

Jaleel Williamson

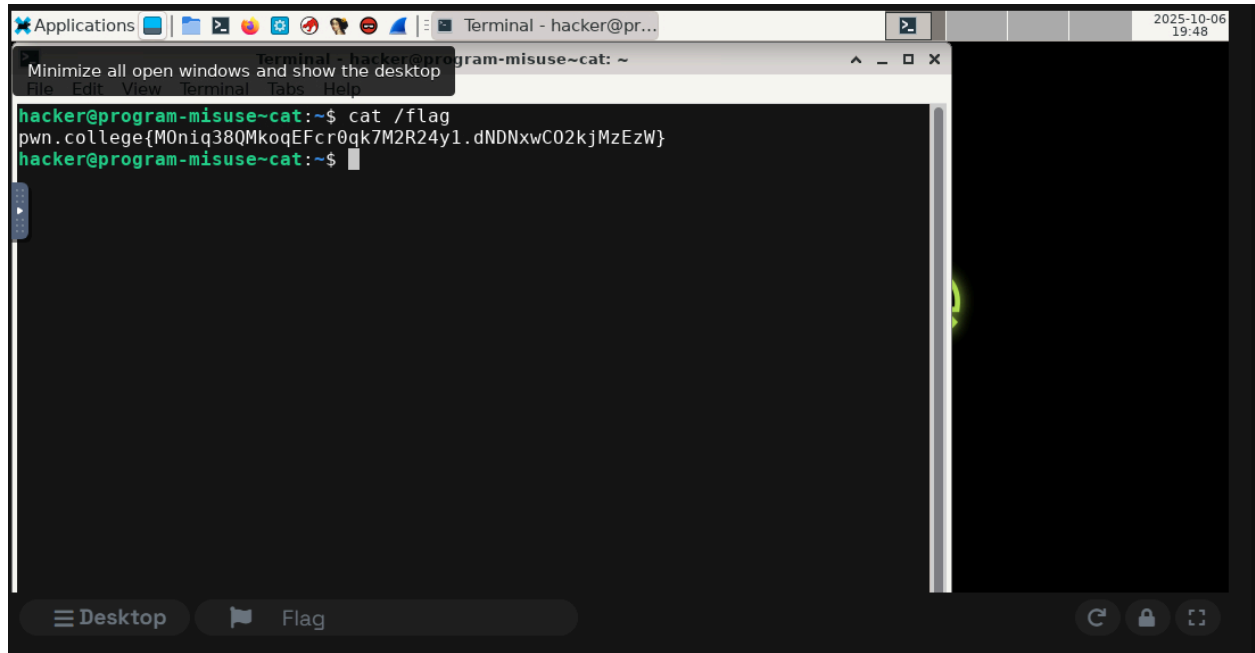
jayw-713

CSCI 400 Lab 10

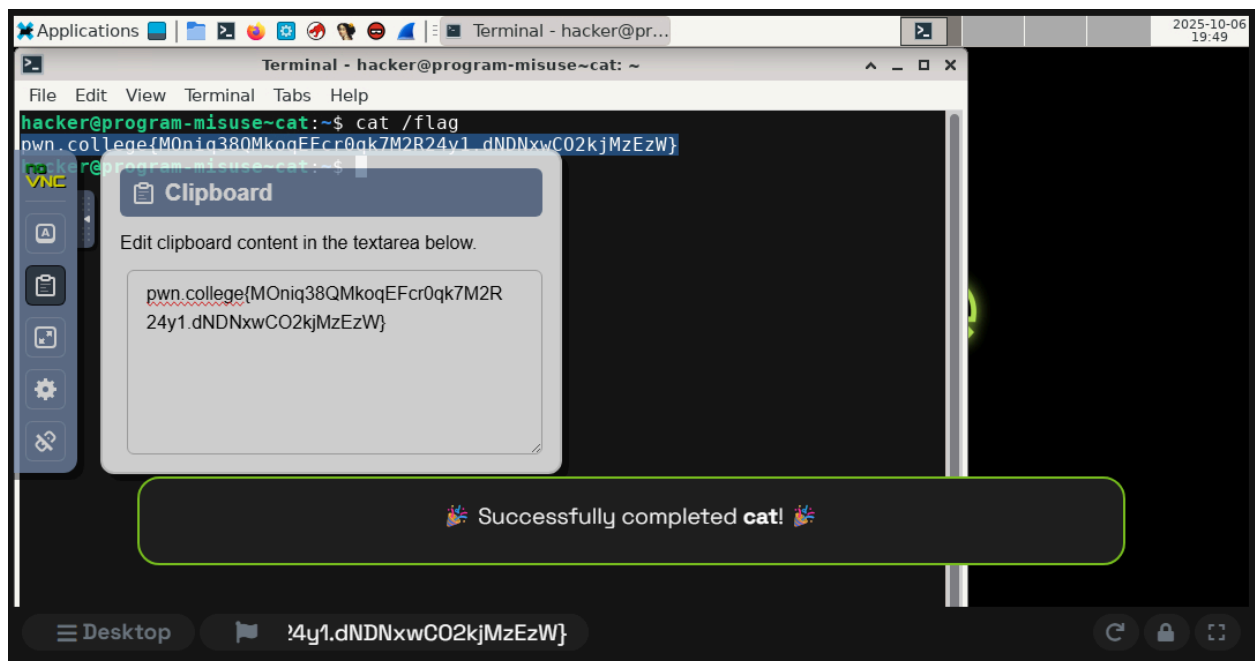
10/6/25

<https://pwn.college/fundamentals/program-misuse/>

- cat

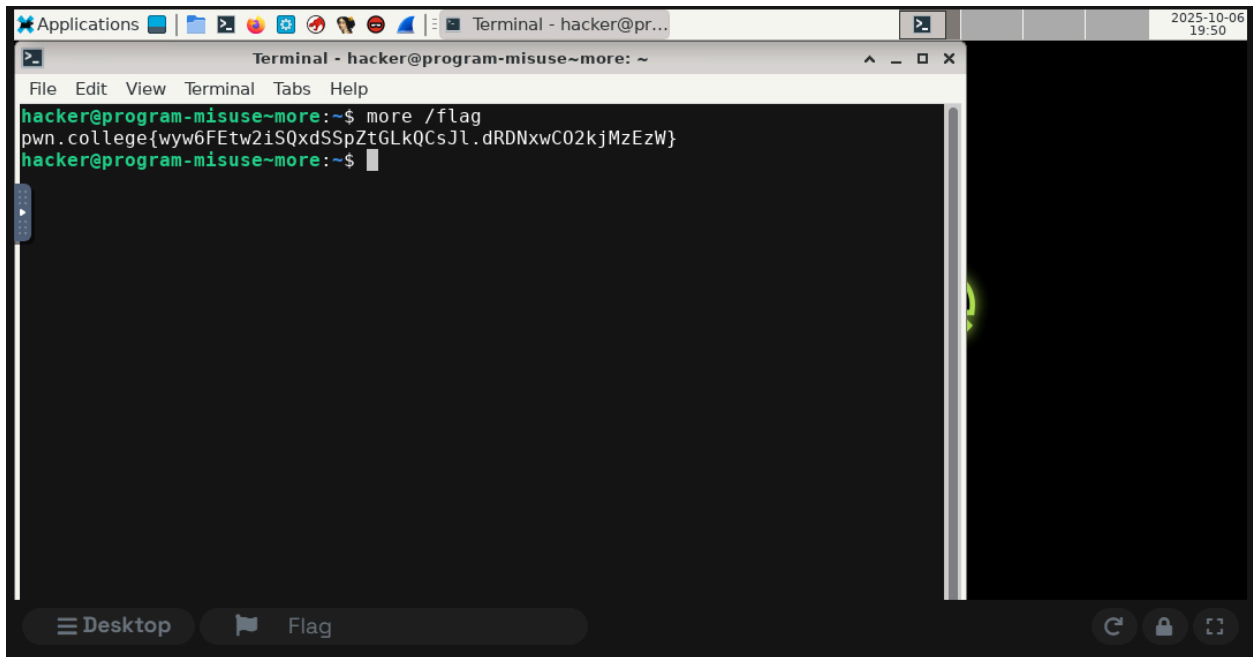


A terminal window titled "Terminal - hacker@pr..." is shown. The prompt is "hacker@program-misuse-cat: ~". The command "cat /flag" has been entered and executed, resulting in the output: "pwn.college{M0niq38QMkoqEFcr0qk7M2R24y1.dNDNxwCO2kjMzEzW}". The terminal window is part of a desktop environment with a taskbar at the bottom showing "Desktop" and "Flag" buttons.



