



Sagar Institute of Research & Technology, Bhopal

Department of Information Technology

Experiment :9

AIM: Write a shell script that displays a list of all the files in the current directory 9

THEORY:

Cd: The cd command can be used for to change the directory that means we can change the existing directory.

Wc: The wc command can be used for to count the number of words on given data by using wc command options we can count the number of lines on a file (wc-l)

SYNTAX:

```
#!/bin/bash
for VARIABLE in 1 2 3 4 5 .. N
do
    command1
    command2
    commandN
done
```

CODE:

```
mkdir python
ls
cd python
touch filefolder.sh
sudo nano filefolder.sh
echo Displaying Directories
for item in *
do
    if [ -d $item ]
    then
        echo $item
    fi
done
echo Displaying Files
for item in *
do
    if [ -f $item ]
    then
        echo $item
    fi
done
```



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fi
done

COMPILE:

sudo chmod +x filefolder.sh
./ factorial.sh

OUTPUT:

```
harish@harish-Inspiron-3537: ~/shell
harish@harish-Inspiron-3537:~/shell$ ./filefolder.sh
Displaying Directories
python
Displaying Files
arithmetic
arithmetic.sh
array1.sh
array.sh
basic.sh
casein.sh
cmd
filefolder.sh
for.sh
hello.sh
ifelse.sh
relational
shell.sh
variable.sh
```