Cognizance club:

Task -5

NAME:kotta praful ranganath

Roll no:ch.en.u4cce2102

TASKS

PART 1:

What IS A FLAG?
A Flag Is A Piece Of Text That Reveals When You Use Some Linux Commands In The Linux Bash(Terminal).

You are provided with a zip file which has numerous flags hidden inside it. You need to find the flags to earn points.

> The flag format: flag{Th1s_i5_h0w_@_fl4g_look5}.

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

More the number of flags you find the more points you will score. There are 11 flags in total. Try to find all.

Screenshot should be provided of every new command that you encounter. Valid flag submission is only through the screenshot. The screenshot should have the complete screen along with date and time.

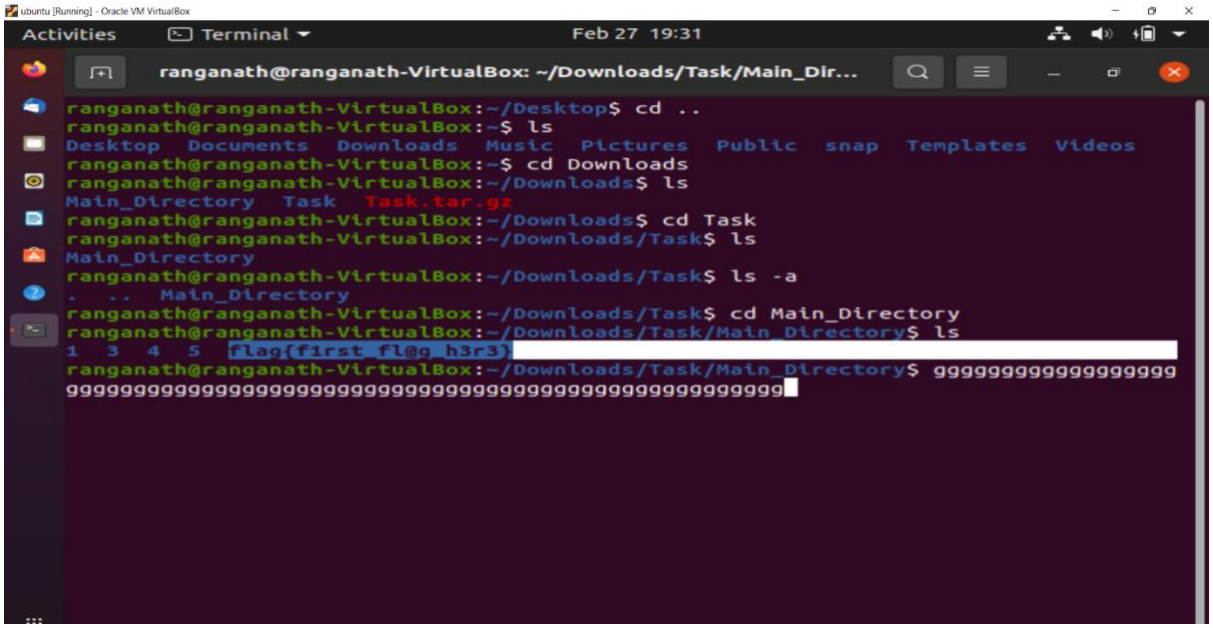
PART 2:

Part two contains questions that requires the correct command for the desired result as specified in the question. Please enter the correct command under each question in your pdf.

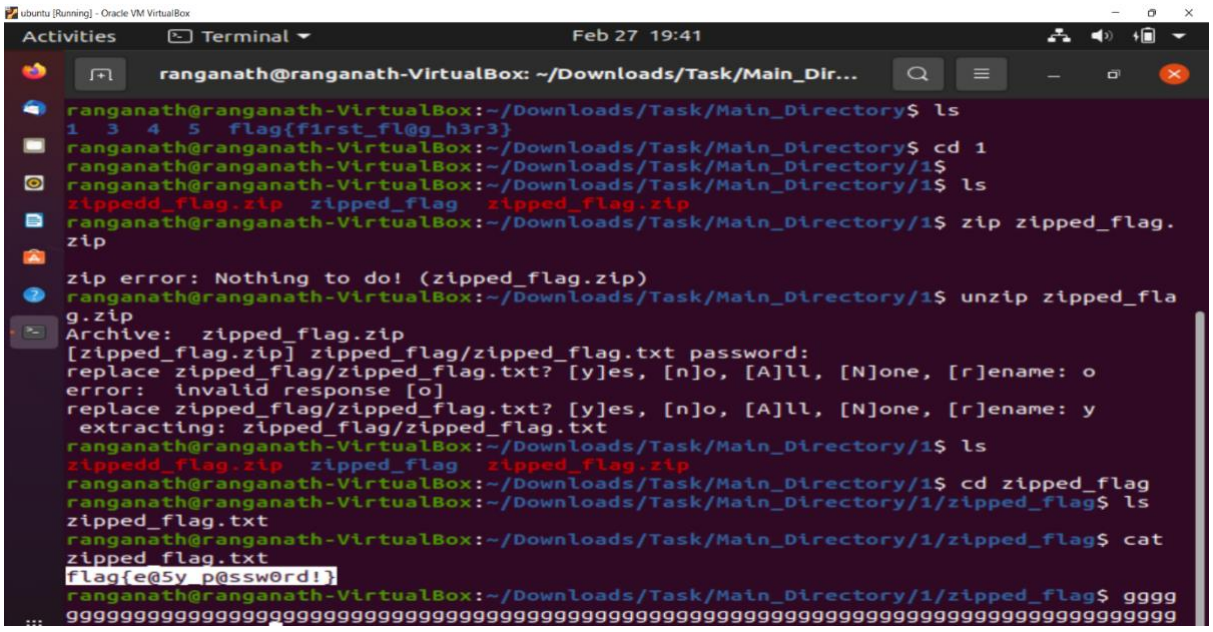
Questions:

