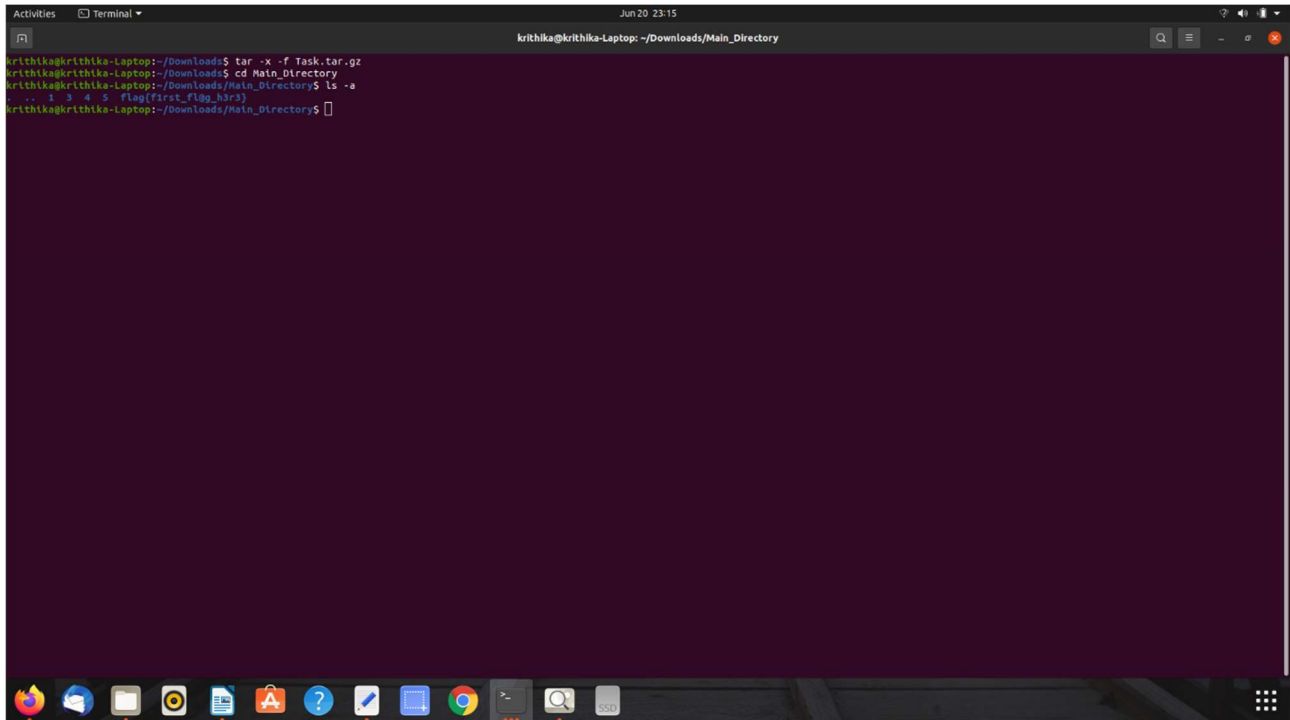# COGNIZANCE TASKS

TASK 4: [CYS BASICS]
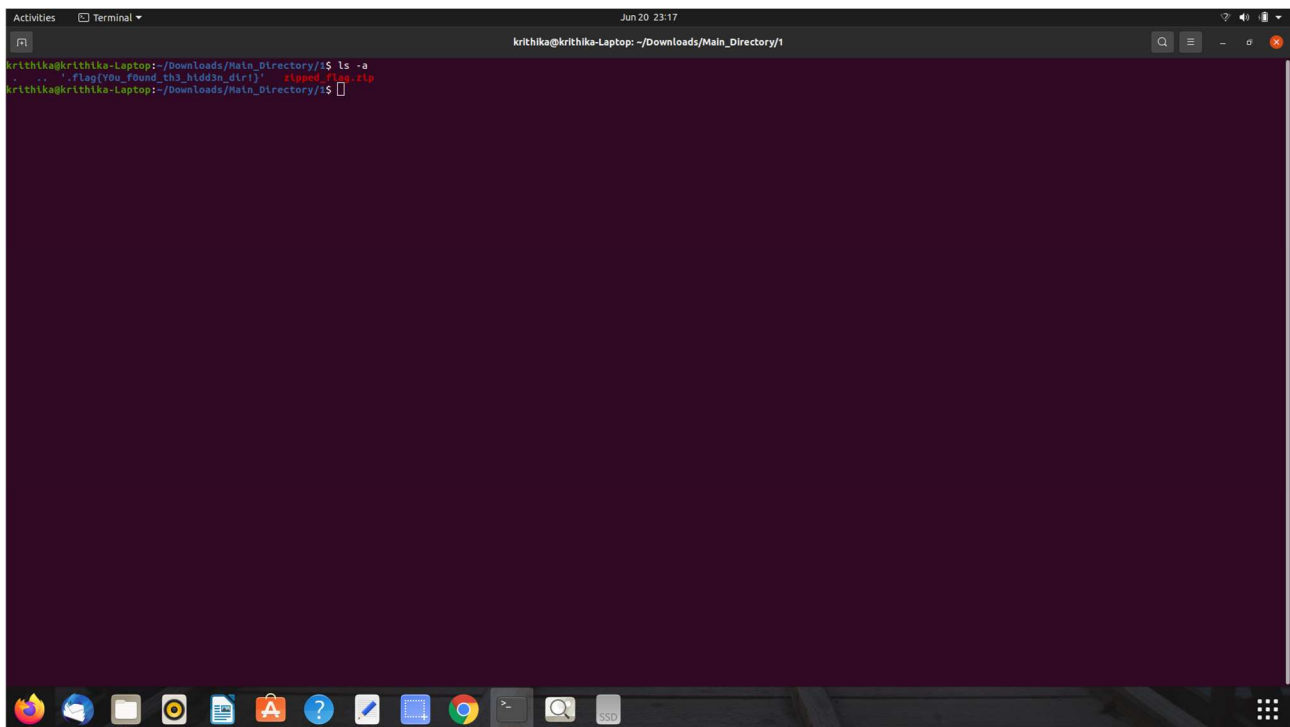
PART1:

Download the [zip file](#) in linux and extract it using tar (tar -x -f file.tar.gz) and start working.

1. **flag{f1rst_fl@g_h3r3}**

2.flag{Y0u_f0und_th3_hidd3n_dir!}

3. flag{e@5y_p@ssw0rd!}

4. flag{gr3p_f1nds_fl@gs!}

5. flag{h1dden_fil3!}

6. flag{Y0u_f0und_m3!}

7. flag{m3ow_m3ow_cat!}

8. flag{t3xt_15_n0t_h1dd3n!}

```
krithika@krithika-Laptop:~$ cd ~/Downloads/Main_Directory/5
krithika@krithika-Laptop:~/Downloads/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
krithika@krithika-Laptop:~/Downloads/Main_Directory/5$ sudo bash execute_me.sh
[sudo] password for krithika:
flag{3x3cut10n_d0n3!}
krithika@krithika-Laptop:~/Downloads/Main_Directory/5$
```

9. flag{3x3cut10n_d0n3!}


```
krithika@krithika-Laptop:~/Downloads/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
krithika@krithika-Laptop:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f
_
5
1
_
c
@
t
{
g
a
l
f
krithika@krithika-Laptop:~/Downloads/Main_Directory/5$
```

