Name: Jayanta Sikdar
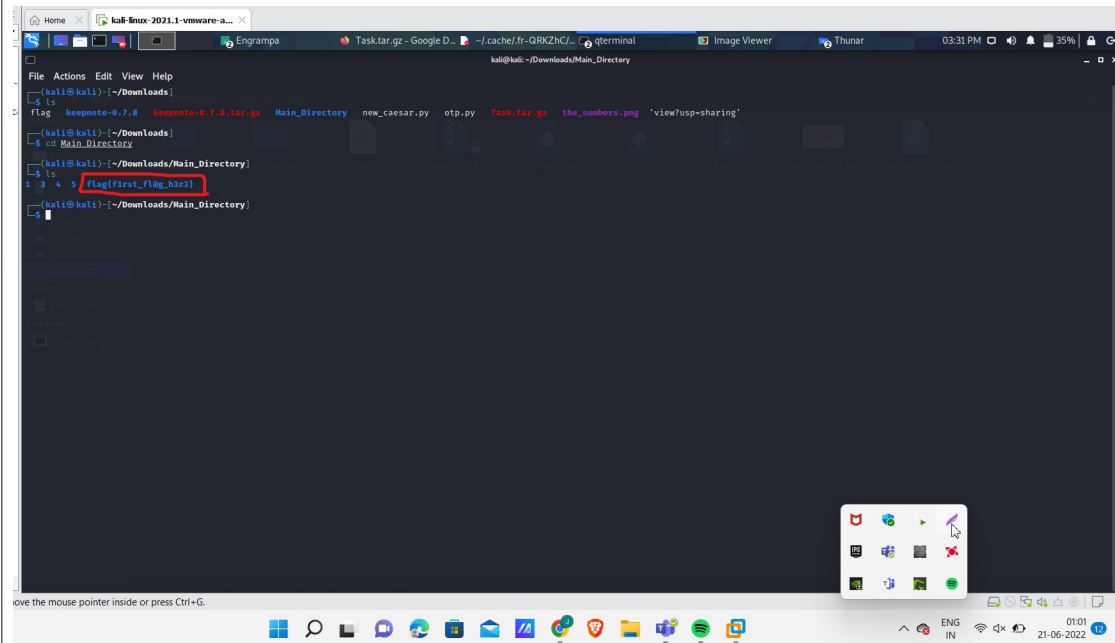**Discord: Jayanta Sikdar#0477**
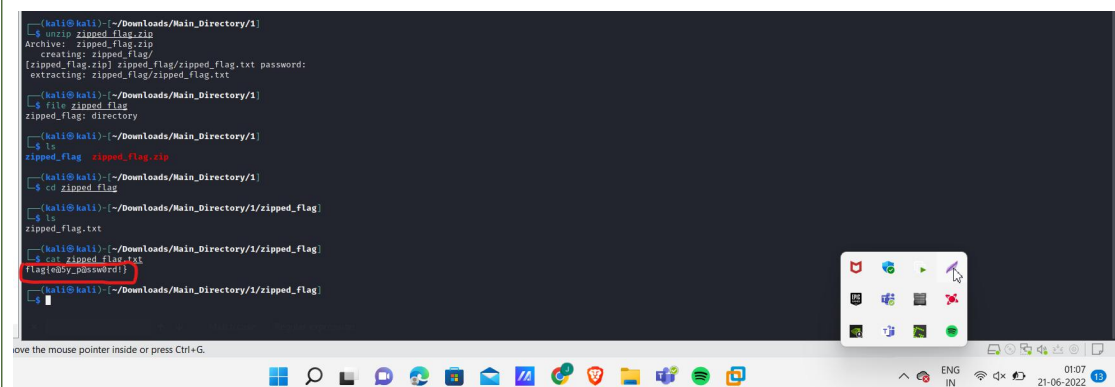
Task 4:

Part 1:

Flag 1: flag{f1rst_fl@g_h3r3}

2. Flag 2: flag{e@5y_p@ssw0rd!}

3. Flag 3: flag{gr3p_f1nds_fl@gs!}

4. Flag 4 : flag{Y0u_f0und_m3!}

5. Flag 2: flag{m3ow_m3ow_cat!}

6. Flag 6: flag{t@c_ 15_ fun!}

7. Flag 7: flag{3x3cut10n_d0n3!}

8. Flag 8: flag{Y0u_f0und_th3_hidd3n_dir!}

9. Flag 4: flag{h1dden_fil3!}

10. Flag 10: flag{t3xt_15_n0t_h1dd3n!}
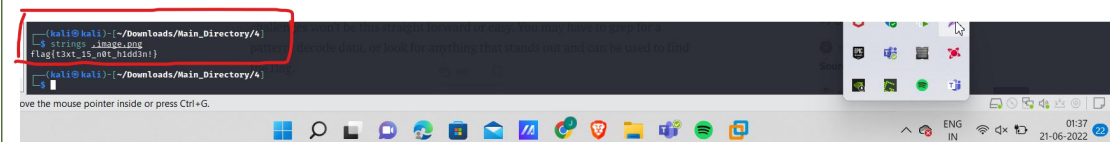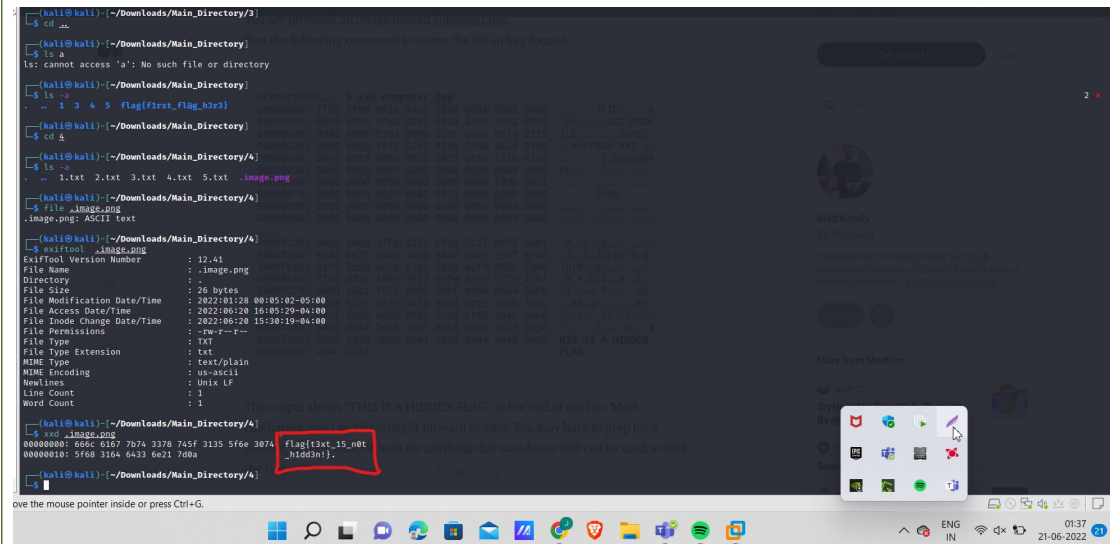
11. Flag 11: flag{d1ff_15_u53ful!}
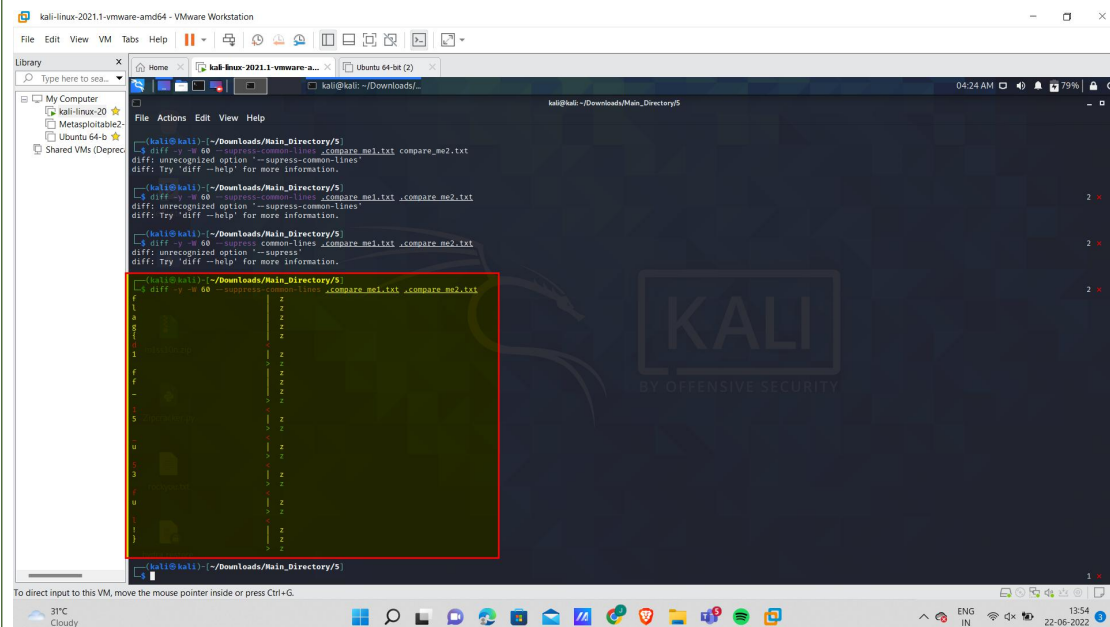
part 2