- Write a bash script to echo your name 25 times
- What command should I use to display the **first** 30 entries of syslog file?
- What command should I use to display the **last** 30 entries of syslog file?
- What command should I use to arrange the entries of a file
  - Alphabetically
  - Reverse order
  - Numerical order
- 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?
- What are the Three parts of file's permission?

Part 1

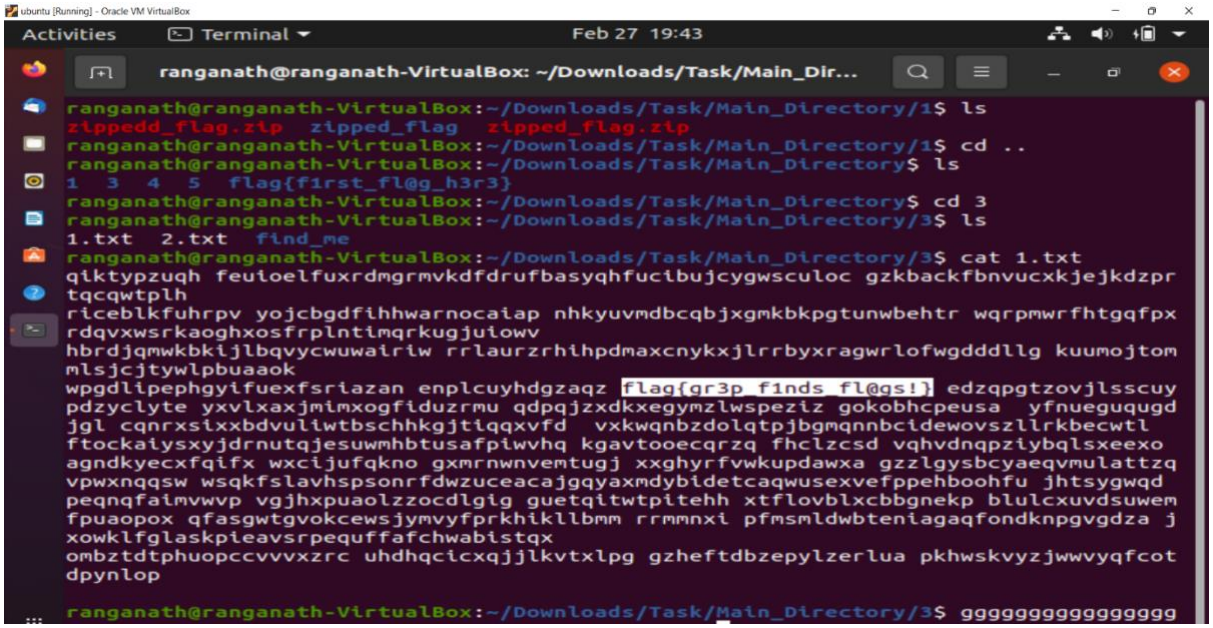


Flag 1 flag{first_fl@g_h3r3}

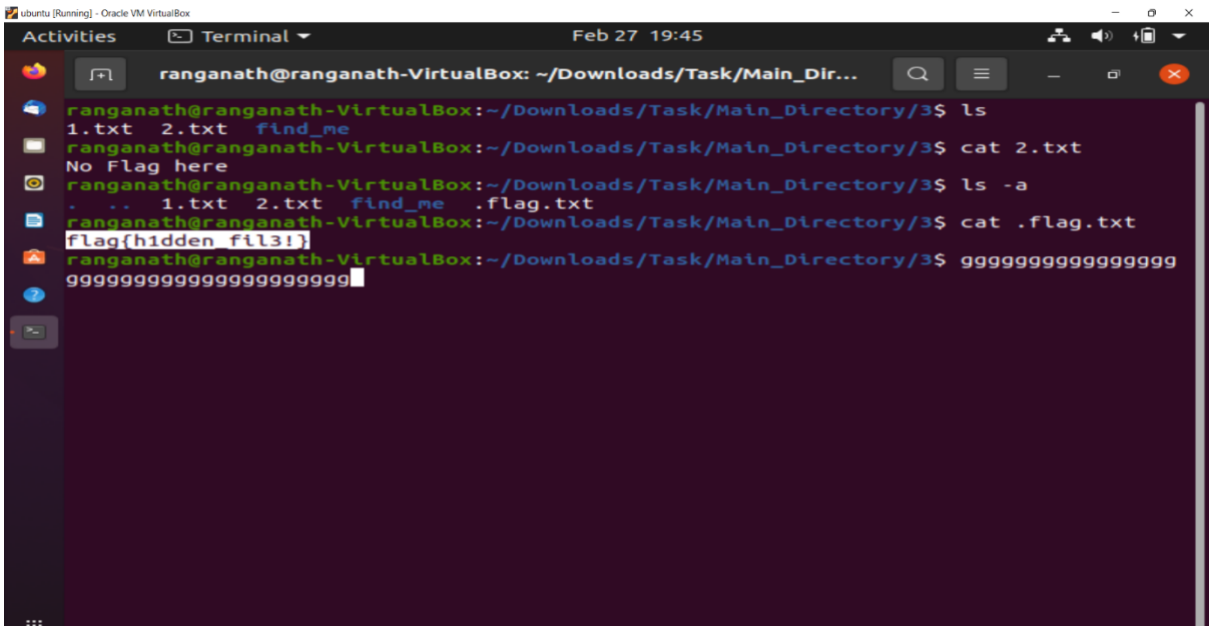


Flag 2

Flag{e@sy _p@ssword!}

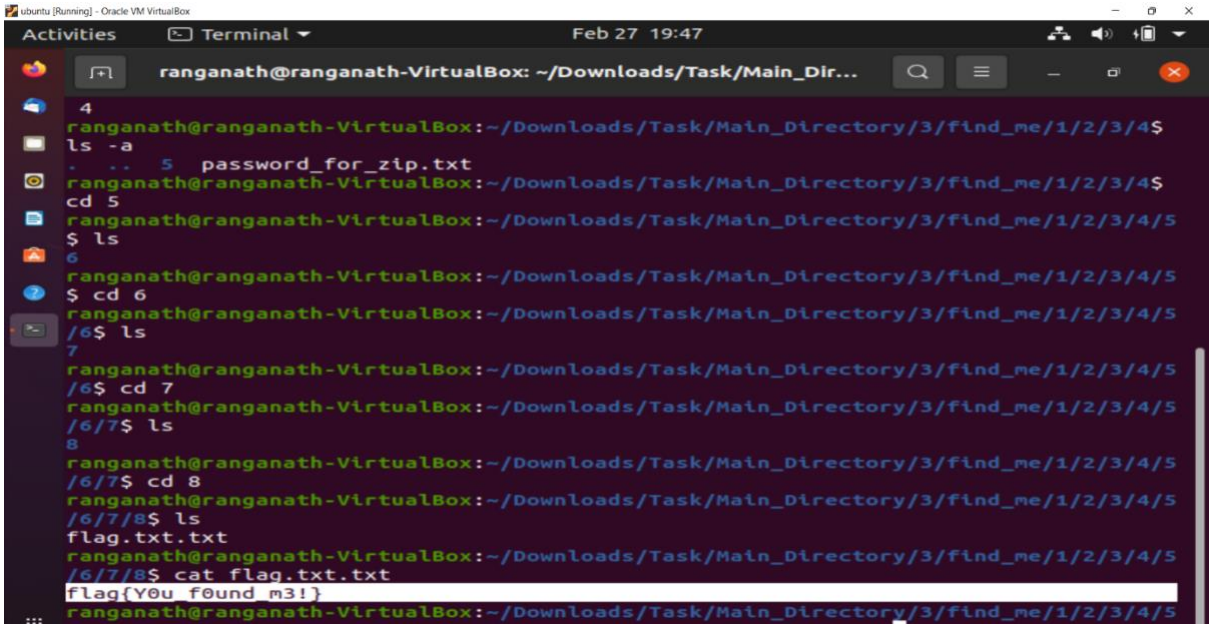


Flag 3: flag{gr3p_finds_fl@gs!}



Flag 4: flag{hidden_fil3!}

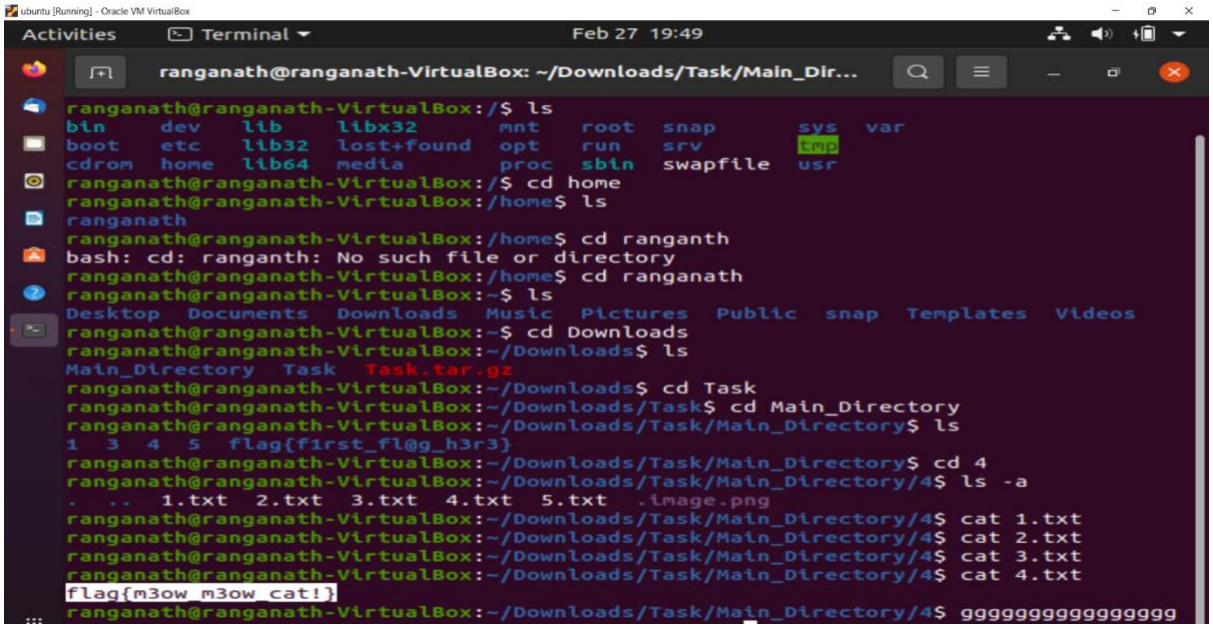
