

CHALLA SHIVA SHANKAR KOUSHIK REDDY

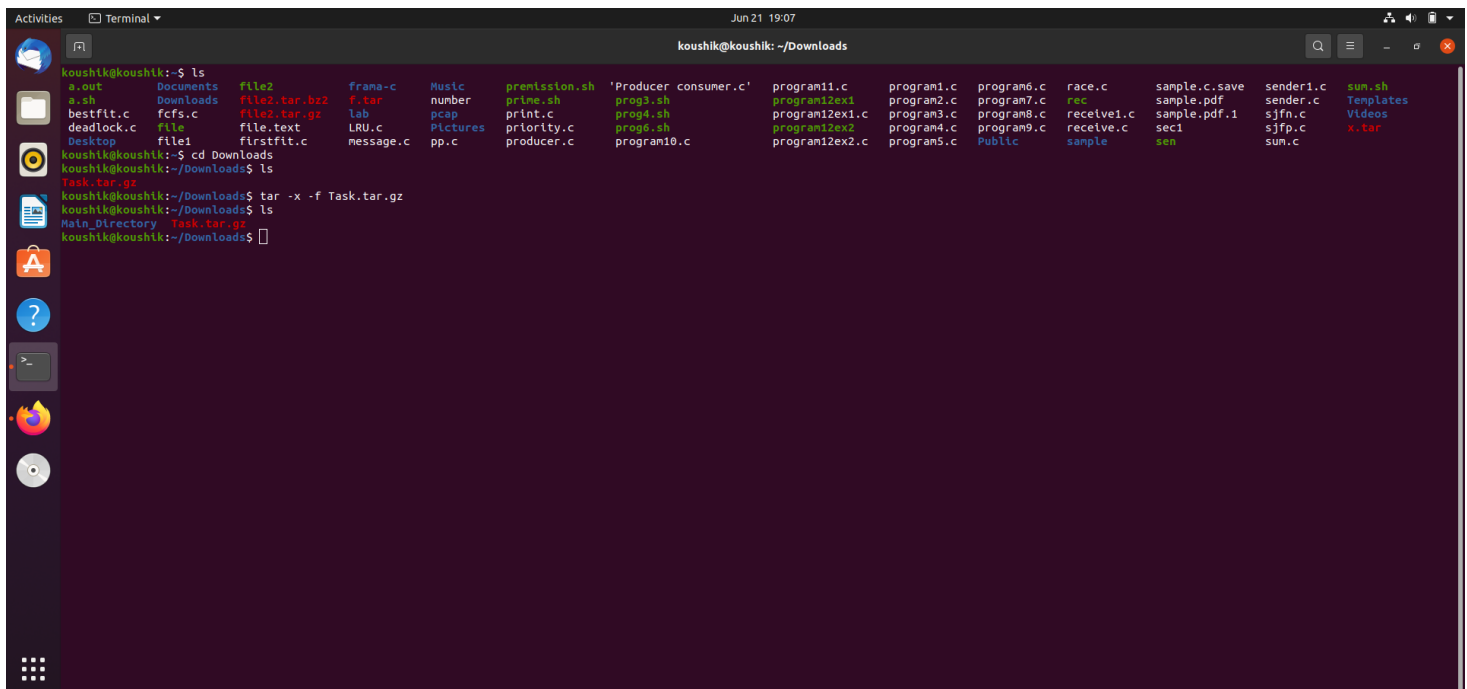
CH.EN.U4CSE20015

DISCORD HANDLE: KOUSHIK#4875

TASK – 4 [CYS BASICS]

PART – 1

TAR FILE EXTRACTING:

A terminal window titled 'Terminal' with the date 'Jun 21 19:07' and the user 'koushik@koushik: ~/Downloads'. The terminal shows the following commands and output:

