

Cognizance

Task -5

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Roll Num: 21223

PART-1

Flag -1 : flag{f1rst_fl@g_h3r3}

```
s Terminal Feb 27 17:28
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Directory

sriharika@sriharika-VirtualBox:~$ cd Downloads
sriharika@sriharika-VirtualBox:~/Downloads$ ls
Task.tar.gz
sriharika@sriharika-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
sriharika@sriharika-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
```

Flag-2 : flag{Y0u_f0und_th3_hidd3n_dir!}

```
s Terminal Feb 27 17:29
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Directory

sriharika@sriharika-VirtualBox:~$ cd Downloads
sriharika@sriharika-VirtualBox:~/Downloads$ ls
Task.tar.gz
sriharika@sriharika-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
sriharika@sriharika-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
sriharika@sriharika-VirtualBox:~/Downloads$ cd Main_Directory
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 1
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1$ unzip zipped_flag.
zip
Archive:  zipped_flag.zip
  creating:  zipped_flag/
[zipped_flag.zip] zipped_flag/zipped_flag.txt password:
password incorrect--reenter:
password incorrect--reenter: sriharika@sriharika-VirtualBox:~/Downloads/Main_Di
rectory/1$ cd ..
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 1
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1$ ls -la
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip
```

Flag-3 : flag{gr3p_f1nds_fl@gs!}

```
Terminal Feb 27 17:30
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Directory
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 3
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzugh feuoelfuxrdmrgmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejd
zpqrtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcbjxgmkbkpgtunwbeht rqrpmwrfhtgq
fpxrdqvwsrkaoghxosfrplntimqrkugjuiov
hbrdjmqwbkijlbqvycwuwairw rrlaurzrhphdmaxcnykxjlrrbyxragwrlofwgdddlg kuumoj
tommlsjcjtywlpbuaaok
wpgdlpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlss
cuypdzyclyte yxvlxaxjmixogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnue
guqugdjgl cqnrxsxxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdolqtpjbgmqnnbcidewovszllr
kbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtooecqrzq fhclzcsd vqhvdnqpziybqlsxee
xo agndkyecxfqifx wxcijufqkno gxmnrnwvemtugj xxghyrfvwkupdawxa gzzlgysbcyaevmu
lattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajggyaxmdybidetcaqwusexvefppehboohfu j
htsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp bl
ulcxuvdsuwemfpuaopox qfasgwtgvokcewsjymvyfprkhikllbmm rrmnxi pfmsmldwbteniagaa
fondknpvgvda jxowklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvxzrc uhdhqcicxqjjlkvtxlpq gzheftdbzepylzerlua pkhwskvyzjwwvyqf
cotdpynlop

sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep f
lag
wpgdlpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlss
cuypdzyclyte yxvlxaxjmixogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnue
guqugdjgl cqnrxsxxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdolqtpjbgmqnnbcidewovszllr
kbecwtl
```

```
Terminal Feb 27 17:32
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Directory

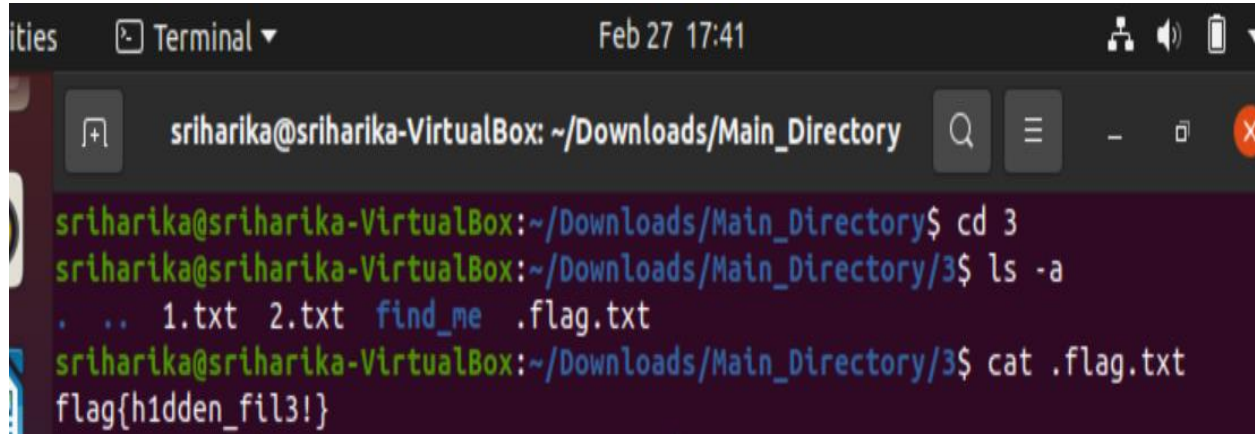
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep f
lag
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlss
cuydpdzyclyte yxvlxaxjminxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeusa yfnue
guqugdjgl cqnrxsixxbdvlwtbschhkgjtiqqxvfd vxkwqnbzdolqtpjbgmqnnbcidewovszllr
kbecwtl
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ cd find_me
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me$ ls
1
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd 1
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ ls
2
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd 2
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ca
t password_for_zip.txt
zip_file_huh?
```

