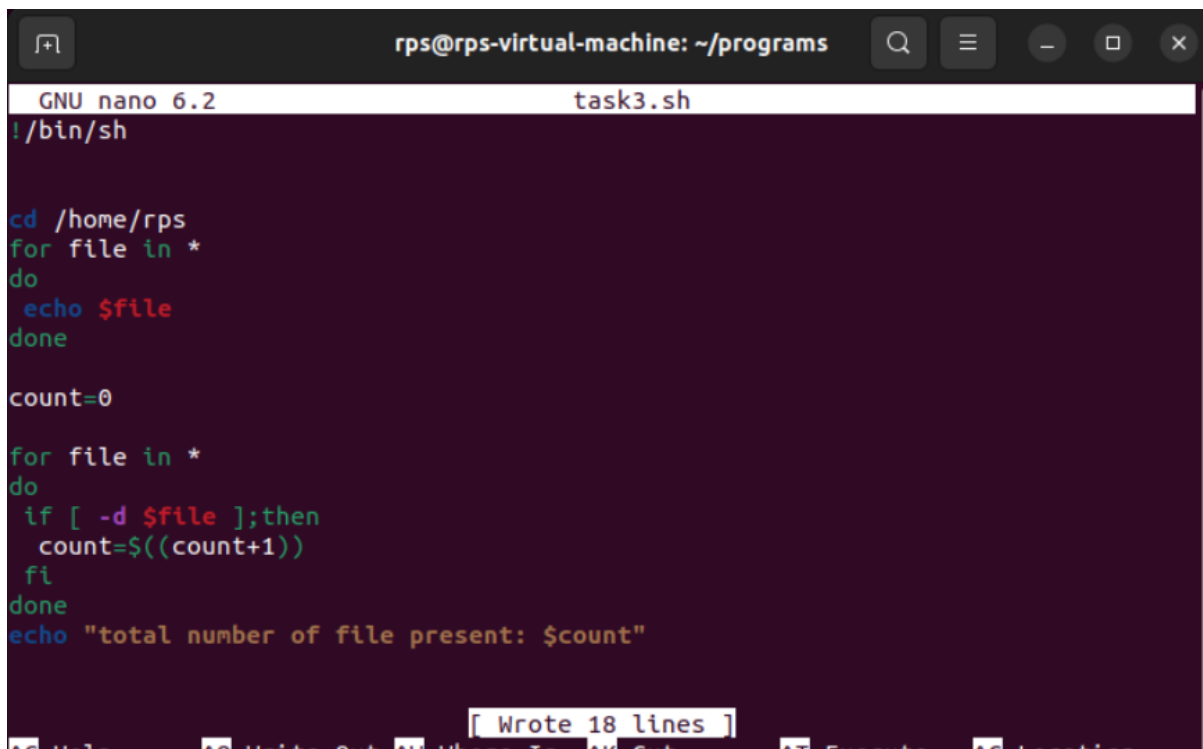


3.count the number of directory and files in specific folder.



A screenshot of a terminal window with a nano text editor. The window title is 'rps@rps-virtual-machine: ~/programs'. The editor is editing a file named 'task3.sh'. The script content is as follows:

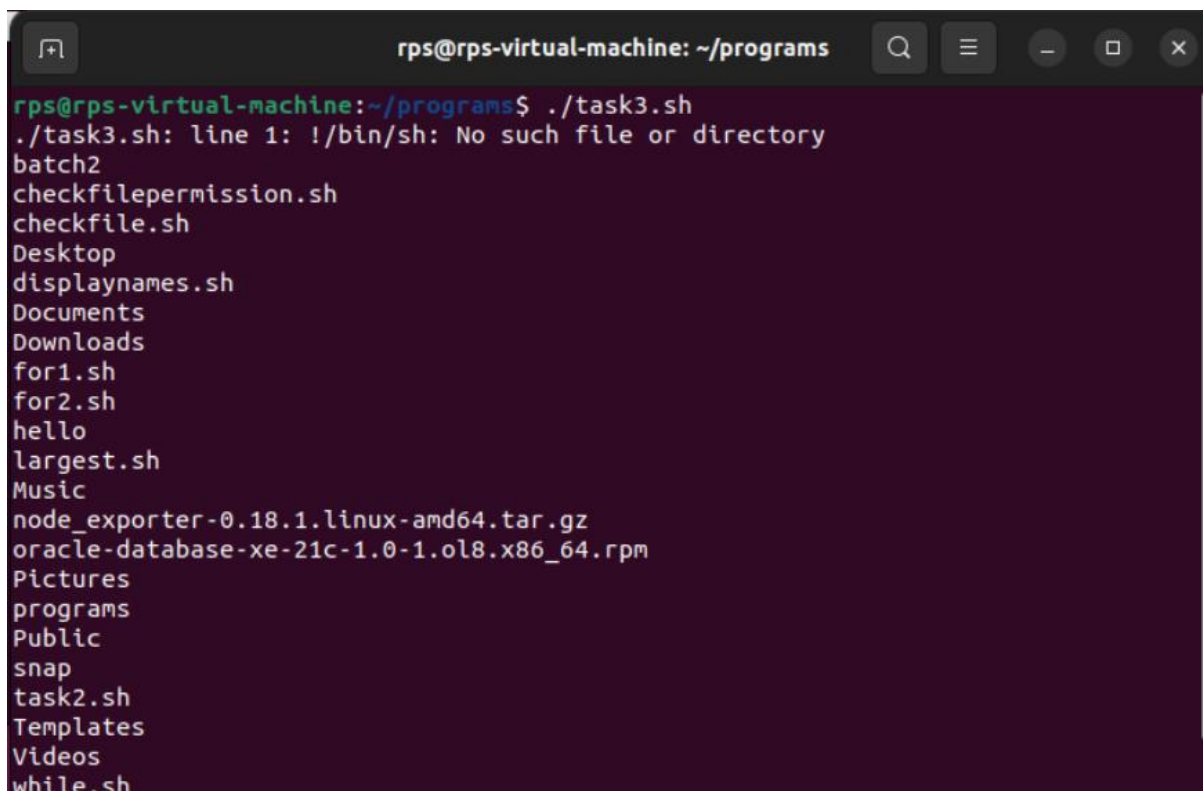
```
GNU nano 6.2 task3.sh
#!/bin/sh

cd /home/rps
for file in *
do
    echo $file
done

count=0

for file in *
do
    if [ -d $file ];then
        count=$((count+1))
    fi
done
echo "total number of file present: $count"
```

At the bottom of the editor, a status bar indicates '[Wrote 18 lines]'. Below the editor, there are tabs for 'Help', 'Write Out', 'Where Is', 'Cut', 'Execute', and 'Location'.



A screenshot of a terminal window with the title 'rps@rps-virtual-machine: ~/programs'. The prompt is 'rps@rps-virtual-machine:~/programs\$'. The command './task3.sh' has been executed, resulting in the following output:

```
rps@rps-virtual-machine:~/programs$ ./task3.sh
./task3.sh: line 1: !/bin/sh: No such file or directory
batch2
checkfilepermission.sh
checkfile.sh
Desktop
displaynames.sh
Documents
Downloads
for1.sh
for2.sh
hello
largest.sh
Music
node_exporter-0.18.1.linux-amd64.tar.gz
oracle-database-xe-21c-1.0-1.018.x86_64.rpm
Pictures
programs
Public
snap
task2.sh
Templates
Videos
while.sh
```

```
rps@rps-virtual-machine: ~/programs
batch2
checkfilepermission.sh
checkfile.sh
Desktop
displaynames.sh
Documents
Downloads
for1.sh
for2.sh
hello
largest.sh
Music
node_exporter-0.18.1.linux-amd64.tar.gz
oracle-database-xe-21c-1.0-1.018.x86_64.rpm
Pictures
programs
Public
snap
task2.sh
Templates
Videos
while.sh
total number of file present: 12
rps@rps-virtual-machine:~/programs$
```