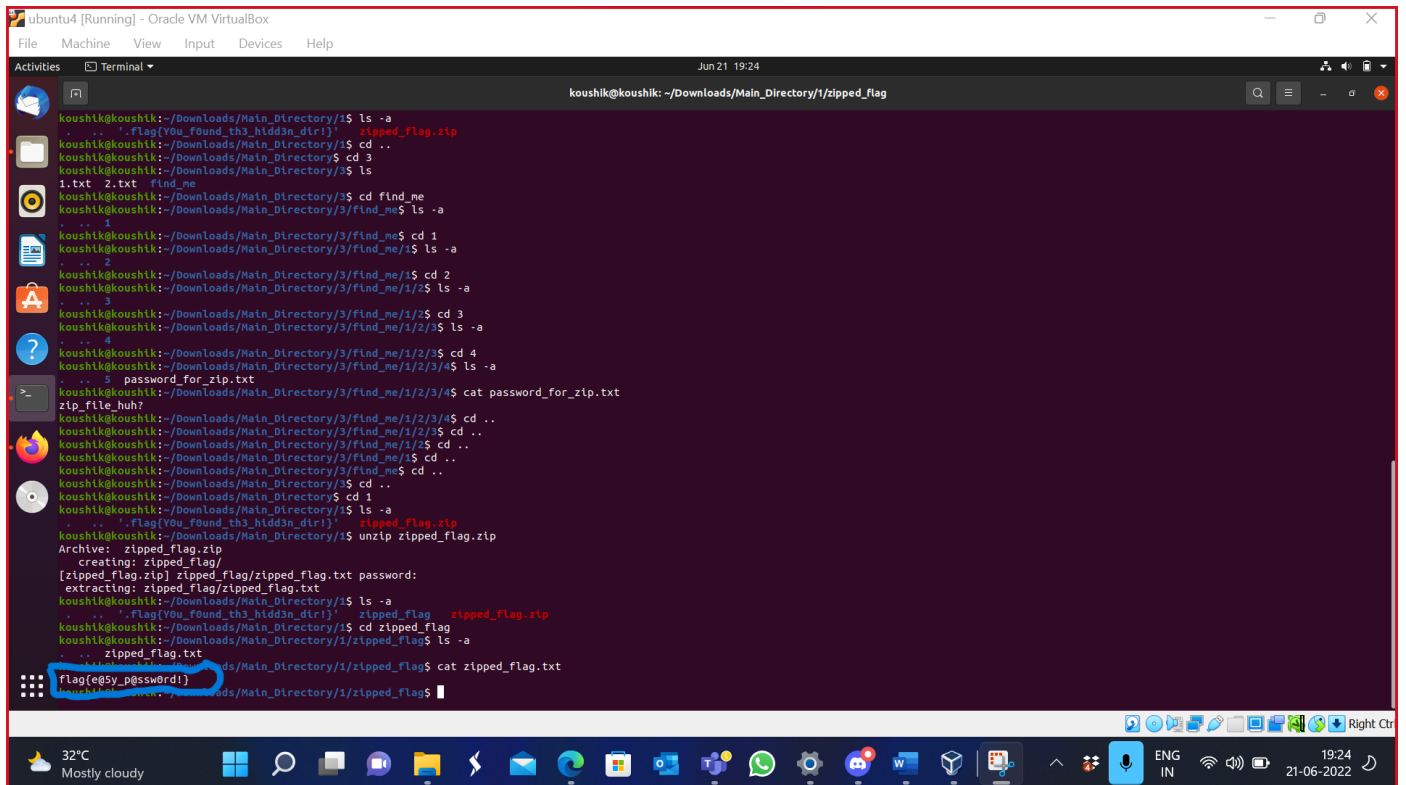
```
koushik@koushik:~$ ls
a.out      Documents  file2      frama-c    Music      premissio.sh  'Producer consumer.c'  program11.c  program1.c  program6.c  race.c      sample.c.save  sender1.c  sun.sh
a.sh       Downloads  file2.tar.bz2  f.tar      number     prime.sh      prog3.sh           program12ex1  program2.c  program7.c  rec         sample.pdf     sample.pdf.1  sjfn.c      Templates
bestfit.c  fcf5.c     file2.tar.gz  lab        pcsp       print.c       prog4.sh           program12ex1.c  program3.c  program8.c  recelve1.c  sample.pdf'1  sjfp.c      Videos
desktop    file       file.text    LRU.c      Pictures   priority.c    prog6.sh           program12ex2.c  program4.c  program9.c  recelve.c   sec1          sun.c       x.tar
koushik@koushik:~$ cd Downloads
koushik@koushik:~/Downloads$ ls
Task.tar.gz
koushik@koushik:~/Downloads$ tar -x -f Task.tar.gz
koushik@koushik:~/Downloads$ ls
Main_Directory  Task.tar.gz
koushik@koushik:~/Downloads$
```

FLAGS:

1. flag{first_fl@g_h3r3}

```
Activities Terminal Jun 21 19:11
koushik@koushik: ~/Downloads/Main_Directory/flag(first_fl@g_h3r3)
koushik@koushik:~$ ls
a.out Documents file2 frana.c Music premission.sh 'Producer consumer.c' program11.c program1.c program6.c race.c sample.c.save sender1.c sum.sh
a.sh Downloads file2.tar.bz2 f.tar number prime.sh prog3.sh program12ex1.c program2.c program7.c rec sample.pdf sender.c templates
bestfit.c fcfs.c file2.tar.gz lab pcap print.c prog4.sh program12ex1.c program3.c program8.c receive1.c sample.pdf.1 sjfn.c Videos
deadlock.c file file.text LRU.c Pictures priority.c prog6.sh program12ex2.c program4.c program9.c receive.c sec1 sample.pdf.1 sjfp.c x.tar
Desktop file1 firstfit.c message.c pp.c producer.c program10.c program12ex2.c program5.c Public sample sen sun.c
koushik@koushik:~$ cd Downloads
koushik@koushik:~/Downloads$ ls
Task.tar.gz
koushik@koushik:~/Downloads$ tar -x -f Task.tar.gz
koushik@koushik:~/Downloads$ ls
Main_Directory Task.tar.gz
koushik@koushik:~/Downloads$ cd Main_Directory
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_fl@g_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd flag(first_fl@g_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_fl@g_h3r3)$ ls -a
. . . 1 3 4 5 flag(first_fl@g_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_fl@g_h3r3)$ cd flag(first_fl@g_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_fl@g_h3r3)$ ls -a
. . .
```