Flag -4 : flag{Y0u_found_m3!}

```
Terminal Feb 27 17:33
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Directory

sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd
5
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$
ls
6
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$
cd 6
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6
$ ls
7
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6
$ cd 7
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6
/7$ ls
8
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6
/7$ cd 8
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6
/7/8$ ls
flag.txt.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6
/7/8$ cat flag.txt.txt
flag{Y0u_found_m3!}
```

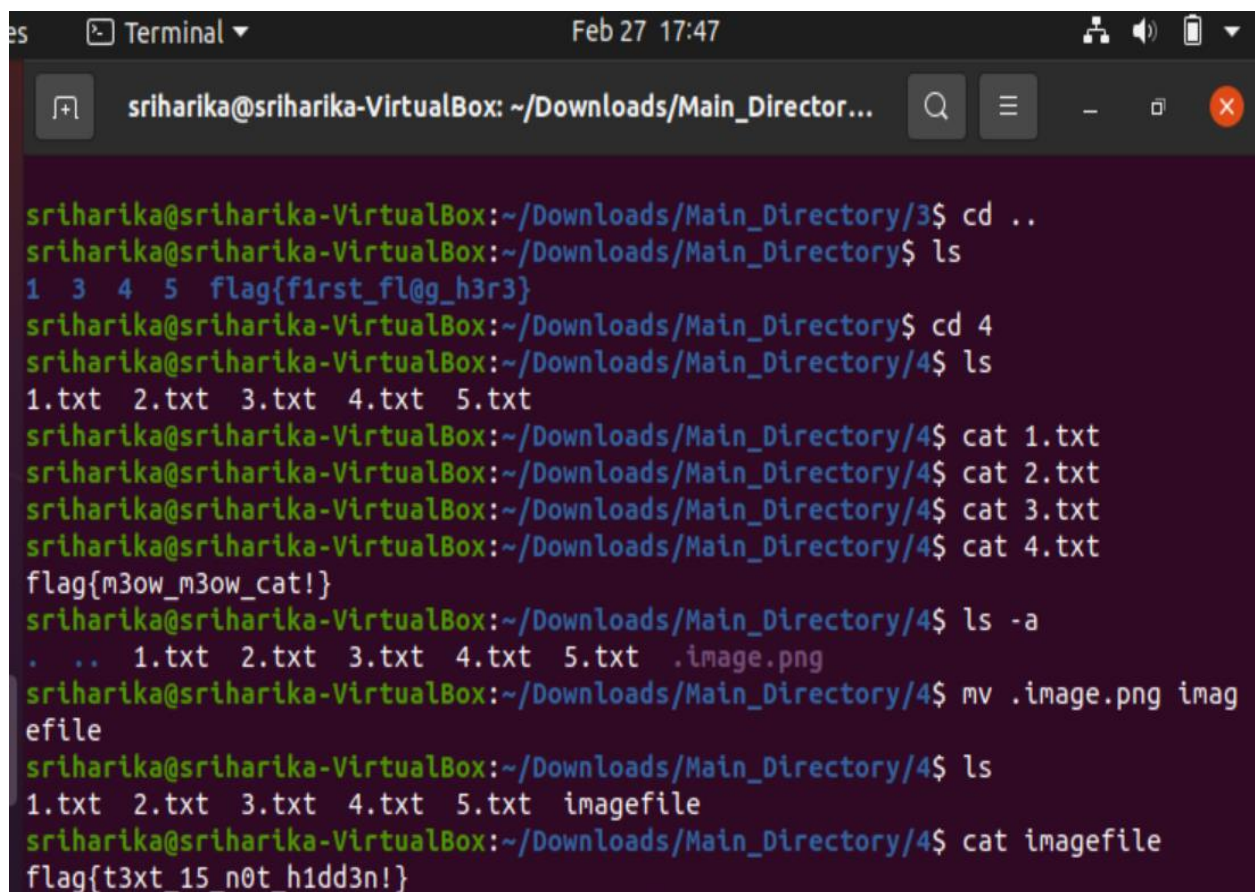

Flag-5 : flag{h1dden_fil3!}

A terminal window titled 'Terminal' with a date and time of 'Feb 27 17:41'. The window shows a user named 'sriharika' in a 'VirtualBox' environment. The current directory is '~/Downloads/Main_Directory'. The user enters 'cd 3' to move into a subdirectory. Then, they run 'ls -a' which lists the contents: '.', '..', '1.txt', '2.txt', 'find_me', and '.flag.txt'. Finally, they run 'cat .flag.txt' which displays the flag 'flag{h1dden_fil3!}'.

```
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Directory
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 3
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
```

Flag-6: flag{m3ow_m3ow_cat!}

Flag-7: flag{t3xt_15_not_h1dd3n!}

A terminal window titled 'Terminal' with a date and time of 'Feb 27 17:47'. The user 'sriharika' is in a 'VirtualBox' environment. The current directory is '~/Downloads/Main_Director...'. The user enters 'cd ..' to move to the parent directory. Then, they run 'ls' which lists: '1', '3', '4', '5', 'flag{first_flg_h3r3}', and 'flag{m3ow_m3ow_cat!