EXPERIMENT 3

A. Write a shell script that takes a command line argument ad report on weather it is directory or a File?

COMMAND : nano filename.sh

```
echo “Enter FileName”

read a

if test –f $str

then echo “It is a  File”

elif test –d $str

then echo “It is a Directory”

else

echo “File does not exists”

fi
```

{ctrl+s: SAVE , ctrl+x: EXIT}

Terminal : chmod u+x Filename.sh

./Filename.sh

```
gaurang@gaurang:~/Desktop$ gedit abcd.sh
gaurang@gaurang:~/Desktop$ chmod u+x abcd.sh
gaurang@gaurang:~/Desktop$ ./abcd.sh
 enter File
New
It is a Directory File
gaurang@gaurang:~/Desktop$ ./abcd.sh
 enter File
Test.sh
File does not exist
gaurang@gaurang:~/Desktop$ ./abcd.sh
 enter File
abcd.sh
It is a Text File
gaurang@gaurang:~/Desktop$
```

```
1 echo " enter File"
2 read str
3 if test -f $str
4 then echo "It is a Text File"
5 elif test -d $str
6 then echo "It is a Directory File"
7 else
8 echo "File does not exist"
9 fi
```

B. Write a shell script that takes a filename as argument ad convert all of them to Uppercase?

COMMAND : nano Filename.sh

echo – “Enter FileName”

read filename

if [! –f $fileName]

then

echo “FileName $fileName does not exists”

exit 1

fi

tr ‘[a-z]’ ‘[A-Z]’ < $fileName

```
gaurang@gaurang:~/Desktop$ cat File1.txt
Hi
welcome to os lab
experiment no. 3
gaurang@gaurang:~/Desktop$ chmod u+x Gaurang.sh
gaurang@gaurang:~/Desktop$ ./Gaurang.sh
Enter File Name :File1.txt
HI
WELCOME TO OS LAB
EXPERIMENT NO. 3
gaurang@gaurang:~/Desktop$
```

```
# get filename
echo -n "Enter File Name :"
read fileName
# make sure the file exits for reading
if [ ! -f $fileName ]
then
echo "Filename $fileName does not exists"
exit 1
fi
# convert to uppercase using tr command
tr '[a-z]' '[A-Z]' < $fileName
```