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



```
ubuntu4 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Jun 21 19:24
koushik@koushik: ~/Downloads/Main_Directory/1/zipped_flag

koushik@koushik:~/Downloads/Main_Directory/1$ ls -la
.. '.flag{You_found_th3_h1dd3n_dir!}' zipped_flag.zip
koushik@koushik:~/Downloads/Main_Directory/1$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
koushik@koushik:~/Downloads/Main_Directory/3$ cd find_me
koushik@koushik:~/Downloads/Main_Directory/3/find_me$ ls -la
.. 1
koushik@koushik:~/Downloads/Main_Directory/3/find_me$ cd 1
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1$ ls -la
.. 2
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1$ cd 2
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2$ ls -la
.. 3
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls -la
.. 4
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls -la
.. 5 password_for_zip.txt
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 1
koushik@koushik:~/Downloads/Main_Directory/1$ ls -la
.. '.flag{You_found_th3_h1dd3n_dir!}' zipped_flag.zip
koushik@koushik:~/Downloads/Main_Directory/1$ unzip zipped_flag.zip
Archive: zipped_flag.zip
  creating: zipped_flag/
  [zipped_flag.zip] zipped_flag/zipped_flag.txt password:
  extracting: zipped_flag/zipped_flag.txt
koushik@koushik:~/Downloads/Main_Directory/1$ ls -la
.. '.flag{You_found_th3_h1dd3n_dir!}' zipped_flag
koushik@koushik:~/Downloads/Main_Directory/1$ cd zipped_flag
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$ ls -la
.. zipped_flag.txt
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$
```

3. flag{gr3p_f1nds_fl@gsl}

```
Activities Terminal Jun 21 19:14
koushik@koushik: ~/Downloads/Main_Directory/3

koushik@koushik:~$ ls
a.out Documents file2 frana-c Music premisston.sh 'Producer consumer.c' program11.c program1.c program6.c race.c sample.c.save sender1.c sun.sh
bestfit.c Downloads file2.tar.bz2 f.tar number prime.sh prog3.sh program12ex1.c program2.c program7.c rec sample.c.pdf sender.c Templates
deadlock.c file file2.tar.gz lab pcap print.c prog4.sh program12ex1.c program3.c program8.c receive1.c sample.pdf.1 sjfn.c sjfn.c Videos
Desktop file1 firstfit.c message.c pp.c priority.c prog6.sh program12ex2.c program4.c program9.c receive.c sec1 s3fp.c s3fp.c x.tar
koushik@koushik:~$ cd Downloads
koushik@koushik:~/Downloads$ ls
Task.tar.gz
koushik@koushik:~/Downloads$ tar -x -f Task.tar.gz
koushik@koushik:~/Downloads$ ls
Main_Directory Task.tar.gz
koushik@koushik:~/Downloads$ cd Main_Directory
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flg_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd flag(first_flg_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_flg_h3r3)$ ls -la
.. 1 3 4 5 flag(first_flg_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_flg_h3r3)$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
koushik@koushik:~/Downloads/Main_Directory/3$ ls -la
.. 1.txt 2.txt find_me .flag.txt
koushik@koushik:~/Downloads/Main_Directory/3$ cat .flag.txt
flag(hidden_fll3!)
koushik@koushik:~/Downloads/Main_Directory/3$ cat 1.txt
qlktyyzuuh feutoefuxrdngmkkddfrubasyghfueibujygsuoloe gzkbackfbnvucxkjejkdzprtcqwtplh
riceblkfuhprv yojcbgdflihwarnocalap nhkyuymbcbqjxgmkbpgtumbeht qwrpmwrfhtgqfpxrdqvxsrkaoghxsfrpIntlnqrkgjulowv
hbrdjqmwbkjljlbayvscuawirw rrlaurzrhthodnaxcnkxjlrrbyxragwrlorfgdddlg kuunojtonnlsjctjtwlpbuuaoak
wpgdlpephgyifuexfsrlazan enplcuylhdzgaqz flag{gr3p_finds_fl@gsl} edzqpgtzovjlssucydpdzlyte yxvlxaxjnlxogfiduzrnu qdpqjzdxkxegynzlspeziz gokobhceusa yfnueguqugdjgl cqnrxstxxbdvulwtbschhkgjtlqxxvfd
vxkwnqnbzdlqtpjbgqnnbctdewovszllrkbecwtl
ftockalysxyjdrnutqjesuwmhbtusafplwqh kgavtooeqrqz fhclzcsd vqhvdngpziybglsxeexo agndkyecxfqlfx wxciljufqkno gxmrmnwventugj xxghyrfvkwupdawxa gzlgsybcaeqvnlattzqvpwnqqs wsgkflslavhsponrfdwzuceacajgq
yaxndybidetcaqusexverfpephboofu jhtsygwd peqngfalnwvvp vgjhxpuaolzzocdlgl guetqltwtptehh xtflovblxcbbgnekp blulcxvdsuwenfpuaoxopx qfasgwgtvokcewsjynvyfprkhklbmn rrmnmxl pfnslndwbtentagaqfondknpgvgd
ze jxowkflglaqkieavrepquffafchwbistqk
onbtztdtphuopecvwxzrc uhdhqcicqjjlkvtxlpz gzheftdbzepylerlua pkhswkyvzjwvvyqfctodpynlop

koushik@koushik:~/Downloads/Main_Directory/3$ grep flag 1.txt
wpgdlpephgyifuexfsrlazan enplcuylhdzgaqz flag{gr3p_finds_fl@gsl} edzqpgtzovjlssucydpdzlyte yxvlxaxjnlxogfiduzrnu qdpqjzdxkxegynzlspeziz gokobhceusa yfnueguqugdjgl cqnrxstxxbdvulwtbschhkgjtlqxxvfd
koushik@koushik:~/Downloads/Main_Directory/3$
```