}'. Next, they enter 'cd 4'. Then, they run 'ls' which lists: '1.txt', '2.txt', '3.txt', '4.txt', and '5.txt'. They then run 'cat 1.txt', 'cat 2.txt', 'cat 3.txt', and 'cat 4.txt' in sequence, which all output empty lines. Then, they run 'ls -a' which lists: '.', '..', '1.txt', '2.txt', '3.txt', '4.txt', '5.txt', and '.image.png'. Finally, they run 'mv .image.png imagefile'. Then, they run 'ls' which lists: '1.txt', '2.txt', '3.txt', '4.txt', '5.txt', and 'imagefile'. Finally, they run 'cat imagefile' which displays the flag 'flag{t3xt_15_not_h1dd3n!}'.

```
sriharika@sriharika-VirtualBox:~/Downloads/Main_Director...$ cd ..
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ ls
1  3  4  5  flag{first_flg_h3r3}
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 4
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt  2.txt  3.txt  4.txt  5.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ cat 2.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ cat 3.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
.  ..  1.txt  2.txt  3.txt  4.txt  5.txt  .image.png
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ mv .image.png imagefile
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt  2.txt  3.txt  4.txt  5.txt  imagefile
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ cat imagefile
flag{t3xt_15_not_h1dd3n!}
```

Flag-8 : flag{t@c_15_fun!}

```
es Terminal Feb 27 17:50
sriharika@sriharika-VirtualBox: ~/Downloads/Main_Director...
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/4$ cd ..
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 5
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  reverse_me.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt
> new_me.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  new_me.txt  reverse_me.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ cat new_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ tr -d '\n' < new_me.txt
flag{t@c_15_fun!}sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$
```

