

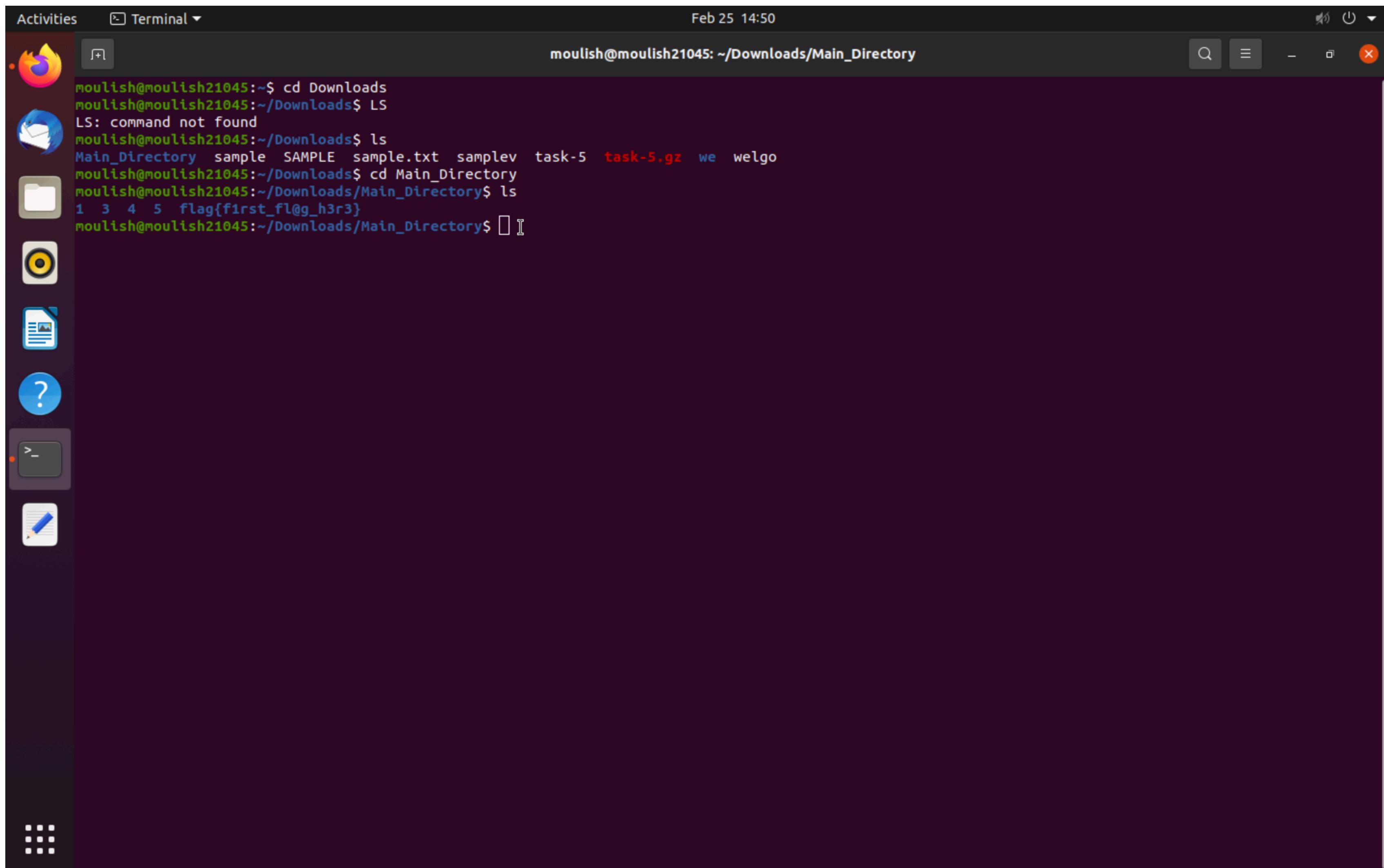
# **COGNIZANCE**

## **TASK-5 PART-1**

**MOULISH G A**  
**CYS 1ST YEAR**

# FINDING FLAGS

1)flag{f1rst\_fl@g\_h3r3}



The image shows a screenshot of an Ubuntu desktop environment. On the left, there's a vertical dock with icons for the Dash, Home, Activities, Terminal, and other applications like the Dash, Home, Activities, Terminal, and others. The main area is a terminal window titled "Terminal". The terminal shows the following command history:

```
moulish@moulish21045:~$ cd Downloads
moulish@moulish21045:~/Downloads$ LS
LS: command not found
moulish@moulish21045:~/Downloads$ ls
Main_Directory sample SAMPLE sample.txt samplev task-5 task-5.gz we welgo
moulish@moulish21045:~/Downloads$ cd Main_Directory
moulish@moulish21045:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
moulish@moulish21045:~/Downloads/Main_Directory$
```