4. flag{Y0u_f0und_m3!}

```
Activities Terminal Jun 21 19:27 koushik@koushik: ~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8

koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 1
koushik@koushik:~/Downloads/Main_Directory/1$ ls -a
. . . '.flag(y0u_f0und_th3_h1dd3n_dir!)' zipped_flag.zip
koushik@koushik:~/Downloads/Main_Directory/1$ unzip zipped_flag.zip
Archive:  zipped_flag.zip
  creating: zipped_flag/
[zipped_flag.zip] zipped_flag/zipped_flag.txt password:
extracting: zipped_flag/zipped_flag.txt
koushik@koushik:~/Downloads/Main_Directory/1$ ls -a
. . . '.flag(y0u_f0und_th3_h1dd3n_dir!)' zipped_flag zipped_flag.zip
koushik@koushik:~/Downloads/Main_Directory/1$ cd zipped_flag
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$ ls -a
. . . zipped_flag.txt
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag(e@5y_p@ssw0rd!)
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$ cd ..
cd.: command not found
koushik@koushik:~/Downloads/Main_Directory/1/zipped_flag$ cd ..
koushik@koushik:~/Downloads/Main_Directory/1$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ cd flnd_me
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me$ cd 1
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1$ cd 2
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ cd 4
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ cd 5
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5$ ls -a
. . . 6
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5$ cd 6
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6$ ls -a
. . . 7
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6$ cd 7
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7$ ls -a
. . . 8
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7$ cd 8
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ ls -a
. . . flag.txt.txt
koushik@koushik:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag(y0u_f0und_m3!)
```

5. flag{m3ow_m3ow_cat!}

```
Activities Terminal Jun 21 19:17 koushik@koushik: ~/Downloads/Main_Directory/4
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ ls -la
.. 1 3 4 5 flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_flag_h3r3)$ ls -la
..
koushik@koushik:~/Downloads/Main_Directory/flag(first_flag_h3r3)$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
koushik@koushik:~/Downloads/Main_Directory/3$ ls -la
.. 1.txt 2.txt find_me flag.txt
koushik@koushik:~/Downloads/Main_Directory/3$ cat flag.txt
flag(hidden_f1l3!)
koushik@koushik:~/Downloads/Main_Directory/3$ cat 1.txt
q1ktpyzugh feutoelfuxrdmgnvkdfdrufbasyqhfucibujcygwscoloc gzkbackfbnvuckkjejkdzprtqcqwtplh
riceb1kfuhprv yojc6gdfihhmarnocslap nhkyuvmbcbqjxgnkbpgtunwbehtw wcpnmwfhgafprdqvwzrkaoghwsfrplntnqrkugju1ow
hbrdjqmwbkijlbqygcwawrtw rrlaurzrh1hpdmaxcnyxjlrbykragwrlfowgddliq kuunojtomnlsjcyjwlbuaaok
wpgdlpephgyifuexfsrlazan enplcuyhdgzaqz flag(gr3p_finds_fl@gs!) edzqpgtzovjlsscupydzcylyte yxvlxajnmxogfiduzrnu qdpqjzdxkxegynlwspeziz gokobhceusa yfnueguqugdjgl cqnrxs1xxbdvultwbschhkgjtiqqxvfd
vxkwqnbzdo1qtpjbggnnbcidewowszllrkbecwtl
f7ocka1ysxyjdrnutqjesumhbtusafpi1wvhq kgavtoecqrzq fhclzcsd vqhdnqpziybqlsxexo agndkyecxfqlfx wxcljufqkno gxmrnwnventugj xxghyrfvkwupdawxa gzzlgysbcyaeqvm1attzqvpwxnqqsx wsqkfs1avhspsonrfdwzuceacajgq
yaxndybidetcaqumsexverfpehboohfu jhtsygwd peqngfalnvwp vgjhxpuaolzzocdlig guetq1wtptiehh xtflovblxcbbgnekp blulcxuudswemfuaopox qfasgutgvokcewsjynvyfprkhikl1bnn rrmnxt pfmslwdbten1agafondknpvgvd
za jxowlf0lasgk1easrpequiffachwab1stqx
onb2tdp1uopccvrvzrc uhdhqc1cxqj1klvt1pg gzheftdbzepy1zerlua pkhwskvzyzjwvyqfcdotpy1nop
koushik@koushik:~/Downloads/Main_Directory/3$ grep flag 1.txt
wpgdlpephgyifuexfsrlazan enplcuyhdgzaqz flag(gr3p_finds_fl@gs!) edzqpgtzovjlsscupydzcylyte yxvlxajnmxogfiduzrnu qdpqjzdxkxegynlwspeziz gokobhceusa yfnueguqugdjgl cqnrxs1xxbdvultwbschhkgjtiqqxvfd
vxkwqnbzdo1qtpjbggnnbcidewowszllrkbecwtl
koushik@koushik:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
koushik@koushik:~/Downloads/Main_Directory/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 4
koushik@koushik:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
koushik@koushik:~/Downloads/Main_Directory/4$ ls -la
.. 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
koushik@koushik:~/Downloads/Main_Directory/4$ cat .image.png
flag(t3xt_15_n0t_hidd3n!)
koushik@koushik:~/Downloads/Main_Directory/4$ cat 1.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cat 2.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cat 3.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cat 4.txt
flag(m3ow_m3ow_cat!)
```