Flag-9 : flag{3x3cut10n_d0n3!}

```
e.txt  
flag{t@c_15_fun!}sriharika@sriharika-VirtualBox: ~/Downloads/Main_Director...  
s -a  
. .compare_me1.txt execute_me.sh reverse_me.txt  
.. .compare_me2.txt new_me.txt  
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ sh execute_me.sh  
flag{3x3cut10n_d0n3!}  
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ cat .compare_me1.t  
xt  
z  
z  
z  
z  
z  
z  
z  
  
Terminal  
z  
z  
z  
z  
z  
z  
z  
z  
z
```

Flag – 10: flag{d1ff_c0mm@nd15_u53ful!}

```
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
Z  
!  
}  
  
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/5$ tr -d 'z\n' < .compare_me1.txt  
flag{diff_c0mm@nd15_u53ful!}sriharika@sriharika-VirtualBox:~/Downloads/Main_Dir  
ectory/5$
```

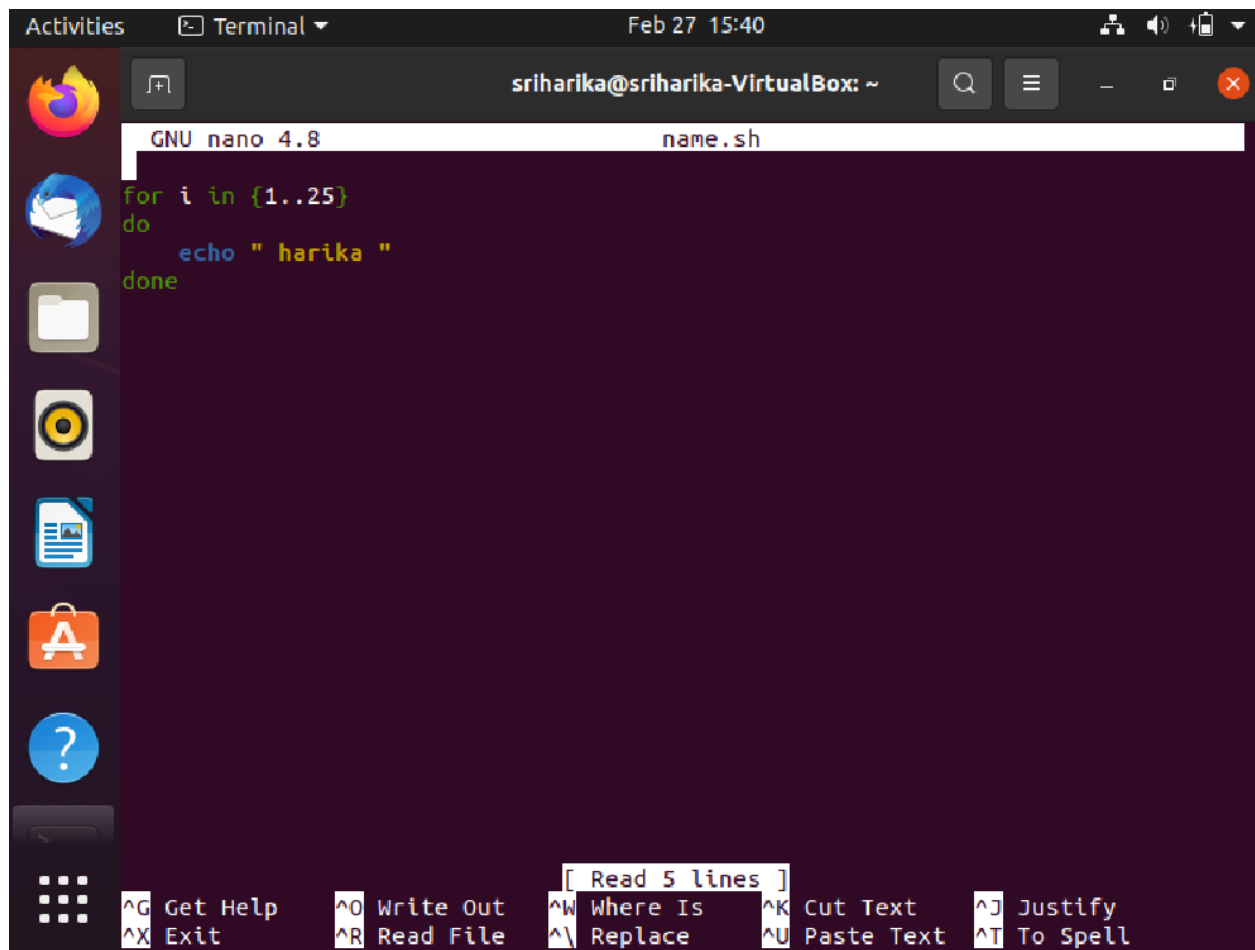

Flag-11 : flag{e@5y_p@ssw0rd!}

```
ities  Terminal ▾ Feb 27 18:54
sriharika@sriharika-VirtualBox: /
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory$ cd 1
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1$ unzip zipped_flag.
zip
Archive:  zipped_flag.zip
[zipped_flag.zip] zipped_flag/zipped_flag.txt password:
password incorrect--reenter:
password incorrect--reenter:
  extracting: zipped_flag/zipped_flag.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
sriharika@sriharika-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zi
pped_flag.txt
flag{e@5y_p@ssw0rd!}
```

PART -2

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

```
sriharika@sriharika-VirtualBox:~$ nano name.sh
```



```
GNU nano 4.8 name.sh
for i in {1..25}
do
    echo " harika "
done
```

[Read 5 lines]

^G Get Help	^O Write Out	^W Where Is	^K Cut Text	^J Justify
^X Exit	^R Read File	^V Replace	^U Paste Text	^T To Spell

```
sriharika@sriharika-VirtualBox:~$ nano name.sh
sriharika@sriharika-VirtualBox:~$ chmod +x name.sh
sriharika@sriharika-VirtualBox:~$ ./name.sh
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
```

```
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
harika
```

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

head -n 30 /var/log/syslog

```
sriharika@sriharika-VirtualBox:~$ head -n 30 /var/log/syslog