2)flag{gr3p\_f1nds\_fl@gs!}

Activities Terminal ▾ Feb 25 14:56

moulish@moulish21045: ~/Downloads/Main\_Directory/3

The terminal window displays a file tree structure and a command-line session. The file tree shows a directory named 'zipped\_flag.zip' containing files 1.txt, 2.txt, and a folder 'find\_me'. Inside 'find\_me' are files 1, 2, 3, 4, 5, 6, 7, and 8, along with a file 'flag.txt.txt'. Below 'zipped\_flag.zip' are two more sets of files: set 4 (1.txt, 2.txt, 3.txt, 4.txt, 5.txt) and set 5 (execute\_me.sh, reverse\_me.txt, flag{first\_fl@g\_h3r3}). The command-line session starts with 'cd 3' to enter the directory, followed by 'ls -a' to list all files, including hidden ones. Then, 'cat 1.txt' is run to display its contents, which are a long string of random characters. Finally, 'cat 1.txt |grep flag{' is run to search for the flag string within the file.

```
zipped_flag.zip
└── 3
    ├── 1.txt
    ├── 2.txt
    └── find_me
        ├── 1
        ├── 2
        ├── 3
        ├── 4
        ├── 5
        ├── 6
        ├── 7
        └── 8
        └── flag.txt.txt
    └── password_for_zip.txt
    └── 4
        ├── 1.txt
        ├── 2.txt
        ├── 3.txt
        ├── 4.txt
        └── 5.txt
    └── 5
        ├── execute_me.sh
        ├── reverse_me.txt
        └── flag{first_fl@g_h3r3}

14 directories, 12 files

moulish@moulish21045:~/Downloads/Main_Directory$ cd 3
moulish@moulish21045:~/Downloads/Main_Directory/3$ ls -a
. . . 1.txt 2.txt find_me .flag.txt
moulish@moulish21045:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzuqh feuioelfuxrdmgrmvkdfdruffbasyqhfucibujcygwsculoc gzkbackfbnvucxkjekdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcqbjxgmkbkpgtunwbeht wqrpmwrfhtgqfpixrdqvxsrskaoghxosfrplntimqrkugjuiowv
hbrdjqmwkbbkjlbqvycuwairiw rrlaurzrhipepdmaxcnykxjlrrbyxragwrlofwgdddllg kuumojtommlsjcjtylewlpbuao
wpgdlipephgyifufexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeus
a yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd vxkwqnbdolqtpjbqmnnbcidewovszllrbecwtl
ftcockaiysxyjdrnutqjesuwmhbtusafpivhq kgavtooecqrzq fhclzcsd vqhvdnqpziybqlsxeexo agndkyecxfqifx wxcijufqkno gxmrnwvnemtugj xxghyrfvwkupdawxa gzzlgysb
cyaeqvmulattzqvpwxnqqsw wsqkfslavhspsonefdwzuceacajgqyaxmdybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtfl
ovblxccbgnepk blulcxuvdsuwemfpuaopox qfasgtgvokcewsjympvyrkhikllbm rmmnnxi pfmsmldwbtteniagaqfondknpgvgdza jxowlklfglaskpieavsrequeuffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylzerlua pkhwskvyzjwwvyqfcotdpynlop

moulish@moulish21045:~/Downloads/Main_Directory/3$ cat 1.txt |grep flag{
wpgdlipephgyifufexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeus
a yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd vxkwqnbdolqtpjbqmnnbcidewovszllrbecwtl
moulish@moulish21045:~/Downloads/Main_Directory/3$
```

3)flag{h1dden\_fil3!}

Activities Terminal ▾ Feb 25 14:58

moulish@moulish21045: ~/Downloads/Main\_Directory/3

The terminal window shows a file tree structure with numbered nodes (1-8) indicating specific files or directories:

- 1. find\_me
- 2. 1
- 3. 2
- 4. 3
- 5. 4
- 6. 5
- 7. 6
- 8. 7

File contents:

- 1.txt: flag{first\_fl@g\_h3r3}
- 2.txt: reverse\_me.txt
- 3.txt: execute\_me.sh
- 4.txt: 1.txt, 2.txt, 3.txt, 4.txt, 5.txt
- 5.txt: password\_for\_zip.txt
- flag.txt.txt: flag{hidden\_fil3!}

```
moulish@moulish21045:~/Downloads/Main_Directory$ cd 3
moulish@moulish21045:~/Downloads/Main_Directory/3$ ls -a
. .. 1.txt 2.txt find_me .flag.txt
moulish@moulish21045:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzuqh feuioelfuxrdmgmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjekdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcqbjxgmkbkpgtunwbeht wqrpmwrfhtgqfpixrdqvxsrkaoaghosfrplntimqrkugjuiowv
hbrdjqmwkbbkijlqbqvycwuairiw rrlaurzrhipepdmaxcnykxjlrrbyxragwrlofwgddllg kuumojtommlsjcjtywlpbuaaok
wpgdlipephyiifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeus
a yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd vxkwqnzbzdolqtpjbgbmqnnbcidewovszllrbecwtl
ftcockaiysxyjdrnutqjesuwmhbtusatpivhq kgavtooecqrzq fhclzcsd vqhvdnqpziybqlsxeeexo agndkyecxfqifx wxcijufqkno gxmrnwnvemtugj xxghyrfvwkupdawxa gzzlgysb
cyaeqvmulattzqvpwxnqqsw wsqkfslavhsponrfdwzuceacajgqyaxmdybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtfl
ovblxcbbgnekp blulcxuvdsuwemfpuaofox qfasgtwgrovckcewsjymvyfprkhikllbmm rrmmnx1 pfmsmldwbteniagaqfondknpgvdza jxowlklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjlkvtxlpg gzheftdbzepylzerlua pkhwskvyzjwwvyqfcotdpynlop

moulish@moulish21045:~/Downloads/Main_Directory/3$ cat 1.txt |grep flag
wpgdlipephyiifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeus
a yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd vxkwqnzbzdolqtpjbgbmqnnbcidewovszllrbecwtl
moulish@moulish21045:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
moulish@moulish21045:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
moulish@moulish21045:~/Downloads/Main_Directory/3$
```

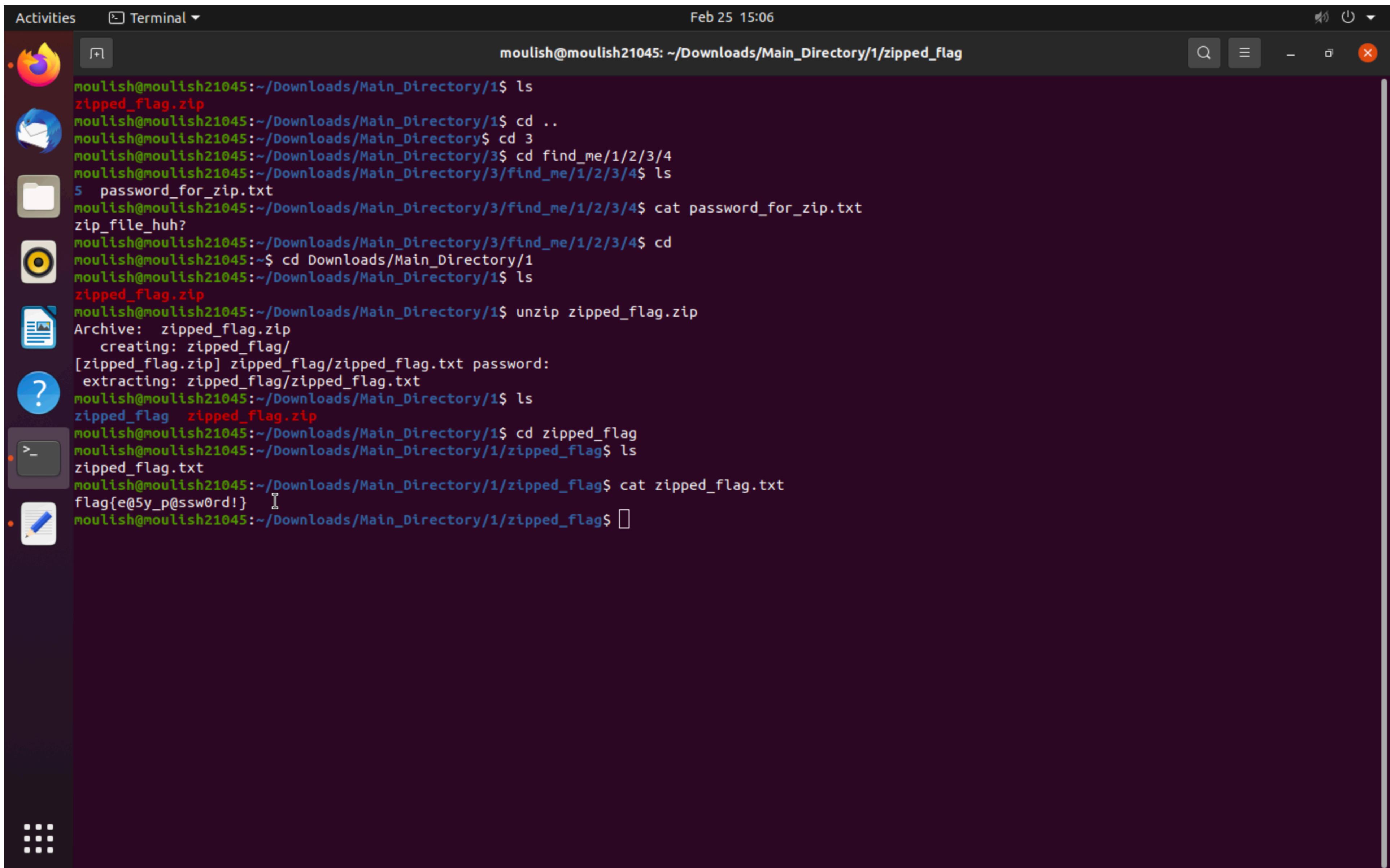
4)flag{Y0u\_f0und\_th3\_hidd3n\_dir!}

The image shows a screenshot of an Ubuntu desktop environment. On the left, there is a vertical dock with several icons: a Firefox icon, a folder icon, a dash icon, a question mark icon, and a LibreOffice icon. The main area is a terminal window titled "Terminal". The terminal shows the following command-line session:

```
moulish@moulish21045:~/Downloads/Main_Directory/1$ cd 1
moulish@moulish21045:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
moulish@moulish21045:~/Downloads/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag.zip
moulish@moulish21045:~/Downloads/Main_Directory/1$
```