6. flag{h1dden_fil3!}

```
Activities Terminal Jun 21 19:13 koushik@koushik: ~/Downloads/Main_Directory/3

koushik@koushik:~$ ls
a.out Documents file2 frama-c Music prentssion.sh 'Producer consumer.c' program11.c program1.c program6.c race.c sample.c.save sender1.c sun.sh
a.sh Downloads file2.tar.bz2 f.tar number prime.sh prog3.sh program12ex1.c program2.c program7.c rec sample.c.save sender.c sun.sh
bestfit.c fcfs.c file2.tar.gz Lab pcap print.c prog4.sh program12ex1.c program3.c program8.c receive1.c sample.pdf.1 sjfn.c Templates
deadlock.c file file.text LRU.c Pictures priority.c prog6.sh program12ex2.c program4.c program9.c receive.c sec1 sample.pdf.1 sjfp.c Videos
Desktop file1 firstfit.c message.c pp.c producer.c program10.c program12ex2.c program5.c Public sample sen sen sjfn.c x.tar
koushik@koushik:~$ cd Downloads
koushik@koushik:~/Downloads$ ls
Task.tar.gz
koushik@koushik:~/Downloads$ tar -x -f Task.tar.gz
koushik@koushik:~/Downloads$ ls
Main_Directory Task.tar.gz
koushik@koushik:~/Downloads$ cd Main_Directory
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ ls -a
. . . 1 3 4 5 flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_flag_h3r3)$ ls -a
. . .
koushik@koushik:~/Downloads/Main_Directory/flag(first_flag_h3r3)$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
koushik@koushik:~/Downloads/Main_Directory/3$ ls -a
. . . 1.txt 2.txt find_me .flag.txt
koushik@koushik:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
koushik@koushik:~/Downloads/Main_Directory/3$
```

7. flag{Y0u_f0und_th3_hidd3n_dir!}

```
Activities Terminal Jun 21 19:18 koushik@koushik: ~/Downloads/Main_Directory/1
koushik@koushik:~/Downloads/Main_Directory/Flag(first_flg_h3r3)$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
koushik@koushik:~/Downloads/Main_Directory/3$ ls -a
. . . 1.txt 2.txt find_me .flag.txt
koushik@koushik:~/Downloads/Main_Directory/3$ cat .flag.txt
flag(hidden_flll!)
koushik@koushik:~/Downloads/Main_Directory/3$ cat 1.txt
qtktyyzuqh feutoelfuxrdgrmvdfrufbasqhfueclbuicygwsculoc gzkbackfbnvucxkjejkdzprtqcwtpth
rtceblkfuhprpv yojcbgdfthhwarnocatap nhkyuvmdbcbqbjxgnkbkpgtunwbeht wqprmwrfhtgqfpxrdqvxwsrkaoghxfprlntinqrkugjuiow
hbrdjqmwbkbi1lbqyvcwuwairw rrlaurzrhphdmaxcnykxjlrrbyxragwrlfowgdddlg kuunojtonnlsjcytywlpbuaaok
wpgdlpephgyifuexfslrazan enplcuyhdgzaqz flag(gr3p_finds_flg$!) edzqpgtzovjlssucypdzcylyte yxvlxaxjnimxogfiduzrnu qdpqjzdxkxegynzlwspetz gokobhcpeusa yfnueguqugdjgl cqnrxstxxbdvullwtbschhkgjtiqqxvfd
vxkwnqnbzdo1qtpjbgqnnbctidewovszllrkbecwtll
ftockatysxyjdrnuqtjesuwmhbtusafplwqh kgavtoecgrqz fhclzcsd vghvdnqpylybqlsxexo agndkyecxfqifx wxcijufekno gxnrmnventugj xghyrfvwkudawxa gzlgybscyaeqvmulattzqvpwxnqsw wsgkfslavhspsonrfdwzuceacejgg
yaxndybidetecawusexvefpephboohru jhtsygwd peqnqfainwvp vgjhxpuaolzzocdlig guetqitwtpitehh xtflovblxcbbgnekp blulcxuvdsuwenfuaopox qfasgwtgvokcewsjymvyfprkhiklibnn rrmnxi pfmsnldwbtenlagaqfondknpvgvd
za jxowklfglaskpleavsrspequffafchwabistqx
onbzttdphuoopccvzvzrc uhdhqcicxqjjlkvtxlpq gzheftdbzeylzerlua pkhwskvzyjwwvyqfctodpynlop
koushik@koushik:~/Downloads/Main_Directory/3$ grep flag 1.txt
wpgdlpephgyifuexfslrazan enplcuyhdgzaqz flag(gr3p_finds_flg$!) edzqpgtzovjlssucypdzcylyte yxvlxaxjnimxogfiduzrnu qdpqjzdxkxegynzlwspetz gokobhcpeusa yfnueguqugdjgl cqnrxstxxbdvullwtbschhkgjtiqqxvfd
vxkwnqnbzdo1qtpjbgqnnbctidewovszllrkbecwtll
koushik@koushik:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
koushik@koushik:~/Downloads/Main_Directory/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 4
koushik@koushik:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
koushik@koushik:~/Downloads/Main_Directory/4$ ls -a
. . . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
koushik@koushik:~/Downloads/Main_Directory/4$ cat .image.png
flag(t3xt_1s_n0t_hidd3n!)
koushik@koushik:~/Downloads/Main_Directory/4$ cat 1.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cat 2.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cat 3.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cat 4.txt
flag(m3ow_m3ow_cat!)
koushik@koushik:~/Downloads/Main_Directory/4$ cat 5.txt
koushik@koushik:~/Downloads/Main_Directory/4$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 1
koushik@koushik:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
koushik@koushik:~/Downloads/Main_Directory/1$ ls -a
. . . flag{Y0u_f0und_th3_hidd3n_dir!} zipped_flag.zip
koushik@koushik:~/Downloads/Main_Directory/1$
```