Feb 27 13:21:02 sriharika-VirtualBox kernel: [    0.000000] Linux version 5.13.0-30-generic (buildd@lcy02-amd64-003) (gcc (Ubuntu 9.3.0-17ubuntu1~20.04) 9.3.0, GNU ld (GNU Binutils for Ubuntu) 2.34) #33~20.04.1-Ubuntu SMP Mon Feb 7 14:25:10 UTC 2022 (Ubuntu 5.13.0-30.33~20.04.1-generic 5.13.19)
Feb 27 13:21:02 sriharika-VirtualBox kernel: [    0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-5.13.0-30-generic root=UUID=5d371138-941e-44a5-8023-8e629f03258a ro quiet splash
Feb 27 13:21:02 sriharika-VirtualBox systemd[1]: Starting Flush Journal to Persistent Storage...
Feb 27 13:21:02 sriharika-VirtualBox systemd[1]: modprobe@drm.service: Succeeded.
Feb 27 13:21:02 sriharika-VirtualBox systemd[1]: Finished Load Kernel Module drm.
Feb 27 13:21:02 sriharika-VirtualBox systemd-modules-load[238]: Inserted module 'lp'
Feb 27 13:21:02 sriharika-VirtualBox systemd[1]: Finished Load/Save Random Seed.
Feb 27 13:21:02 sriharika-VirtualBox systemd-modules-load[238]: Inserted module 'ppdev'
Feb 27 13:21:02 sriharika-VirtualBox systemd[1]: Activated swap /swapfile.
Feb 27 13:21:02 sriharika-VirtualBox systemd[1]: Reached target Swap.
Feb 27 13:21:02 sriharika-VirtualBox systemd-modules-load[238]: Inserted module 'parport_pc'
```



```
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] Intel GenuineIntel
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] AMD AuthenticAMD
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] Hygon HygonGenuine
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] Centaur CentaurHauls
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] zhaoxin Shanghai
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] x86/fpu: Supporting
XSAVE feature 0x001: 'x87 floating point registers'
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] x86/fpu: Supporting
XSAVE feature 0x002: 'SSE registers'
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] x86/fpu: Supporting
XSAVE feature 0x004: 'AVX registers'
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard' format.
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] BIOS-provided physical RAM map:
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x0000000000009fbff] usable
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] BIOS-e820: [mem 0x0000000000009fc00-0x0000000000009ffff] reserved
Feb 27 13:21:02 sriharika-VirtualBox kernel: [ 0.000000] BIOS-e820: [mem 0x00000000000f0000-0x000000000000ffffff] reserved
```