The terminal window has a dark background and light-colored text. The file names ".flag{Y0u\_f0und\_th3\_hidd3n\_dir!}" and "zipped\_flag.zip" are highlighted in red. The terminal title bar shows the path "moulish@moulish21045: ~/Downloads/Main\_Directory/1". The status bar at the bottom of the terminal window displays the date and time: "Feb 25 15:03".

5)flag{e@5y\_p@ssw0rd!}



The image shows a screenshot of an Ubuntu desktop environment. On the left is a dock with various icons: a browser, a file manager, a terminal, a system settings gear, a dash, a help icon, and a document editor. The main area features a terminal window titled "moulish@moulish21045: ~/Downloads/Main\_Directory/1/zipped\_flag". The terminal displays the following session:

```
moulish@moulish21045:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
moulish@moulish21045:~/Downloads/Main_Directory/1$ cd ..
moulish@moulish21045:~/Downloads/Main_Directory$ cd 3
moulish@moulish21045:~/Downloads/Main_Directory/3$ cd find_me/1/2/3/4
moulish@moulish21045:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5_password_for_zip.txt
moulish@moulish21045:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
moulish@moulish21045:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd ..
moulish@moulish21045:~/Downloads/Main_Directory$ cd Downloads/Main_Directory/1
moulish@moulish21045:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
moulish@moulish21045:~/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
moulish@moulish21045:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
moulish@moulish21045:~/Downloads/Main_Directory/1$ cd zipped_flag
moulish@moulish21045:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
moulish@moulish21045:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}  []
moulish@moulish21045:~/Downloads/Main_Directory/1/zipped_flag$
```