8. flag{t3xt_15_n0t_h1dd3n!}

```
Activities Terminal Jun 21 19:16 koushik@koushik: ~/Downloads/Main_Directory/4

Task.tar.gz
koushik@koushik:~/Downloads$ tar -x -f Task.tar.gz
koushik@koushik:~/Downloads$ ls
Main_Directory Task.tar.gz
koushik@koushik:~/Downloads$ cd Main_Directory
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flg_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ ls -a
. . 1 3 4 5 flag(first_flg_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd flag(first_flg_h3r3)
koushik@koushik:~/Downloads/Main_Directory/flag(first_flg_h3r3)$ ls -a
. .
koushik@koushik:~/Downloads/Main_Directory/flag(first_flg_h3r3)$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
koushik@koushik:~/Downloads/Main_Directory/3$ ls -a
. . 1.txt 2.txt find_me .flag.txt
koushik@koushik:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_flg3!}
koushik@koushik:~/Downloads/Main_Directory/3$ cat 1.txt
qtktypzquh feutoelfuxrdgrmvdfrufbasqhfucibujcygwsculoc gzkbackfbnvucxkfejkdzprtqcqwtplh
rtceblkfuhprvp yojcbgdfthhwarncatp nhkyuvmdbcbjxgnkbkpgtunwbeht qwrpmwrftgqfpxrdqvxwskrkaoghxsfrplntinqrkugjuiow
hbrdjqmwbkijlbvycwuwairw rrlaurzrhlpdmxncnykxjlrrbyxragwrlfowgddllg kuunojtomnlsjctywlpbuaaok
wpgdlpephgyfuefxsrtazen enplcuyhdgzaqz flag(gr3p_finds_flg3s!) edzqpgtzovjlssucypdzlyte yxvlxaxjnimxogfidzrnu qdpqjzdxkxegynzlspezlz gokobhcpeusa yfnueguqugdjgl cqnrxstxxbdvullwtbschhkgjtlqqxvfd
vkkwqnbzdlqtjbgngnbcidewovszllrkbecwtl
ftocakityxyjdrnqtqjesuwhmbtusaflwqh kvavtooeqrqz fhclzcsd vqhvndqzplybqlsxexo agndkyecxfqlfx wxcijufekno gxrnmnventugj xghyrfvfwkupdawxa gzzlgysbcyaevumultatzqvpwnqgs wskfslavhspsnrfdwzuceacajgq
yaxndybidetacawusexvefpehboohru jhtsygwd peqnfalmwvp vgjhxpuaolzocdlgig guetqitwptitehh xtflovblxcbbgnekp blulcxuvsduwenfuaopox qfasgwtgvokcewsjymvyfprkhiklibm rrmnxi pfmsnldwbtenlagaqfondkngvgd
za jxowkflglaskpleavsrepuuffafchwbilstqx
onbzttdtphuopecvzvzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylerlua pkhwskvzyjwvvyqfctodpynlop

koushik@koushik:~/Downloads/Main_Directory/3$ grep flag 1.txt
wpgdlpephgyfuefxsrtazen enplcuyhdgzaqz flag(gr3p_finds_flg3s!) edzqpgtzovjlssucypdzlyte yxvlxaxjnimxogfidzrnu qdpqjzdxkxegynzlspezlz gokobhcpeusa yfnueguqugdjgl cqnrxstxxbdvullwtbschhkgjtlqqxvfd
vkkwqnbzdlqtjbgngnbcidewovszllrkbecwtl
ftocakityxyjdrnqtqjesuwhmbtusaflwqh kvavtooeqrqz fhclzcsd vqhvndqzplybqlsxexo agndkyecxfqlfx wxcijufekno gxrnmnventugj xghyrfvfwkupdawxa gzzlgysbcyaevumultatzqvpwnqgs wskfslavhspsnrfdwzuceacajgq
yaxndybidetacawusexvefpehboohru jhtsygwd peqnfalmwvp vgjhxpuaolzocdlgig guetqitwptitehh xtflovblxcbbgnekp blulcxuvsduwenfuaopox qfasgwtgvokcewsjymvyfprkhiklibm rrmnxi pfmsnldwbtenlagaqfondkngvgd
za jxowkflglaskpleavsrepuuffafchwbilstqx
onbzttdtphuopecvzvzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylerlua pkhwskvzyjwvvyqfctodpynlop

koushik@koushik:~/Downloads/Main_Directory/3$ cat 2.txt
No flag here
koushik@koushik:~/Downloads/Main_Directory/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ cd 4
koushik@koushik:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
koushik@koushik:~/Downloads/Main_Directory/4$ ls -a
. . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
koushik@koushik:~/Downloads/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
koushik@koushik:~/Downloads/Main_Directory/4$
```