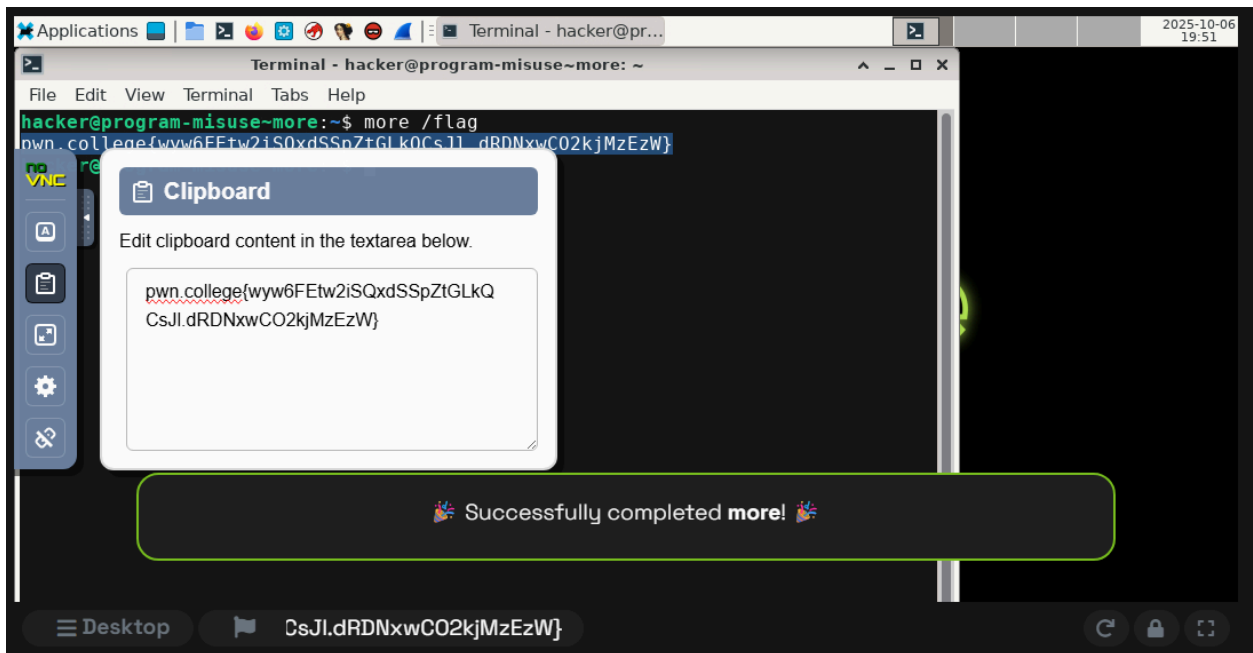
A terminal window titled "Terminal - hacker@pr..." is shown. The prompt is "hacker@program-misuse-cat: ~". The command "cat /flag" has been entered and executed, resulting in the output: "pwn.college{M0niq38QMkoqEFcr0qk7M2R24y1.dNDNxwCO2kjMzEzW}". A clipboard overlay is visible on the left side of the terminal, showing the command and its output. A success message "Successfully completed cat!" is displayed at the bottom of the terminal window. The terminal window is part of a desktop environment with a taskbar at the bottom showing "Desktop" and "4y1.dNDNxwCO2kjMzEzW}" buttons.

- more



A terminal window titled "Terminal - hacker@program-misuse~more: ~" is shown. The prompt is "hacker@program-misuse-more:~\$". The user has entered the command "more /flag". The output of the command is "pwn.college{wyw6FEtw2iSQxdSSpZtGLkQCsJl.dRDNxwCO2kjMzEzW}" displayed on the next line. The terminal has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The status bar at the bottom shows "Desktop" and "Flag".

```
hacker@program-misuse-more:~$ more /flag
pwn.college{wyw6FEtw2iSQxdSSpZtGLkQCsJl.dRDNxwCO2kjMzEzW}
hacker@program-misuse-more:~$
```



The same terminal window is shown, but now a clipboard manager window is open over the terminal. The clipboard manager has a title bar "Clipboard" and a text area containing the flag "pwn.college{wyw6FEtw2iSQxdSSpZtGLkQCsJl.dRDNxwCO2kjMzEzW}". Below the text area is a button that says "Successfully completed more!". The terminal window now shows the prompt "hacker@program-misuse-more:~\$" and the command "more /flag" has been executed. The status bar at the bottom shows "Desktop" and the flag "CsJl.dRDNxwCO2kjMzEzW".

```
hacker@program-misuse-more:~$ more /flag
pwn.college{wyw6FEtw2iSQxdSSpZtGLkQCsJl.dRDNxwCO2kjMzEzW}
hacker@program-misuse-more:~$
```

