

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

```
GNU nano 6.2
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 doesnot exist"
fi
```

```
suraj@surajpandit:~$ nano check.sh
suraj@surajpandit:~$ ./check.sh
enter name:
Public
this is a directory
suraj@surajpandit:~$
```

B) 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`

```
GNU nano 6.2
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
```

```
suraj@surajpandit:~$ cat file.txt
Tell me and i forget.
teach me and i remember.
involve me and i learn.
by benjamin
suraj@surajpandit:~$ ./upper.sh
Enter file name: file.txt
./upper.sh: line 3: [!: command not found
TELL ME AND I FORGET.
TEACH ME AND I REMEMBER.
INVOLVE ME AND I LEARN.
BY BENJAMIN
suraj@surajpandit:~$
```