Commands ls -a to show hidden files



Flag 5 flag{you_found_m3!}

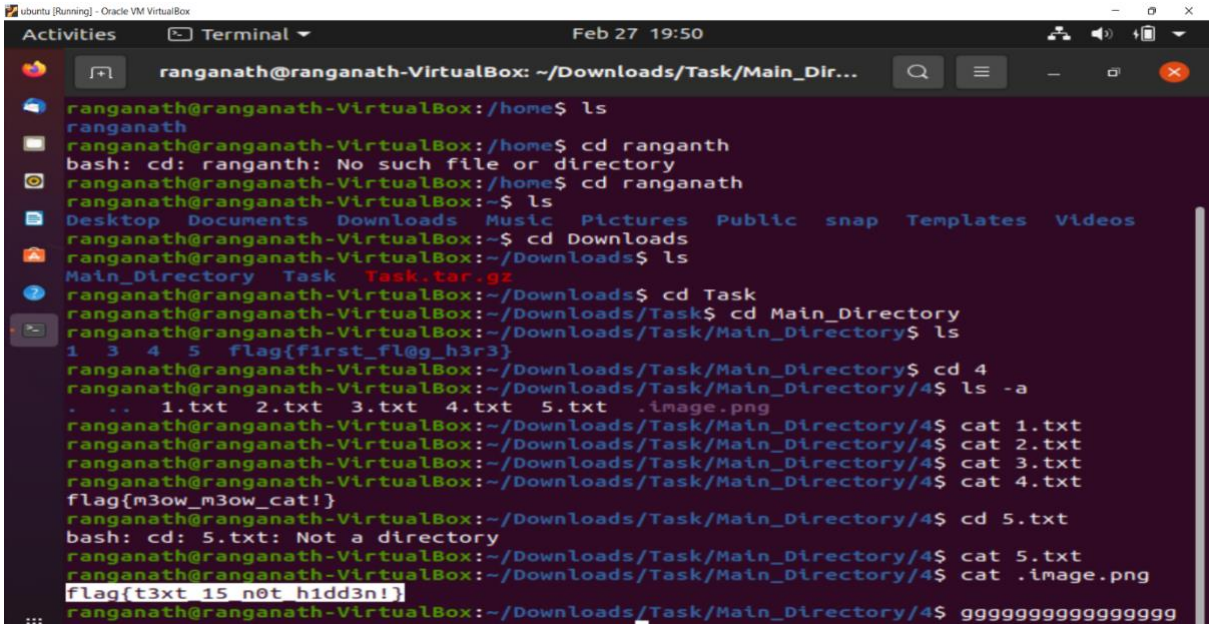
Commands ls -a ,cd

Cat to read the txt files

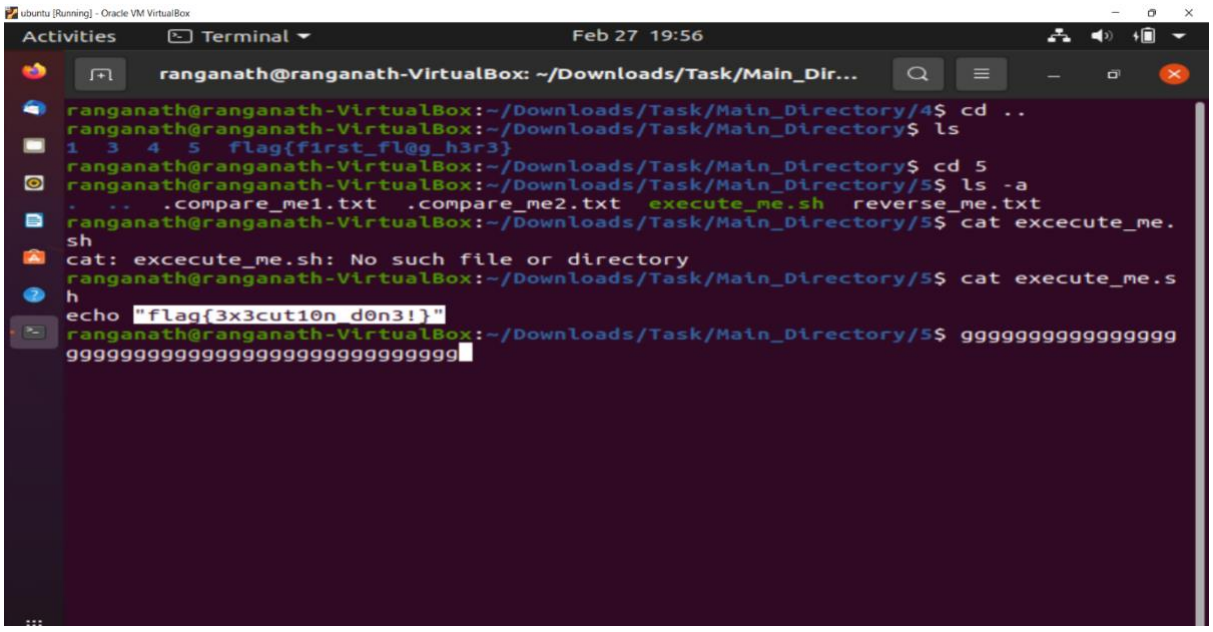


Flag 6 flag{m3ow _m3ow_cat!}

Commands cd , ls-a,cat



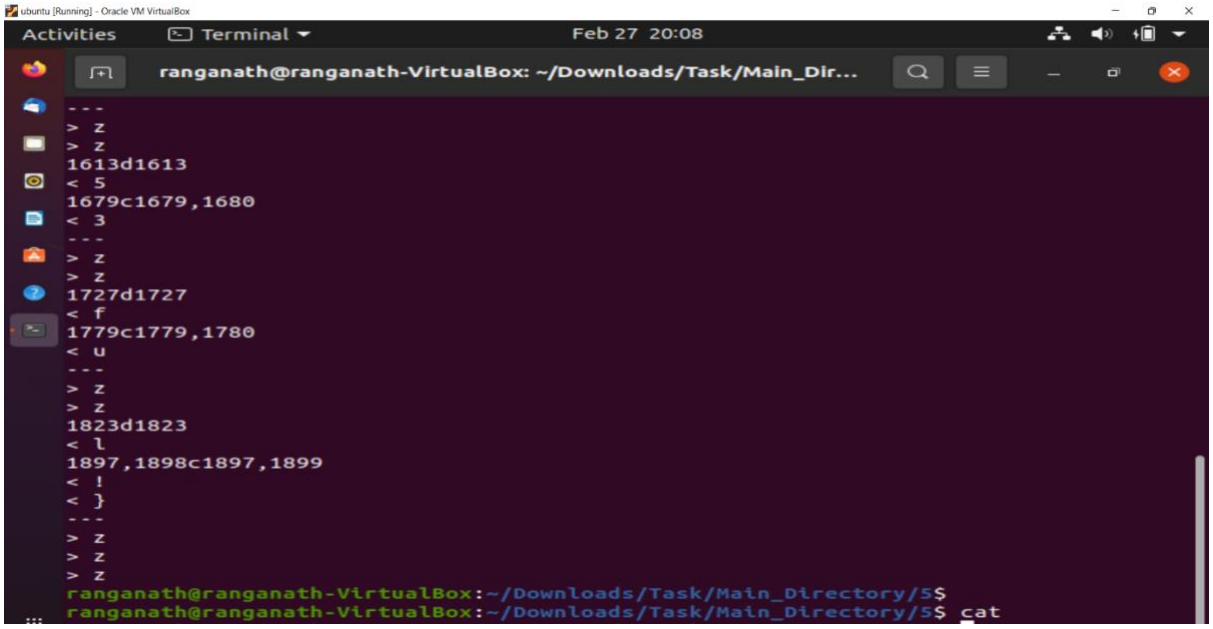
Flag 7 flag{t3xt_15_not_h1dd3n!}

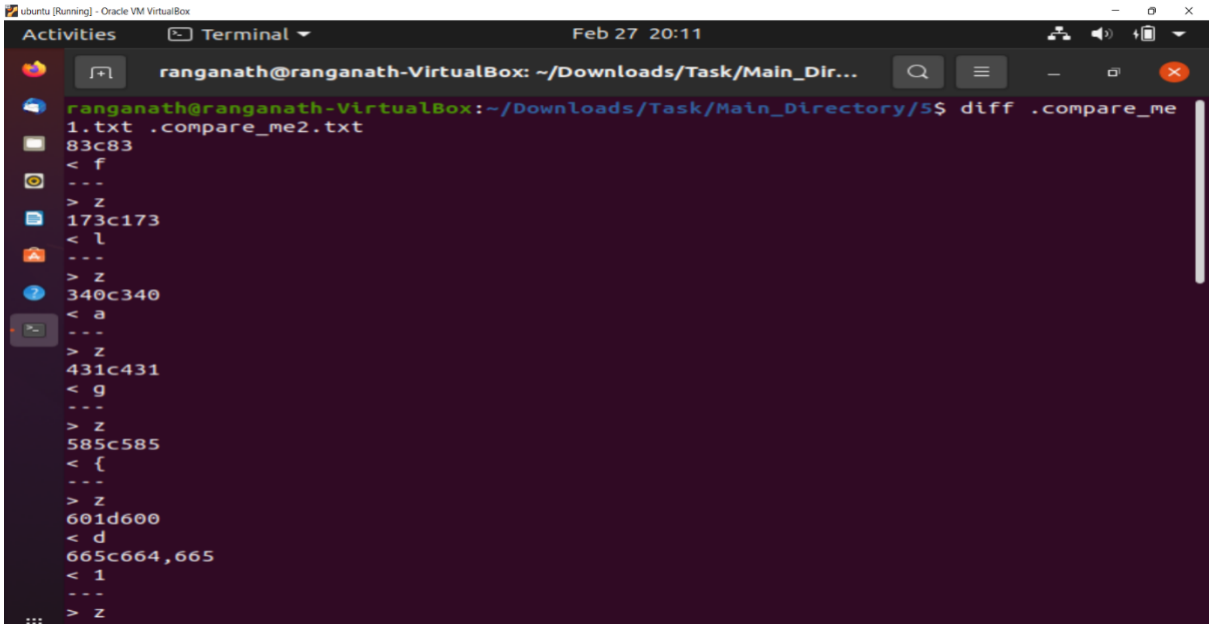


Flag 8 “flag{3x3cut10n3!}”

Flag 9 flag{t@c_15_fun!}

Commands tac and cat to read the file




ubuntu [Running] - Oracle VM VirtualBox
Activities
Terminal
Feb 27 20:11
ranganath@ranganath-VirtualBox: ~/Downloads/Task/Main_Dir...
ranganath@ranganath-VirtualBox:~/Downloads/Task/Main_Directory/5$ diff .compare_me
1.txt .compare_me2.txt
83c83
< f