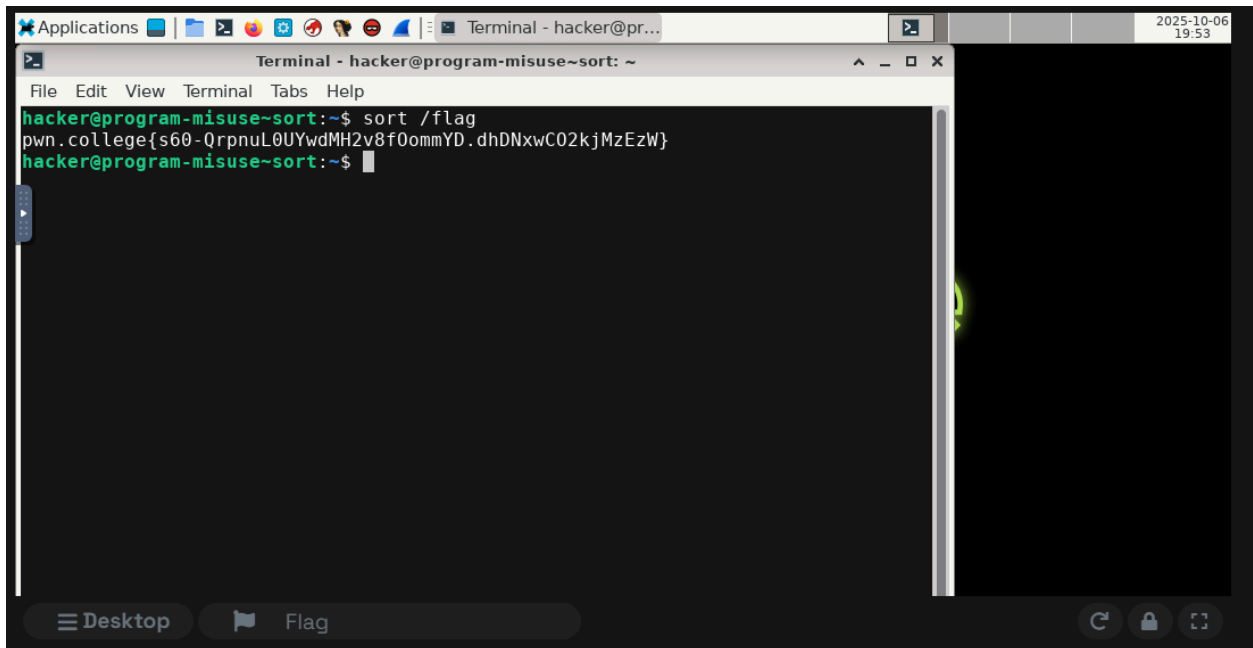
Clipboard

Edit clipboard content in the textarea below.

pwn.college{wyw6FEtw2iSQxdSSpZtGLkQCsJl.dRDNxwCO2kjMzEzW}

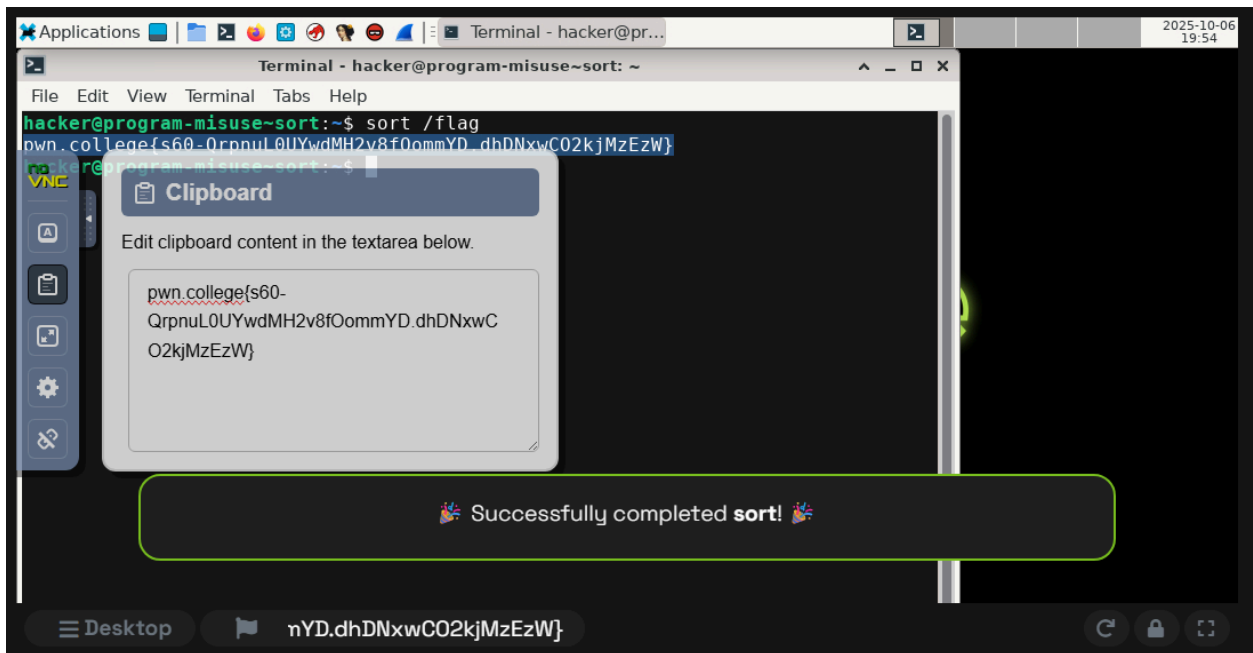
Successfully completed more!

- sort



A terminal window titled "Terminal - hacker@program-misuse~sort: ~" is shown. The prompt is "hacker@program-misuse~sort:~\$". The command "sort /flag" has been entered, and the output "pwn.college{s60-QrpnuL0UYwdMH2v8f0ommYD.dhDNxwC02kjMzEzW}" is displayed on the next line. The terminal has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The system tray at the bottom shows "Desktop", "Flag", and system icons. The date and time "2025-10-06 19:53" are in the top right corner.

```
hacker@program-misuse~sort:~$ sort /flag
pwn.college{s60-QrpnuL0UYwdMH2v8f0ommYD.dhDNxwC02kjMzEzW}
hacker@program-misuse~sort:~$
```



The same terminal window is shown, but now with a "Clipboard" overlay. The overlay contains the text "Edit clipboard content in the textarea below." and the output of the sort command: "pwn.college{s60-QrpnuL0UYwdMH2v8f0ommYD.dhDNxwC02kjMzEzW}". Below the overlay, a green message box says "Successfully completed sort! 🎉". The terminal prompt is now "hacker@program-misuse~sort:~\$". The system tray at the bottom shows "Desktop", "nYD.dhDNxwC02kjMzEzW}", and system icons. The date and time "2025-10-06 19:54" are in the top right corner.

