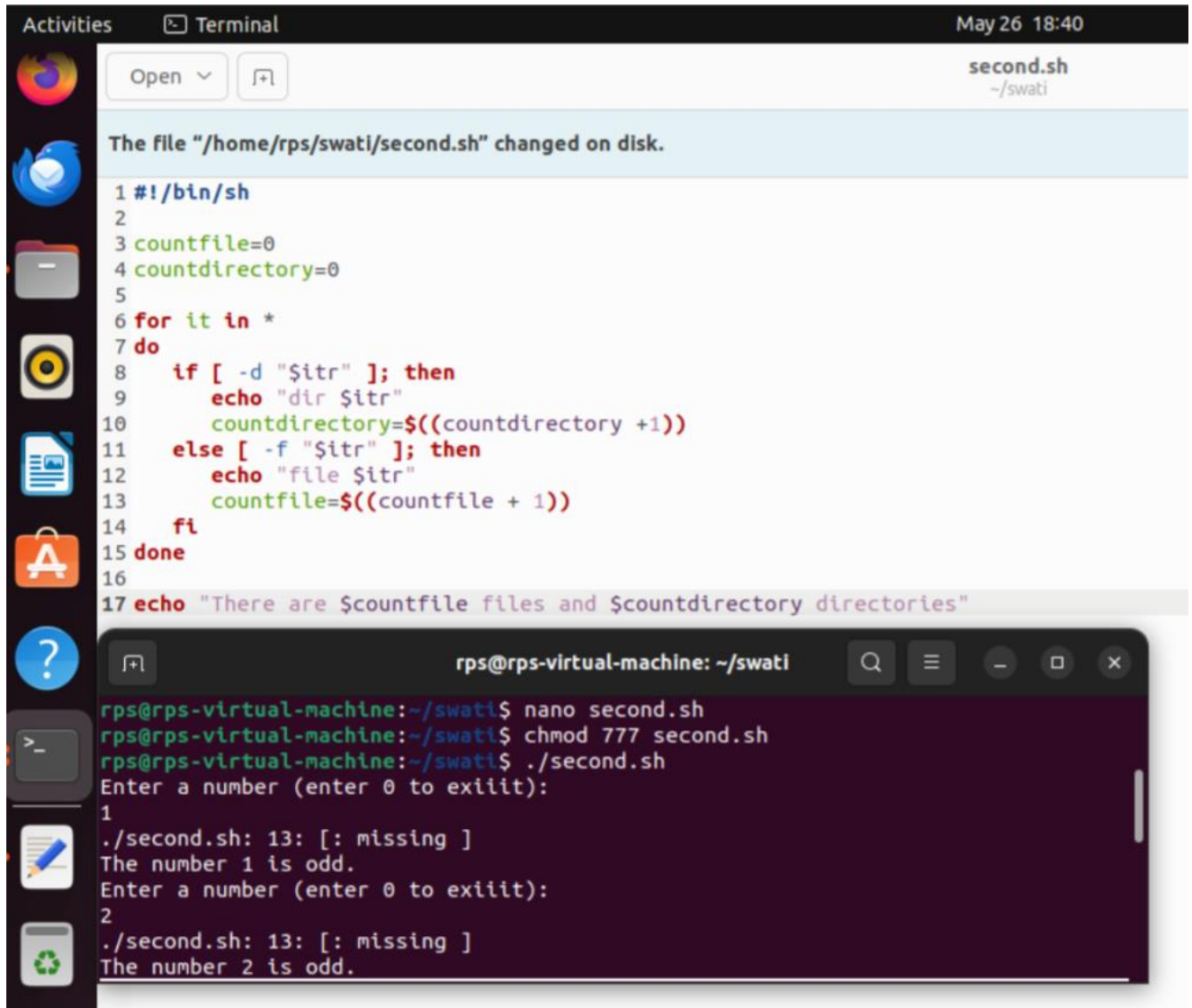


## Assignment 2

- ✚ Write a script that reads numbers from the user until they enter '0'. The script should also print whether each number is odd or even.

has context menu

Solution :



The screenshot shows a Linux desktop environment with a terminal window open. The terminal displays the contents of a script named `second.sh` and its execution. The script is a shell script that reads numbers from the user until they enter '0'. It checks if the input is a directory or a file and prints the result. The execution shows the user entering '1' and '2', and the script outputting 'The number 1 is odd.' and 'The number 2 is odd.' respectively. The terminal window also shows the user running `nano second.sh` and `chmod 777 second.sh` before running the script.

```
Activities Terminal May 26 18:40
second.sh
~/swati

The file "/home/rps/swati/second.sh" changed on disk.

1 #!/bin/sh
2
3 countfile=0
4 countdirectory=0
5
6 for it in *
7 do
8     if [ -d "$itr" ]; then
9         echo "dir $itr"
10        countdirectory=$((countdirectory + 1))
11    else [ -f "$itr" ]; then
12        echo "file $itr"
13        countfile=$((countfile + 1))
14    fi
15 done
16
17 echo "There are $countfile files and $countdirectory directories"

rps@rps-virtual-machine: ~/swati
rps@rps-virtual-machine:~/swati$ nano second.sh
rps@rps-virtual-machine:~/swati$ chmod 777 second.sh
rps@rps-virtual-machine:~/swati$ ./second.sh
Enter a number (enter 0 to exiit):
1
./second.sh: 13: [: missing ]
The number 1 is odd.
Enter a number (enter 0 to exiit):
2
./second.sh: 13: [: missing ]
The number 2 is odd.
```