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

Bash script:

```
for (( i=0 ; 1<25; i++)) ;
do echo "Jayanta Sikdar" ;
done
```
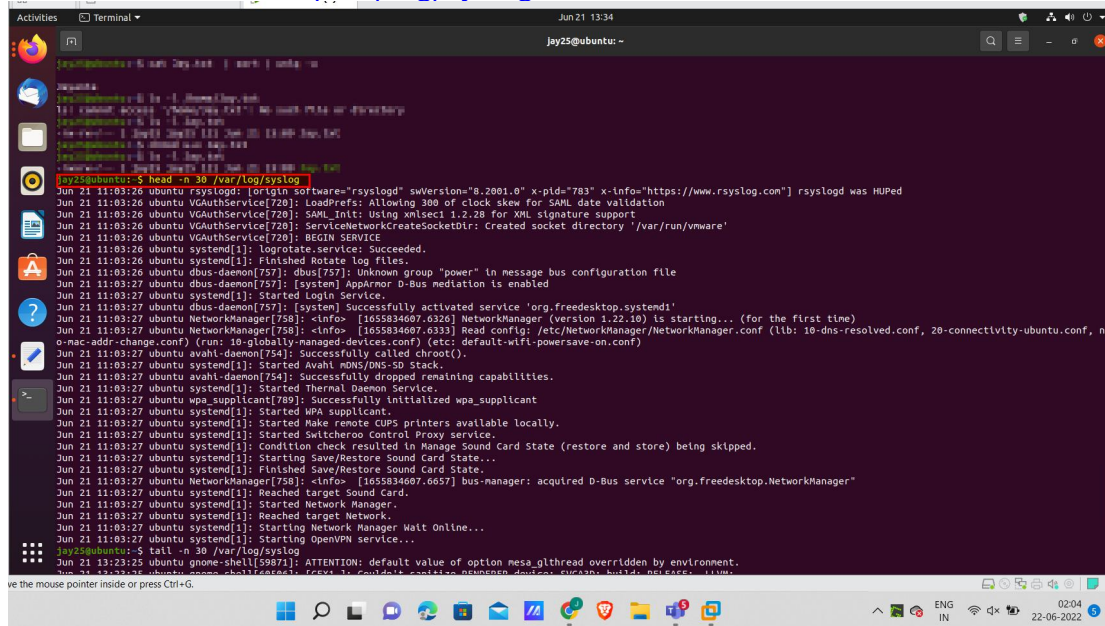

Output:

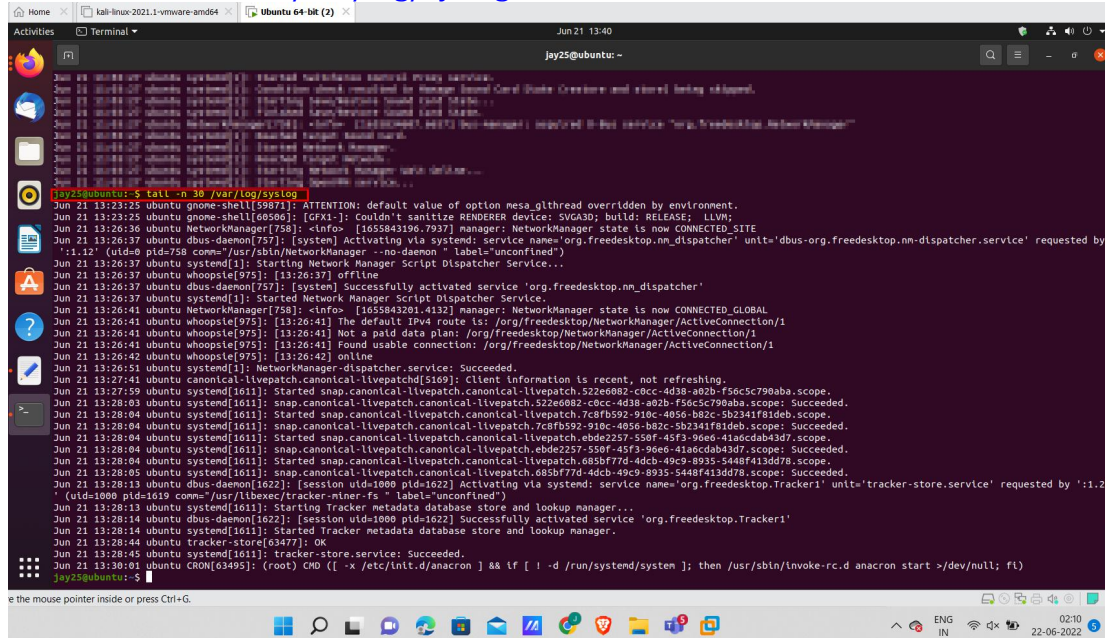2. What command should I use to display the first 30 entries of syslog file?