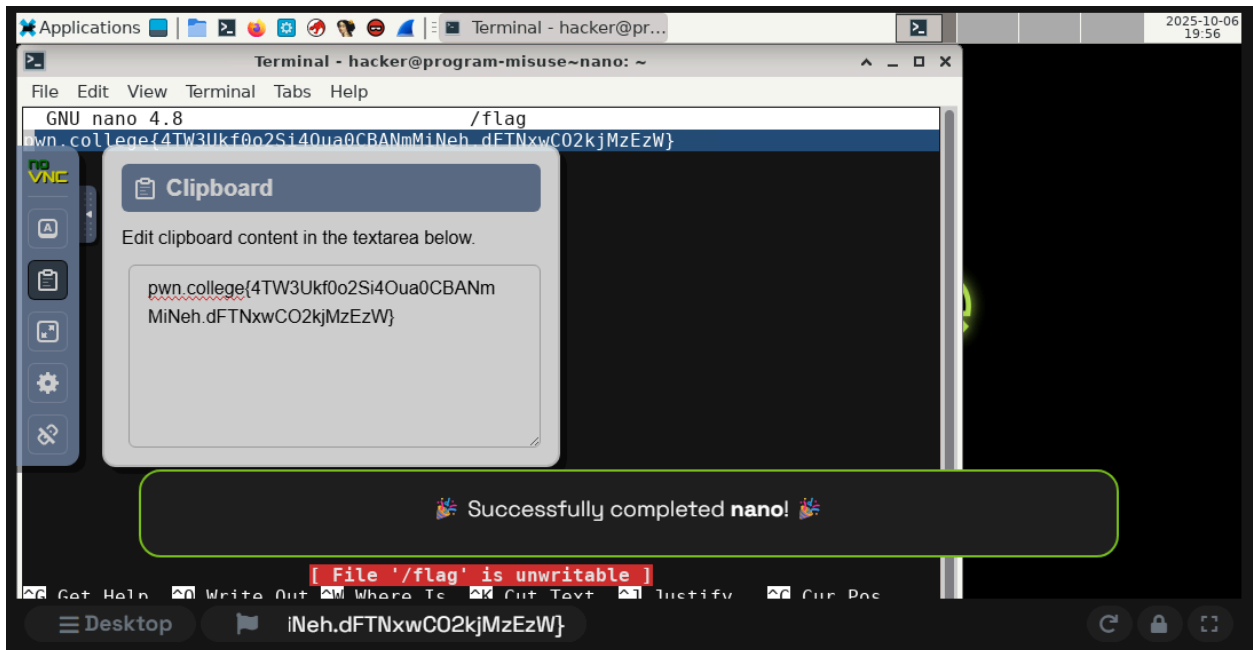
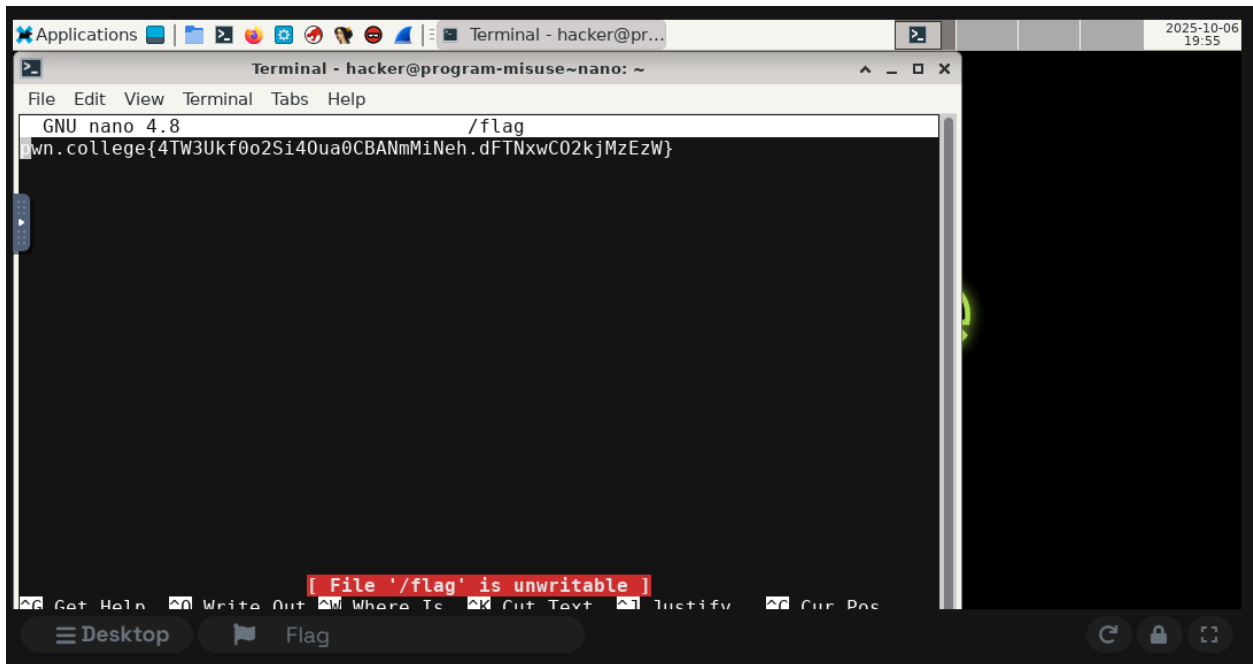
```
hacker@program-misuse~sort:~$ sort /flag
pwn.college{s60-QrpnuL0UYwdMH2v8f0ommYD.dhDNxwC02kjMzEzW}
hacker@program-misuse~sort:~$
```