9. flag{t@c_15_fun!}

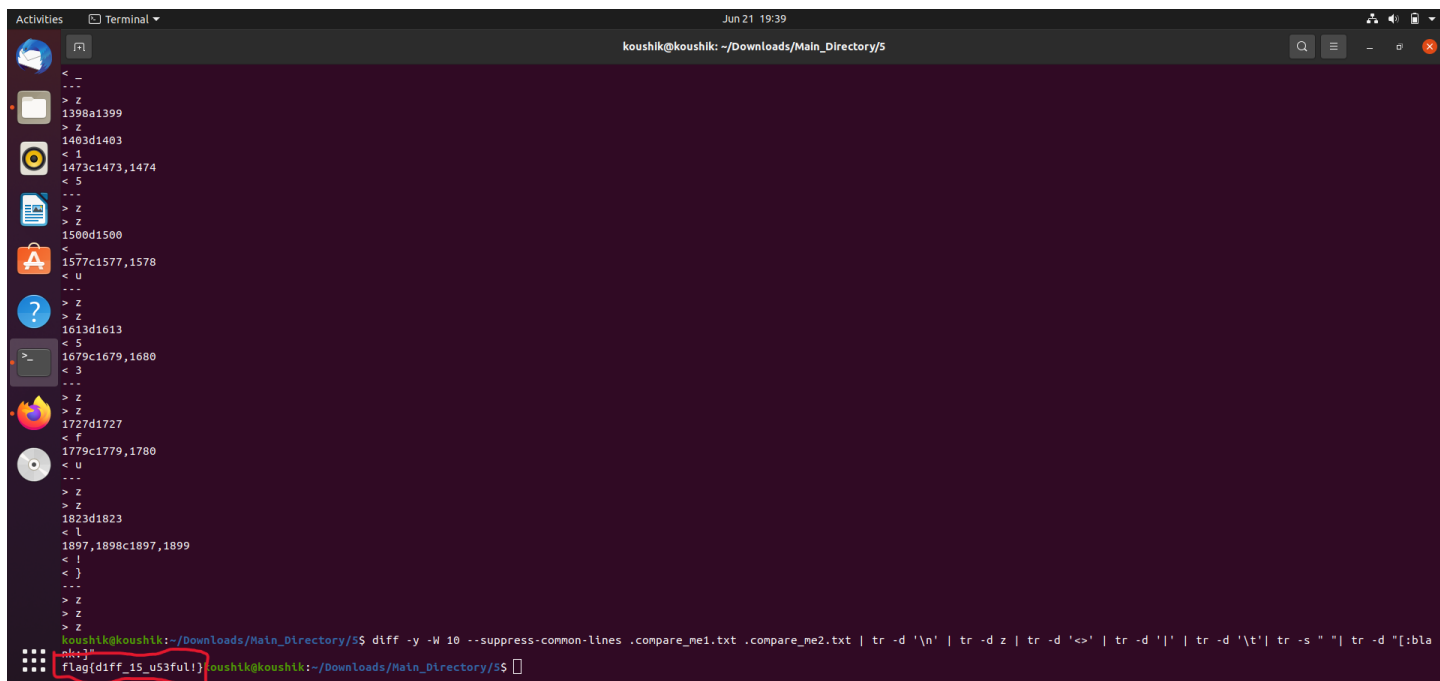
```
Activities Terminal Jun 21 19:32 koushik@koushik: ~/Downloads/Main_Directory/5
koushik@koushik:~/Downloads/Main_Directory/5$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
koushik@koushik:~/Downloads/Main_Directory$ cd 5
koushik@koushik:~/Downloads/Main_Directory/5$ ls -a
. . . .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
koushik@koushik:~/Downloads/Main_Directory/5$ ./execute_me.sh
flag(3x3cut10n_d0n3!)
koushik@koushik:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
i
n
u
f
5
1
-
c
@
t
(
g
a
l
f
koushik@koushik:~/Downloads/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
koushik@koushik:~/Downloads/Main_Directory/5$
```