> z
173c173
< l

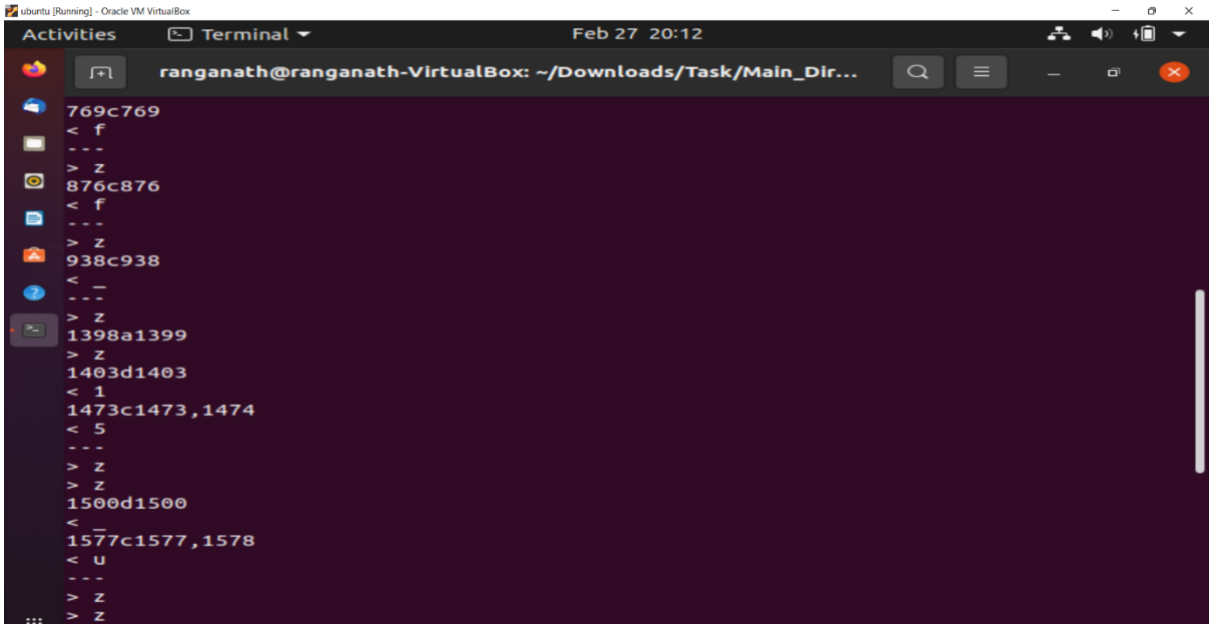
> z
340c340
< a

> z
431c431
< g

> z
585c585
< {

> z
601d600
< d
665c664,665
< 1

> z


ubuntu [Running] - Oracle VM VirtualBox
Activities
Terminal
Feb 27 20:12