Clipboard content:

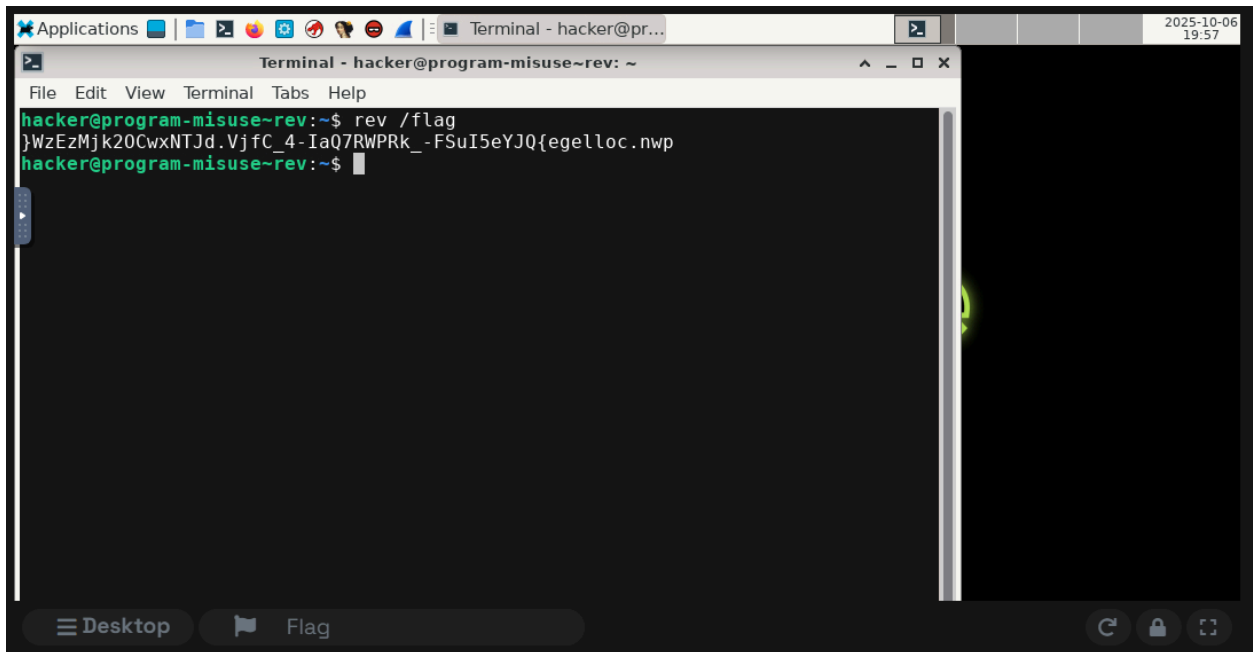
```
pwn.college{s60-
QrpnuL0UYwdMH2v8f0ommYD.dhDNxwC
02kjMzEzW}
```