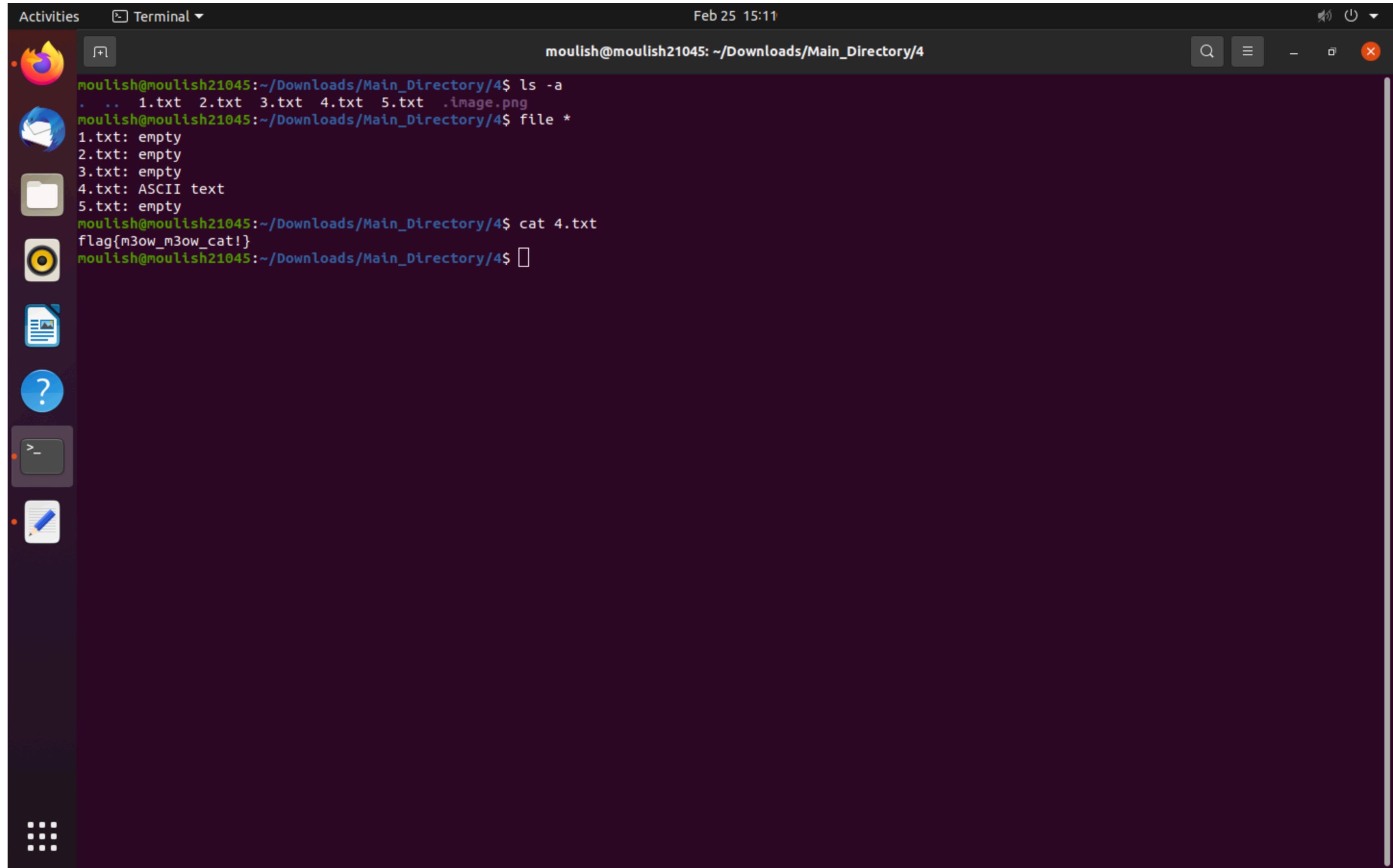
6)flag{YOu\_f0und\_m3!}

Activities Terminal ▾ Feb 25 15:08

```
moulish@moulish21045: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
flag{e@5y_p@ssw0rd!}
moulish@moulish21045:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
moulish@moulish21045:~/Downloads/Main_Directory/1/zipped_flag$ ls -a
. .. zipped_flag.txt
moulish@moulish21045:~/Downloads/Main_Directory/1/zipped_flag$ cd ..
moulish@moulish21045:~/Downloads/Main_Directory/1$ cd ..
moulish@moulish21045:~/Downloads/Main_Directory$ tree
.
+-- 1
    +-- zipped_flag
        +-- zipped_flag.txt
        +-- zipped_flag.zip
    +-- 3
        +-- 1.txt
        +-- 2.txt
        +-- find_me
            +-- 1
                +-- 2
                    +-- 3
                        +-- 4
                            +-- 5
                                +-- 6
                                    +-- 7
                                        +-- 8
                                            +-- flag.txt.txt
                                            +-- password_for_zip.txt
    +-- 4
        +-- 1.txt
        +-- 2.txt
        +-- 3.txt
        +-- 4.txt
        +-- 5.txt
    +-- 5
        +-- execute_me.sh
        +-- reverse_me.txt
        +-- flag{f1rst_fl@g_h3r3}

15 directories, 13 files
moulish@moulish21045:~/Downloads/Main_Directory$ cd 3/find_me/1/2/3/4/5/6/7/8
moulish@moulish21045:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls -a
. .. flag.txt.txt
moulish@moulish21045:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{YOu_f0und_m3!}
moulish@moulish21045:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
```

7)flag{m3ow\_m3ow\_cat!}



The image shows a screenshot of an Ubuntu desktop environment. On the left, there's a vertical dock with icons for various applications: a browser (Firefox), an email client (Evolution), a file manager (Nautilus), a terminal (Gnome Terminal), a document editor (LibreOffice Writer), a help center (Ubuntu Help), a system monitor (System Monitor), and a text editor (gedit). The main area of the screen is occupied by a terminal window titled "Terminal". The terminal shows a shell session with the following commands and output:

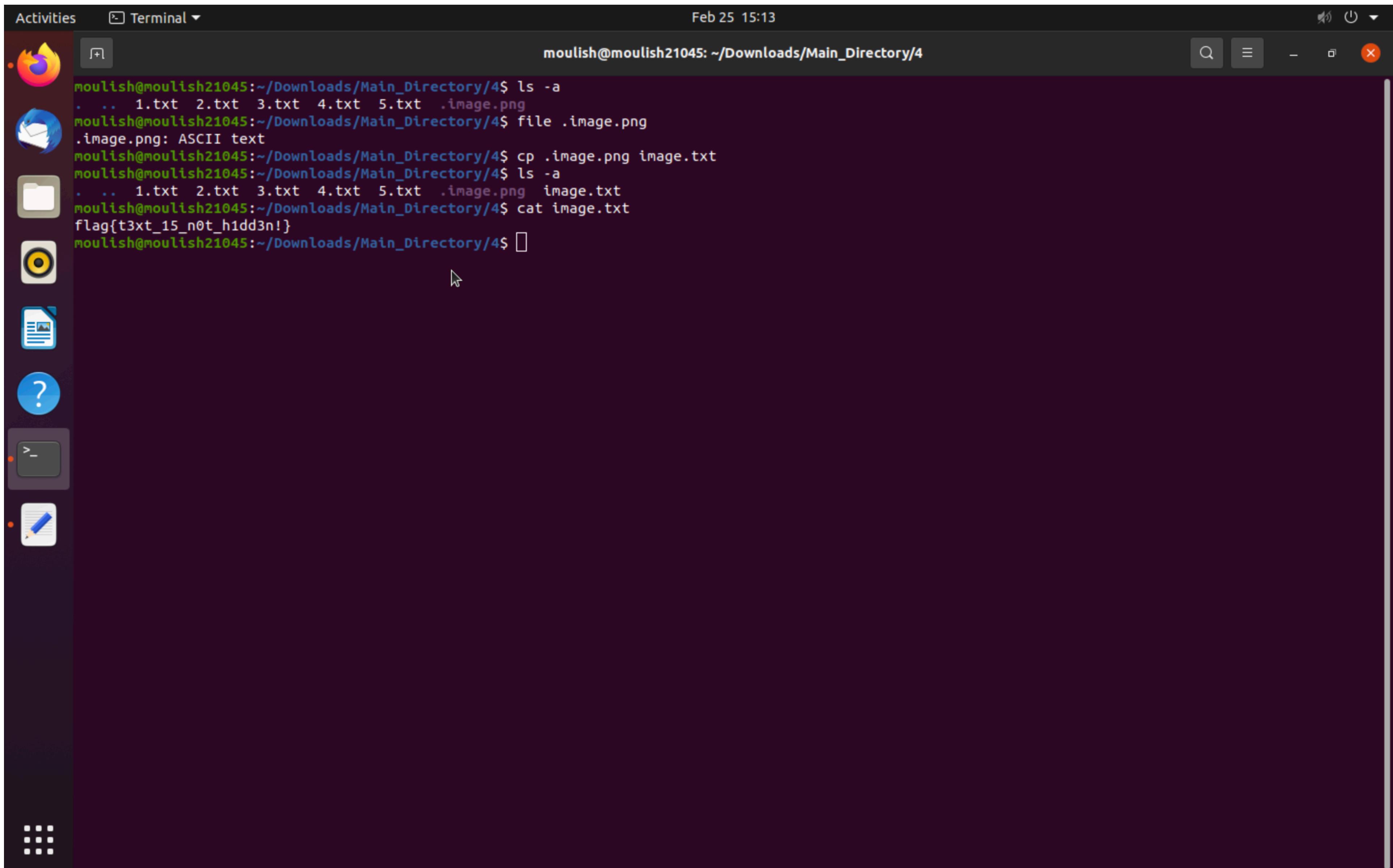
```
moulish@moulish21045:~/Downloads/Main_Directory/4$ ls -a
. .. 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
moulish@moulish21045:~/Downloads/Main_Directory/4$ file *
1.txt: empty
2.txt: empty
3.txt: empty
4.txt: ASCII text
5.txt: empty
moulish@moulish21045:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
moulish@moulish21045:~/Downloads/Main_Directory/4$
```

8)flag{t3xt\_15\_n0t\_h1dd3n!}

Activities Terminal ▾ Feb 25 15:13

moulish@moulish21045: ~/Downloads/Main\_Directory/4

```
moulish@moulish21045:~/Downloads/Main_Directory/4$ ls -a
. .. 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
moulish@moulish21045:~/Downloads/Main_Directory/4$ file .image.png
.image.png: ASCII text
moulish@moulish21045:~/Downloads/Main_Directory/4$ cp .image.png image.txt
moulish@moulish21045:~/Downloads/Main_Directory/4$ ls -a
. .. 1.txt 2.txt 3.txt 4.txt 5.txt .image.png image.txt
moulish@moulish21045:~/Downloads/Main_Directory/4$ cat image.txt
flag{t3xt_15_n0t_h1dd3n!}
moulish@moulish21045:~/Downloads/Main_Directory/4$
```



The image shows a screenshot of an Ubuntu desktop environment. On the left, there's a vertical dock with icons for various applications: a browser (Firefox), a mail client (Evolution), a file manager (Nautilus), a system monitor (Gnome System Monitor), a terminal (GNOME Terminal), and a text editor (gedit). The terminal window is active and displays a command-line session where a user has solved a challenge. The user navigated to a directory, listed files, checked the file type of a PNG image, copied it to a text file, and then read the contents of that text file to reveal the flag. The terminal window has a dark theme, and the desktop background is a solid dark color.

9)flag{d1ff\_15\_u53\_ful!}

Activities Terminal ▾

moulish@moulish21045: ~/Downloads/Main\_Directory/5

Feb 25 15:19

```
moulish@moulish21045:~/Downloads/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
moulish@moulish21045:~/Downloads/Main_Directory/5$ file *
execute_me.sh: ASCII text
reverse_me.txt: ASCII text
moulish@moulish21045:~/Downloads/Main_Directory/5$ diff .compare_me1.txt .compare_me2.txt
83c83
< f
---
> z
173c173
< l
---
> z
340c340
< a
---
> z
431c431
< g
---
> z
585c585
< {
---
> z
601d600
< d
665c664,665
< 1
---
> z
> z
769c769
< f
---
> z
876c876
< f
---
> z
938c938
< -
---
> z
1398a1399
```