ranganath@ranganath-VirtualBox: ~/Downloads/Task/Main_Dir...
769c769
< f

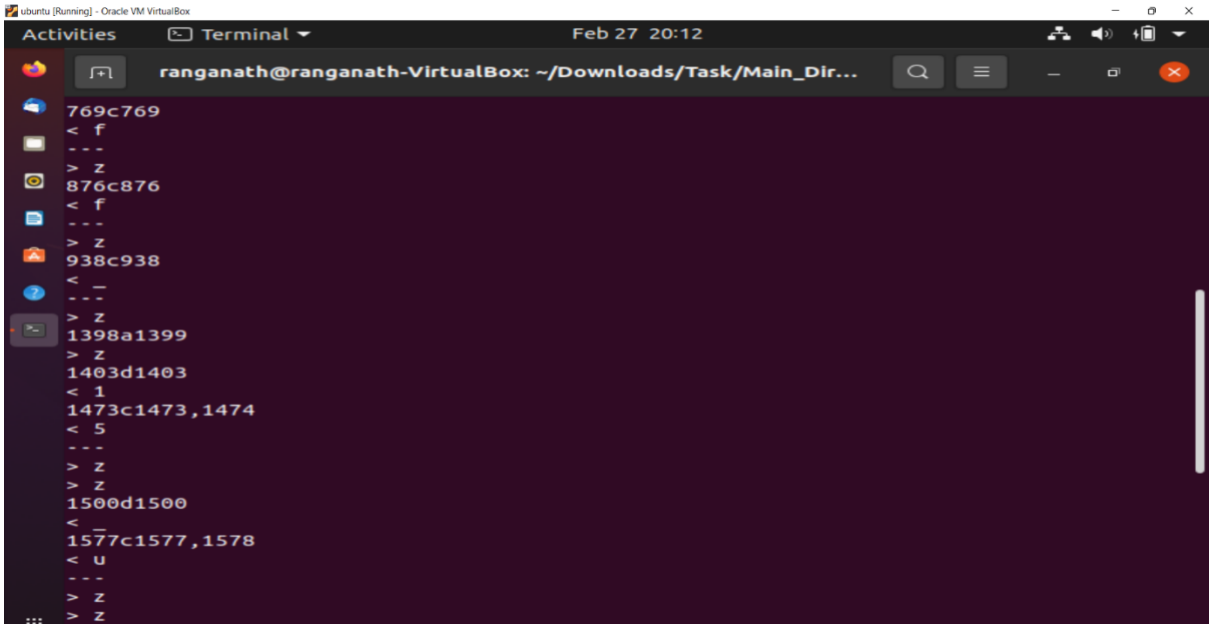
> z
876c876
< f

> z
938c938
< _

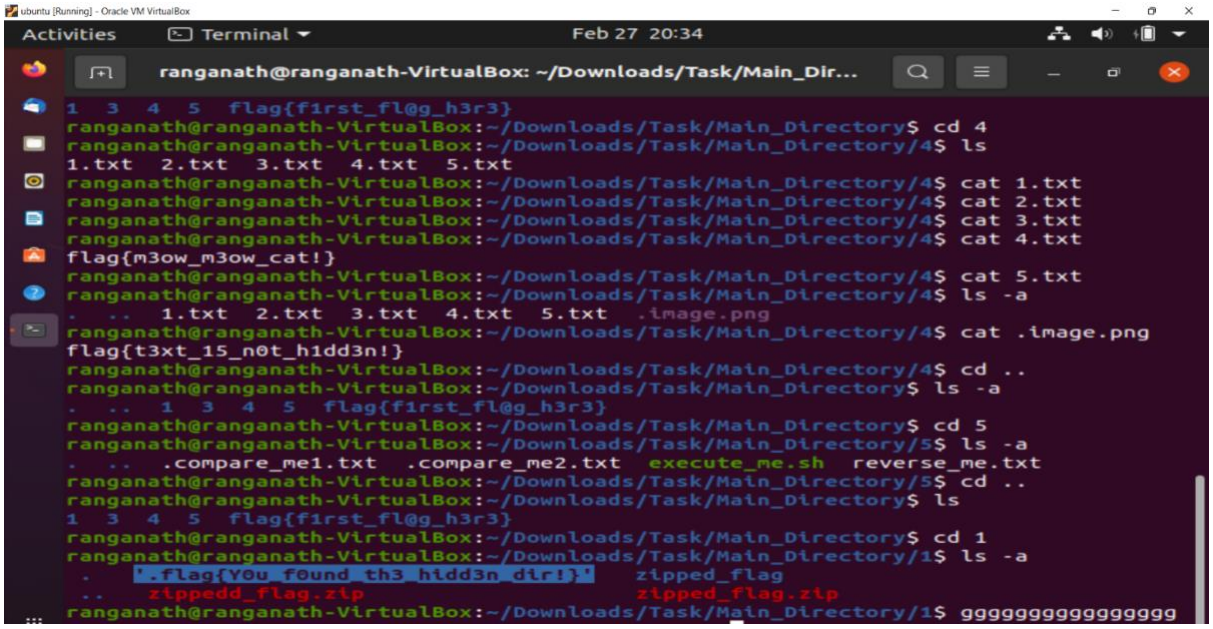
> z
1398a1399
> z
1403d1403
< 1
1473c1473,1474
< 5