Successfully completed sort! 🎉

- nano

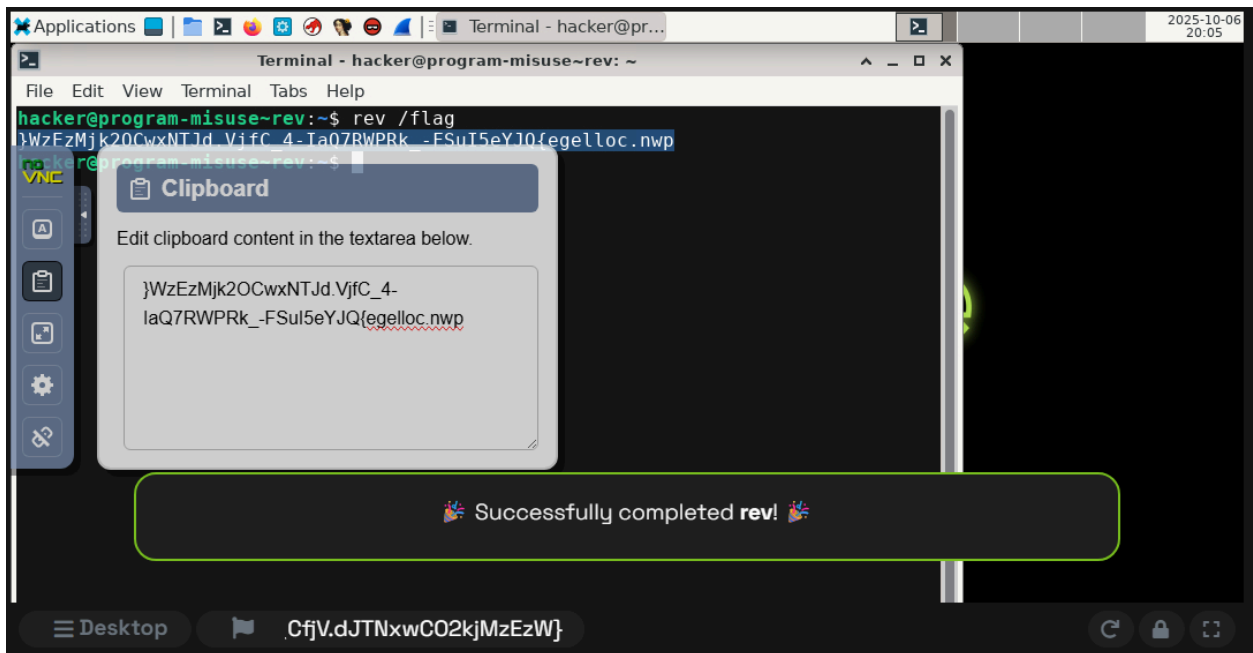


- rev



A terminal window titled "Terminal - hacker@program-misuse~rev: ~" is shown. The terminal has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The prompt is "hacker@program-misuse~rev:~\$". The command "rev /flag" has been entered, and the output is "}WzEzMjk20CwxNTJd.Vjfc_4-IaQ7RWPRk_-FSuI5eYJQ{egelloC.nwp". The terminal is part of a desktop environment with a taskbar at the bottom showing "Desktop" and "Flag" buttons. The system clock in the top right corner shows "2025-10-06 19:57".

```
hacker@program-misuse~rev:~$ rev /flag
}WzEzMjk20CwxNTJd.Vjfc_4-IaQ7RWPRk_-FSuI5eYJQ{egelloC.nwp
hacker@program-misuse~rev:~$
```



The same terminal window is shown, but with a "Clipboard" overlay. The overlay contains the text "Edit clipboard content in the textarea below." and the reversed flag "}WzEzMjk20CwxNTJd.Vjfc_4-IaQ7RWPRk_-FSuI5eYJQ{egelloC.nwp". Below the terminal, a green-bordered box contains the message "Successfully completed rev!". The terminal prompt is now "hacker@program-misuse~rev:~\$". The taskbar at the bottom shows "Desktop" and "CfjV.dJTNxwCO2kjMzEzWj" buttons. The system clock in the top right corner shows "2025-10-06 20:05".

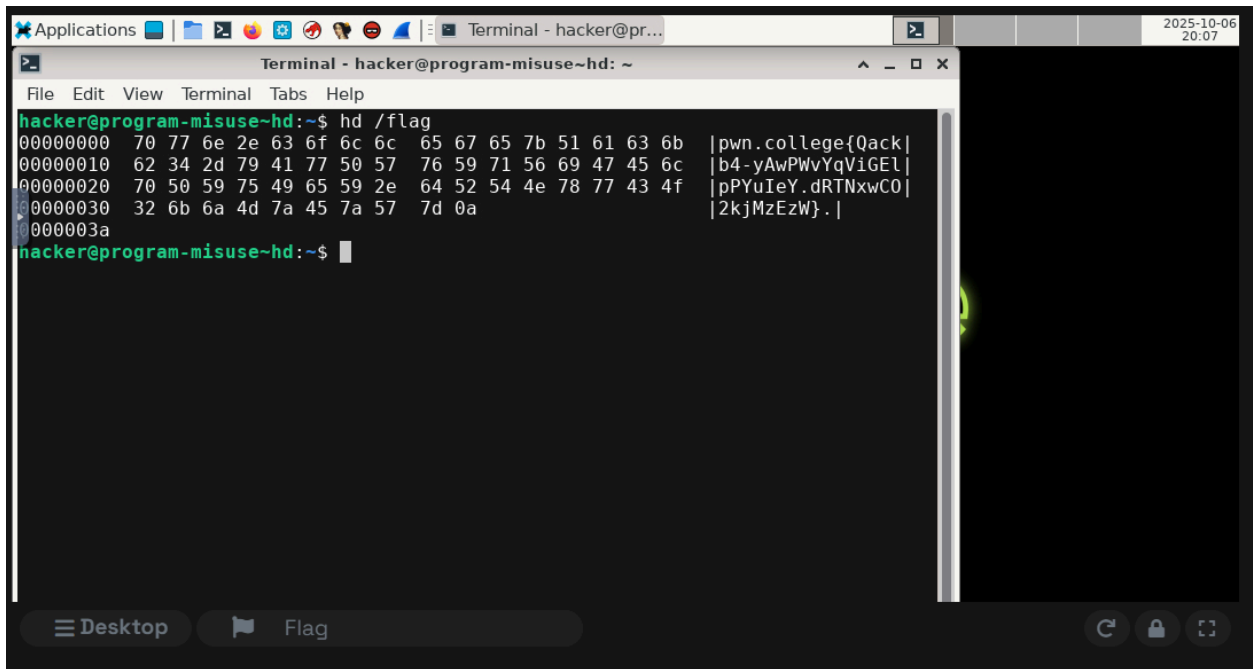
```
hacker@program-misuse~rev:~$ rev /flag
}WzEzMjk20CwxNTJd.Vjfc_4-IaQ7RWPRk_-FSuI5eYJQ{egelloC.nwp
hacker@program-misuse~rev:~$
```