Activities Terminal ▾

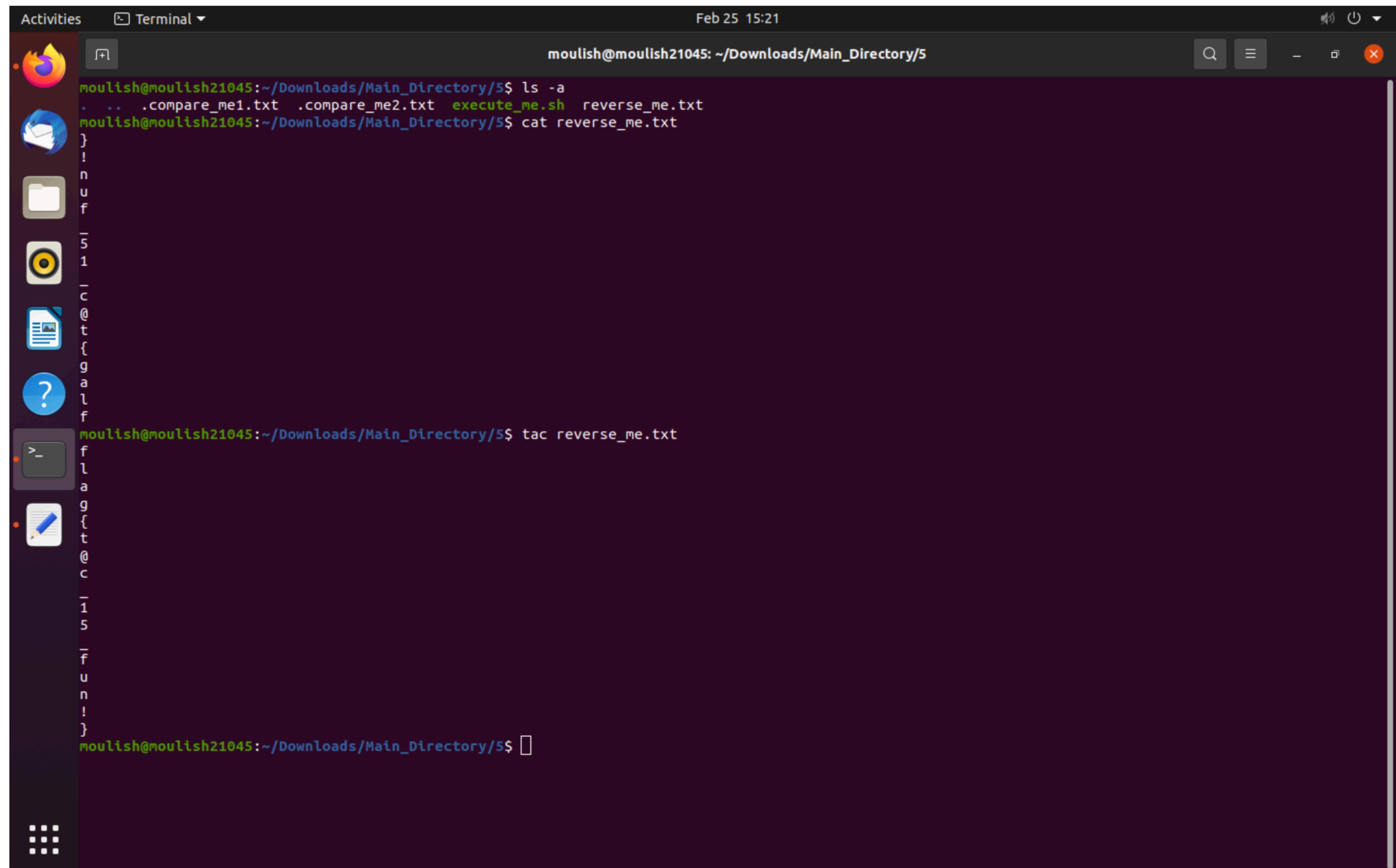
Feb 25 15:19

moulish@moulish21045: ~/Downloads/Main\_Directory/5

```
> z
938c938
< -
---> 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
< !
< }
---> z
> z
> z
```

