WEEK 3

Write a shell script that displays a list of all the files in the current directory.

Program

```
echo "enter the directory name"
read dir
if [ -d $dir ]
then
cd $dir
ls > f
exec < f
while read line
doif [ -f $line ]
then
if [ -r $line -a -w $line -a -x $line ]
then
echo "$line has all permissions"else
echo "files not having all permissions"
fi
fi
done
fi
```

Output

```
student@ubuntu:~$sh prg3.sh
enter the directory name
dir1
ff has all permissions
files not having permissions
```

2. Write a shell script that receives any number of file names as arguments check if every argument supplied is a file or a directory and reports accordingly. When ever the argument is a file or directory.

Program

```
for x in $*
doif [ -f $x ]
then
echo " $x is a file "
echo " no of lines in the file are "
wc –l $x
elif [ -d $x ]
then
echo " $x is a directory "else
echo " enter valid filename or directory name "
fi
done
```

Output

```
guest-glcbIs@ubuntu:~$sh lprg4.sh dir1 d1
dir1 is a directory
d1 is a file
no of lines in the file are 2
```

THANK YOU