

Command	Example	Description
mkdir	mkdir [directories..]  mkdir -v[direct..]  mkdir -p[direct.]  mkdir -m a=r fs	Create [directories..] or folders in current directory.  It displays a message for every directory created.  To create parent directories as necessary. If direct. exist, no error is specified.  '-m' is used to set modes i.e permissions, here 'a=r' is mode for fs directory.
rmdir	rmdir [directories]	Remove the directories if they are empty.
rm	rm [files..]  rm -i [files..]  rm -f [files..] rm -r [directory]	Remove files or directories (by default it does not remove directories)  Confirm from user before deletion.  Remove files by force.  Remove all files and sub-directories recursively.
cp	cp [src_files] [destination]  cp -i file1 file2  cp -r Dir1 Dir2  cp *.txt Destination	Copy the source file to destination.  Confirm before copying file1 content to file2.  Copy all content of Dir1 to Dir2.  Copy all items of .txt format to Destination

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

**Command:** nano filename.sh

```
echo -n "enter filename"
```

```
read filename
```

```
if [ ! -f $filename ]
```

```
then
```

```
echo "filename $filename does not exist"
```

```
exit 1
```

```
fi
```

```
tr 'a-z' 'A-Z' < $filename
```

**(ctrl+o:save & ctrl+x:exit)**

**Terminal:** chmod +x filename

./nameofthefile.sh

```
echo "Enter the name"
read a
if test -f $a
then echo "It is a file"
elif test -d $a
then echo "It is directory"
fi
```

Home

```
(aakash@kali)-[~/Desktop]
$ nano exp1.sh
```

```
(aakash@kali)-[~/Desktop]
$ chmod +x exp1.sh
```

```
(aakash@kali)-[~/Desktop]
$ sh exp1.sh
```

```
Enter the name
file1.txt
It is a file
```

```
(aakash@kali)-[~/Desktop]
$
```

```
(aakash@kali)-[~/Desktop]  
$ nano exp2.sh
```

```
(aakash@kali)-[~/Desktop]  
$ cat exp2.sh  
echo -n "Enter file name"  
read filename  
if [ -f $filename]  
then  
echo "Eilename $filename does not exists"  
exit 1  
fi  
tr '[a-z]' '[A-Z]' <$filename
```

```
(aakash@kali)-[~/Desktop]  
$ chmod +x exp1.sh
```

```
(aakash@kali)-[~/Desktop]  
$ sh exp2.sh  
Enter file namefile1.txt  
exp2.sh: 3: [: missing ]  
HII HELLO
```