moulish@moulish21045:~/Downloads/Main\_Directory/5\$

10)flag{t@c\_15\_fun!}

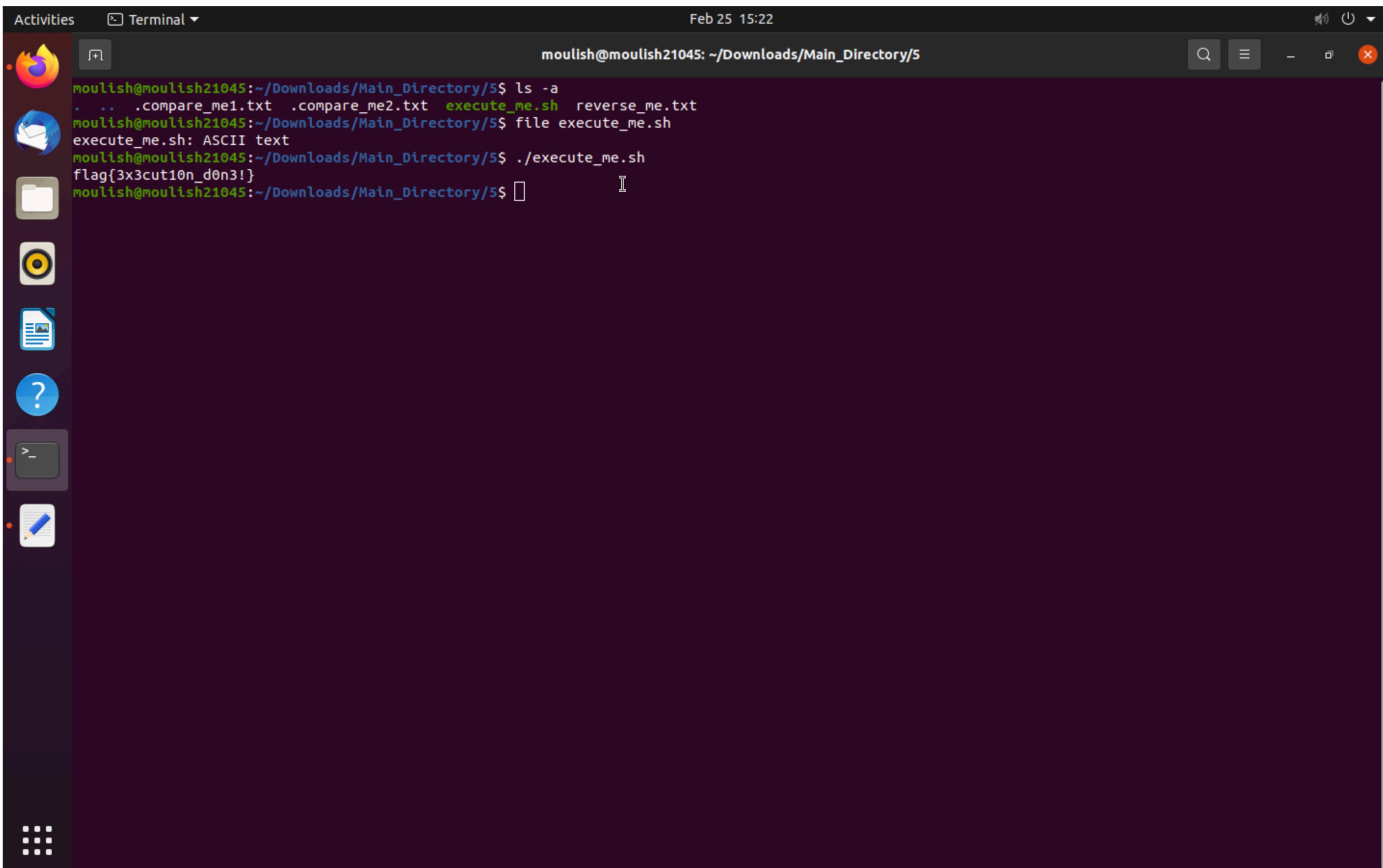


The image shows a screenshot of an Ubuntu desktop environment. On the left, there's a dock with several icons: a browser, a file manager, a terminal, a dash, a folder, a camera, a document, a question mark, a terminal icon, and a text editor icon. The main area is a terminal window titled "Terminal". The terminal shows the following session:

```
moulish@moulish21045:~/Downloads/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
moulish@moulish21045:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f
-
5
1
-
c
@
t
{
g
a
l
f
moulish@moulish21045:~/Downloads/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
-
1
5
-
f
u
n
!
}
moulish@moulish21045:~/Downloads/Main_Directory/5$
```

The terminal window has a dark purple background. The status bar at the top right shows the date and time: "Feb 25 15:21".

11)flag{3x3cut10n\_d0n3!}



The image shows a screenshot of an Ubuntu desktop environment. On the left, there is a vertical dock with various icons: Dash (home), Activities, Terminal (selected), Dash (home), Dash (recent), Dash (search), Dash (help), Dash (terminal), and Dash (documents).

The main area is a terminal window titled "Terminal". The terminal window has a dark theme with a light-colored title bar. The title bar displays "Activities Terminal" on the left, the date and time "Feb 25 15:22" in the center, and standard window control buttons (minimize, maximize, close) on the right.

The terminal window content shows a shell session:

```
moulish@moulish21045:~/Downloads/Main_Directory/5$ ls -a
. .. .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
moulish@moulish21045:~/Downloads/Main_Directory/5$ file execute_me.sh
execute_me.sh: ASCII text
moulish@moulish21045:~/Downloads/Main_Directory/5$ ./execute_me.sh
flag{3x3cut10n_d0n3!}
moulish@moulish21045:~/Downloads/Main_Directory/5$
```