Command: head -n 30 /var/log/syslog

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

Command: tail -n 30 /var/log/syslog

4. What command should I use to arrange the entries of a file

● **Alphabetically**

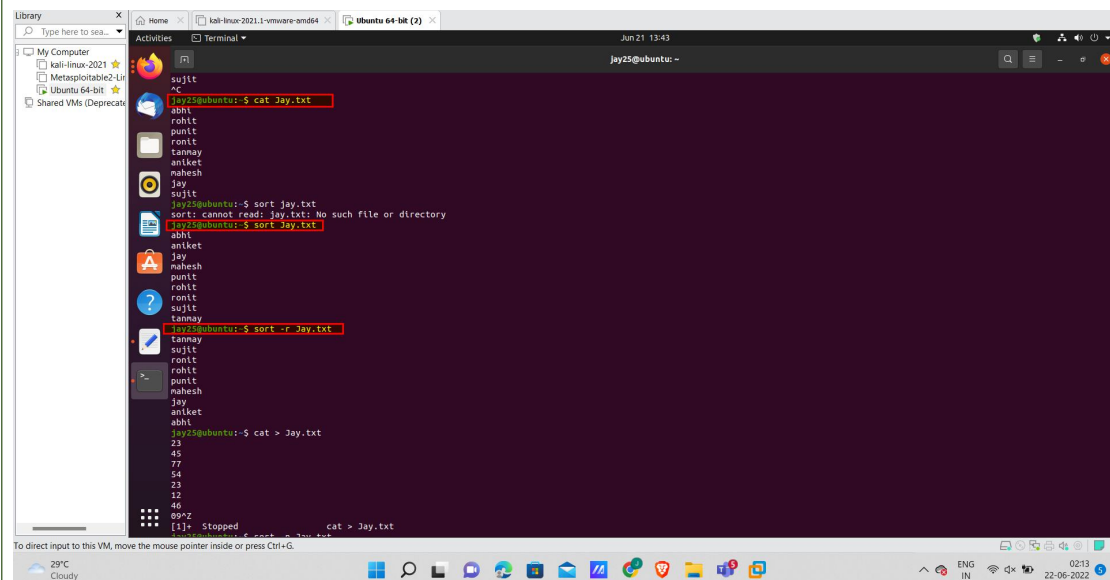Command: sort filename.txt
Eg: sort Jay.txt

● **Reverse order**

Command: sort -r filename.txt
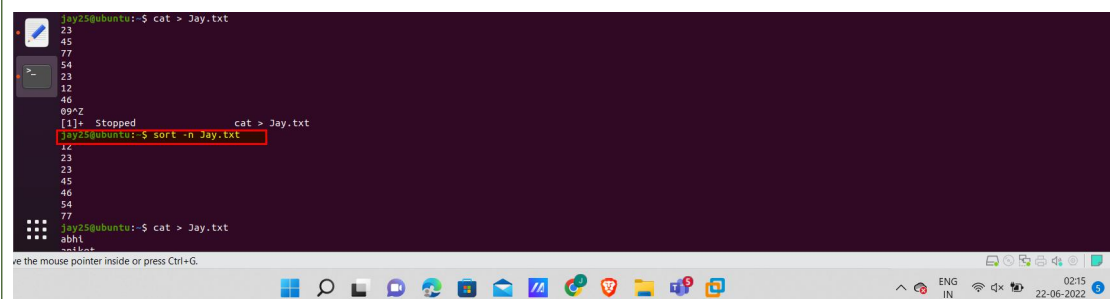Eg: sort -r Jay.txt

● **Numerical order**

Command: sort -n filename.txt
Eg: sort -n Jay.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?

Command to sort the issue:
cat filename.txt | sort | uniq -u
Eg:
cat Jay.txt | sort | uniq -u

6. What are the Three parts of file's permission?
Three permissions are:
Read (r)
Write (w)
Execute(x)

We use **ls -l filename** to see the permission of the files

To change the file permission we use **chmod** command

- File permissions of **Jay.txt**
- To give the user execute permission to user I have used **chmod u+x Jay.txt**