't exist"
exit 1
fi
tr '[a-z]' '[A-Z] < $a
```