> z
> z
1500d1500
< _
1577c1577,1578
< u

> z
> z



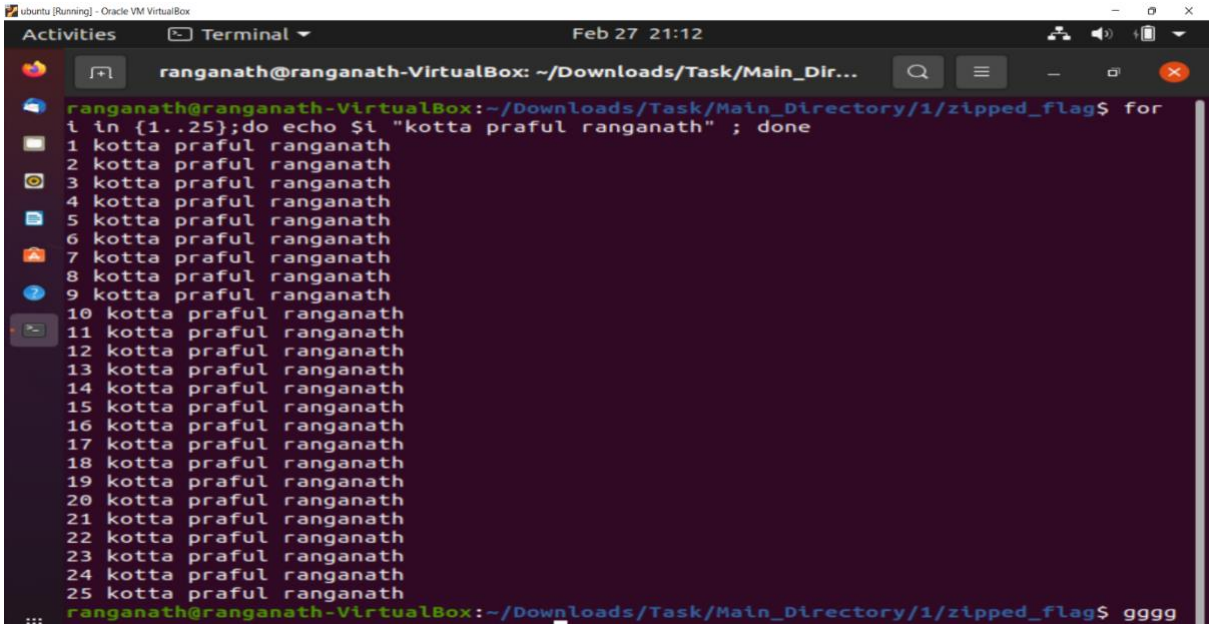
Flag 10 : flag{d1ff_ 15_u53ful!}



Flag 11: '.flag{you__th3_hidd3n_dir!}'

Part 2

```
Write a bash script to echo your name 25 times
```



2)

- What command should I use to display the **first** 30 entries of syslog file?

2ans) Head/var/log/syslog -n30

- What command should I use to display the **last** 30 entries of syslog file?

3ans) tail/var/log/file n-30

Ans for printing my name 25 times

2)

- What command should I use to display the **first** 30 entries of syslog file?

2ans)Head/var/log/syslog

- What command should I use to display the **last** 30 entries of syslog file?

3ans) tail/var/log/file

- 4 What command should I use to arrange the entries of a file
  - Alphabetically
  - Reverse order
  - Numerical order

4 ans 1 ans) sort file_name

2 ans) sort -r file_name

3 ans) sort -n file _name

- 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 1 : sort -u file_name => This command deletes the duplicates and sort the names in alphabetical order.

Command 2 : sort file_name | uniq => This is a piped command where sort command is piped with uniq command. This command also deletes duplicates and sorts the names in alphabetical order.

- What are the Three parts of file's permission?

o Read permission (denoted by r)

o Write permission (denoted by w)