10. flag{t@c_15_fun!}

11. flag{d1ff_15_u53ful!}

PART 2

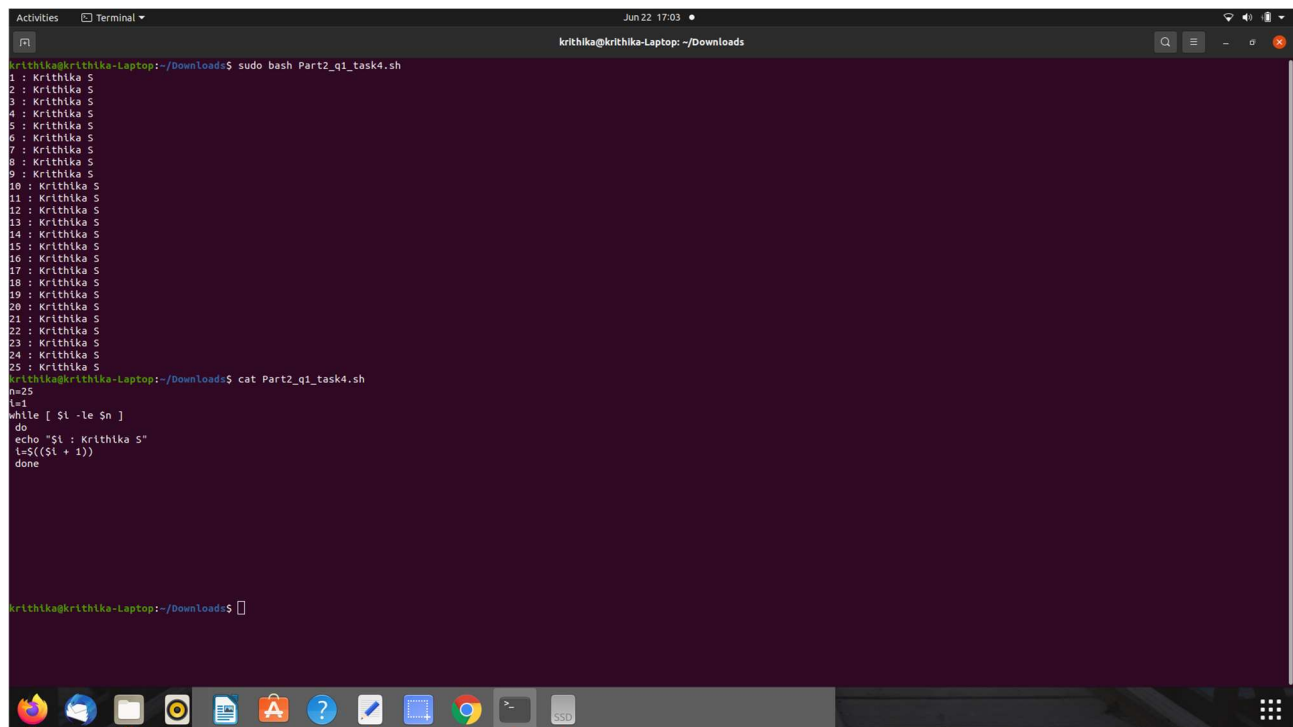**1**. Write a bash script to echo your name 25 times

CODE:

```
n=25
i=1
while [ $i -le $n ]
 do
 echo "$i : Krithika S"
 i=$(($i + 1))
 done
```

OUTPUT:

2. What command should I use to display the first 30 entries of syslog file?

$ head -30 /var/log/syslog

3. What command should I use to display the last 30 entries of syslog file?

$ tail -30 /var/log/syslog

4. What command should I use to arrange the entries of a file
    ❿ Alphabetically – *$sort list.txt*
    ❿ Reverse order - *$sort -r list.txt*
    ❿ Numerical order - *$sort -n list.txt*

5. Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is different. He sought your help. How will you sort this issue?

Assuming that the list of criminals is a txt file we can sort this issue by listing out the only entry that is unique.
$Uniq -i -u listfilename

6. What are the Three parts of file's permission?

Read, write, execute
Chmod is the command used for modifying file permissions and r-read, w-write and x-execute.

Ex: chmod +x sample.py (making the file executable)