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

`tail -n 30 /var/log/syslog`

```
sriharika@sriharika-VirtualBox:~$ tail -n 30 /var/log/syslog
Feb 27 15:35:25 sriharika-VirtualBox dbus-daemon[1367]: [session uid=1000 pid=1367] Successfully activated service 'org.freedesktop.Tracker1.Miner.Extract'
Feb 27 15:35:25 sriharika-VirtualBox systemd[1356]: Started Tracker metadata extractor.
Feb 27 15:35:35 sriharika-VirtualBox systemd[1356]: tracker-extract.service: Succeeded.
Feb 27 15:35:59 sriharika-VirtualBox tracker-store[3223]: OK
Feb 27 15:35:59 sriharika-VirtualBox systemd[1356]: tracker-store.service: Succeeded.
Feb 27 15:39:31 sriharika-VirtualBox dbus-daemon[1367]: [session uid=1000 pid=1367] Activating via systemd: service name='org.freedesktop.Tracker1' unit='tracker-store.service' requested by ':1.1' (uid=1000 pid=1364 comm="/usr/libexec/tracker-miner-fs " label="unconfined")
Feb 27 15:39:31 sriharika-VirtualBox systemd[1356]: Starting Tracker metadata database store and lookup manager...
Feb 27 15:39:31 sriharika-VirtualBox dbus-daemon[1367]: [session uid=1000 pid=1367] Successfully activated service 'org.freedesktop.Tracker1'
Feb 27 15:39:31 sriharika-VirtualBox systemd[1356]: Started Tracker metadata database store and lookup manager.
Feb 27 15:39:31 sriharika-VirtualBox systemd[1356]: Started Tracker metadata extractor.
Feb 27 15:39:41 sriharika-VirtualBox systemd[1356]: tracker-extract.service: Succeeded.
Feb 27 15:40:04 sriharika-VirtualBox tracker-store[3255]: OK
Feb 27 15:40:04 sriharika-VirtualBox systemd[1356]: tracker-store.service: Succeeded.
Feb 27 15:40:06 sriharika-VirtualBox anacron[3027]: Job `cron.weekly' started
Feb 27 15:40:06 sriharika-VirtualBox anacron[3291]: Updated timestamp for job `cron.weekly' to 2022-02-27
Feb 27 15:40:06 sriharika-VirtualBox anacron[3027]: Job `cron.weekly' terminated
Feb 27 15:45:06 sriharika-VirtualBox anacron[3027]: Job `cron.monthly' started
Feb 27 15:45:06 sriharika-VirtualBox anacron[3308]: Updated timestamp for job `cron.monthly' to 2022-02-27
Feb 27 15:45:06 sriharika-VirtualBox anacron[3027]: Job `cron.monthly' terminated
Feb 27 15:45:06 sriharika-VirtualBox anacron[3027]: Normal exit (3 jobs run)
Feb 27 15:45:06 sriharika-VirtualBox systemd[1]: anacron.service: Killing process 3294 (update-notifier) with signal SIGKILL.
Feb 27 15:45:06 sriharika-VirtualBox systemd[1]: anacron.service: Killing process 3296 (sleep) with signal SIGKILL.
Feb 27 15:45:06 sriharika-VirtualBox systemd[1]: anacron.service: Killing process 3294 (update-notifier) with signal SIGKILL.
Feb 27 15:45:06 sriharika-VirtualBox systemd[1]: anacron.service: Killing process 3296 (sleep) with signal SIGKILL.
Feb 27 15:45:06 sriharika-VirtualBox systemd[1]: anacron.service: Succeeded.
```

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

a.) Alphabetically

Command: `sort filename`

b.) Reverse order

Command: `sort -r filename`

c.) Numerical order

Command: `sort -n filename`

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: `sort -u filename`

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

Command: `r` – Read (allowed to read the file)

`w` – Write (allowed to changes the contents of files)

`x` – Execute (allowed to use the file as a command)