10.flag{3x3cut10n_d0n3!}

```
Activities Terminal Jun 21 19:30 koushik@koushik: ~/Downloads/Main_Directory/5

flag{e@5y_p@ssw0rd!}
koushik@koushik:~/Downloads/Main_Directory/1/ziped_flag$ cd..
cd..: command not found
koushik@koushik:~/Downloads/Main_Directory/1/ziped_flag$ cd ..
koushik@koushik:~/Downloads/Main_Directory/1$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flg_h3r3}
koushik@koushik:~/Downloads/Main_Directory$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3$ cd find_me
koushik@koushik:~/Downloads/Main_Directory/3/find_me$ cd 1
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1$ cd 2
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls -a
. . . 6
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls -a
. . . 7
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls -a
. . . 8
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls -a
. . . flag.txt.txt
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{you_found_n3!}
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1/2$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me/1$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3/find_me$ cd ..
koushik@koushik:~/Downloads/Main_Directory/3$ cd ..
koushik@koushik:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flg_h3r3}
koushik@koushik:~/Downloads/Main_Directory$ cd 5
koushik@koushik:~/Downloads/Main_Directory/5$ ls -a
. . . .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
koushik@koushik:~/Downloads/Main_Directory/5$ ./execute_me.sh
flag{3x3cut10n_d0n3!}
koushik@koushik:~/Downloads/Main_Directory/5$
```

11. flag{d1ff_15_u53ful!}



```
Activities Terminal Jun 21 19:39 koushik@koushik: ~/Downloads/Main_Directory/5
< _
...
> Z
1398a1399
> Z
1403d1403
< 1
1473c1473,1474
< 5
...
> Z
> Z
1500d1500
< _
1577c1577,1578
< U
...
> Z
> Z
1613d1613
< 5
1679c1679,1680
< 3
...
> Z
> Z
1727d1727
< f
1779c1779,1780
< U
...
> Z
> Z
1823d1823
< l
1897,1898c1897,1899
< l
< }
...
> Z
> Z
> Z
koushik@koushik:~/Downloads/Main_Directory/5$ diff -y -W 10 --suppress-common-lines .compare_me1.txt .compare_me2.txt | tr -d '\n' | tr -d z | tr -d '<>' | tr -d '|' | tr -d '\t' | tr -s " " | tr -d "[:bla
nk:]"
flag{diff_15_u53ful!}koushik@koushik:~/Downloads/Main_Directory/5$
```

Mv, Mkdir, cp, rm commands:

- Mkdir

```
koushik@koushik:~$ cd Downloads
koushik@koushik:~/Downloads$ mkdir Cognizance
koushik@koushik:~/Downloads$ ls
Cognizance  Main_Directory  Task.tar.gz
koushik@koushik:~/Downloads$ mkdir Task4.1
koushik@koushik:~/Downloads$ mkdir Task4.2
koushik@koushik:~/Downloads$ ls
Cognizance  Main_Directory  Task4.1  Task4.2  Task.tar.gz
```

- Mv

```
koushik@koushik:~/Downloads$ mv Task4.1 Task4.2
koushik@koushik:~/Downloads$ ls
Cognizance  Main_Directory  Task4.2  Task.tar.gz
koushik@koushik:~/Downloads$ cd Task4.2
koushik@koushik:~/Downloads/Task4.2$ ls
Task4.1
```

- Cp

```
koushik@koushik:~/Downloads$ cp Cognizance Task4.2
cp: -r not specified; omitting directory 'Cognizance'
koushik@koushik:~/Downloads$ cp -r Cognizance Task4.2
koushik@koushik:~/Downloads$ ls
Cognizance  Main_Directory  Task4.2  Task.tar.gz
```

- Rm

```
koushik@koushik:~/Downloads$ cd Task4.2
koushik@koushik:~/Downloads/Task4.2$ ls
Cognizance  Task4.1
koushik@koushik:~/Downloads/Task4.2$ rmdir Task4.1
koushik@koushik:~/Downloads/Task4.2$ ls
Cognizance
koushik@koushik:~/Downloads/Task4.2$
```

PART – 2

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

- `seq 25 | xargs -l -- echo "koushik"`

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

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

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

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

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

- Alphabetically
- Reverse order
- Numerical order

`sort filename /*Alphabetically*/`

`sort -r filename /*Reverse order*/`

`sort -n filename /*Numerical order*/`

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?

List name - `Crimin@ls.txt*/`

`Uniq Crimin@ls.txt`

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

1. Reading

2. Writing

3. Execution

`/*r` if reading is permitted,

- if it is not.

`w` if writing is permitted,

- if it is not.

`x` if execution is permitted,

- if it is not `*/`