Clipboard content:

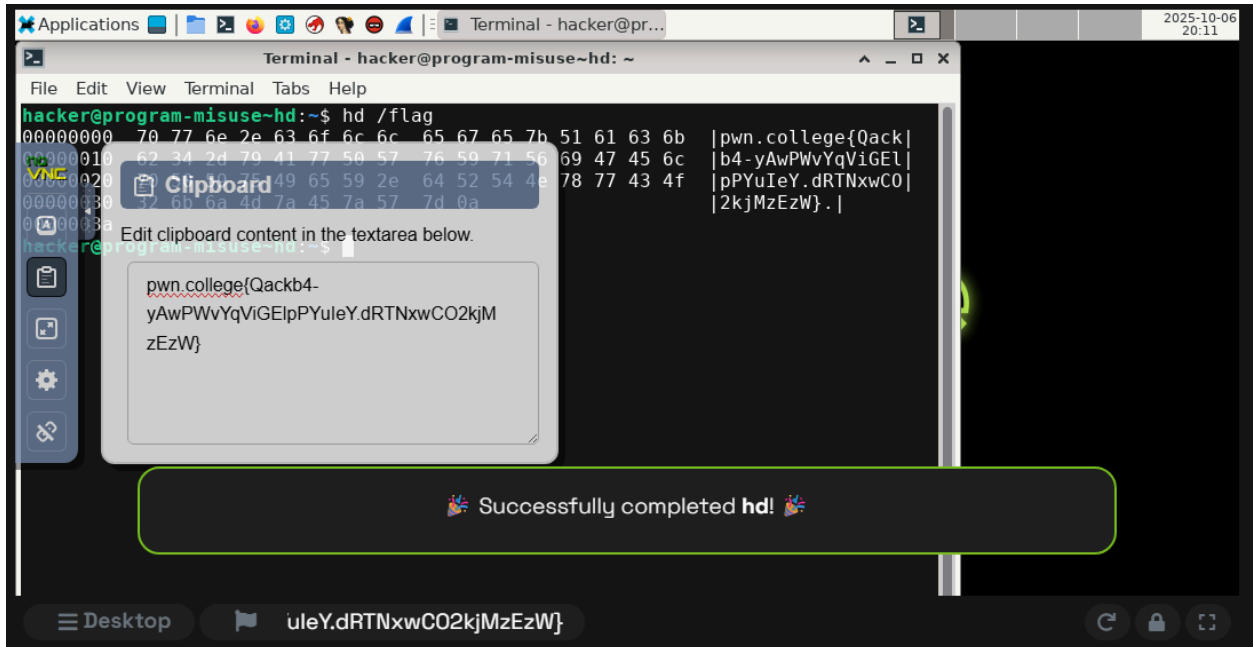
```
}WzEzMjk20CwxNTJd.Vjfc_4-IaQ7RWPRk_-FSuI5eYJQ{egelloC.nwp
```

Successfully completed rev!

- hd



```
hacker@program-misuse-hd:~$ hd /flag
00000000  70 77 6e 2e 63 6f 6c 6c 65 67 65 7b 51 61 63 6b |pwn.college{Qack|
00000010  62 34 2d 79 41 77 50 57 76 59 71 56 69 47 45 6c |b4-yAwPWvYqViGE|
00000020  70 50 59 75 49 65 59 2e 64 52 54 4e 78 77 43 4f |pPYuIeY.dRTNxcO|
00000030  32 6b 6a 4d 7a 45 7a 57 7d 0a                    |2kjMzEzW}.|
0000003a
hacker@program-misuse-hd:~$
```



```
hacker@program-misuse-hd:~$ hd /flag
00000000  70 77 6e 2e 63 6f 6c 6c 65 67 65 7b 51 61 63 6b |pwn.college{Qack|
00000010  62 34 2d 79 41 77 50 57 76 59 71 56 69 47 45 6c |b4-yAwPWvYqViGE|
00000020  70 50 59 75 49 65 59 2e 64 52 54 4e 78 77 43 4f |pPYuIeY.dRTNxcO|
00000030  32 6b 6a 4d 7a 45 7a 57 7d 0a                    |2kjMzEzW}.|
0000003a
hacker@program-misuse-hd:~$
```

Clipboard

Edit clipboard content in the textarea below.

```
pwn.college{Qackb4-
yAwPWvYqViGEIpPYuleY.dRTNxcO2kjM
zEzW}
```

Successfully completed hd!

- base64

```
hacker@program-misuse~base64:~$ base64 /flag
cHduLmNvbGx1Z2V7NDd3ZjkdUx4VERxTjQxSnRfNkJoNVJZMTJVLmRkVE54d0NPMmtqTXpFe1d9
Cg==
hacker@program-misuse~base64:~$ printf 'cHduLmNvbGx1Z2V7NDd3ZjkdUx4VERxTjQxSnRfNkJoNVJZMTJVLmRkVE54d0NPMmtqTXpFe1d9
Cg==' | base64 -d
pwn.college{47wf93uLxTDqN41Jt_68h5RY12U.ddTNxwC02kJMzEzW}
hacker@program-misuse~base64:~$
```

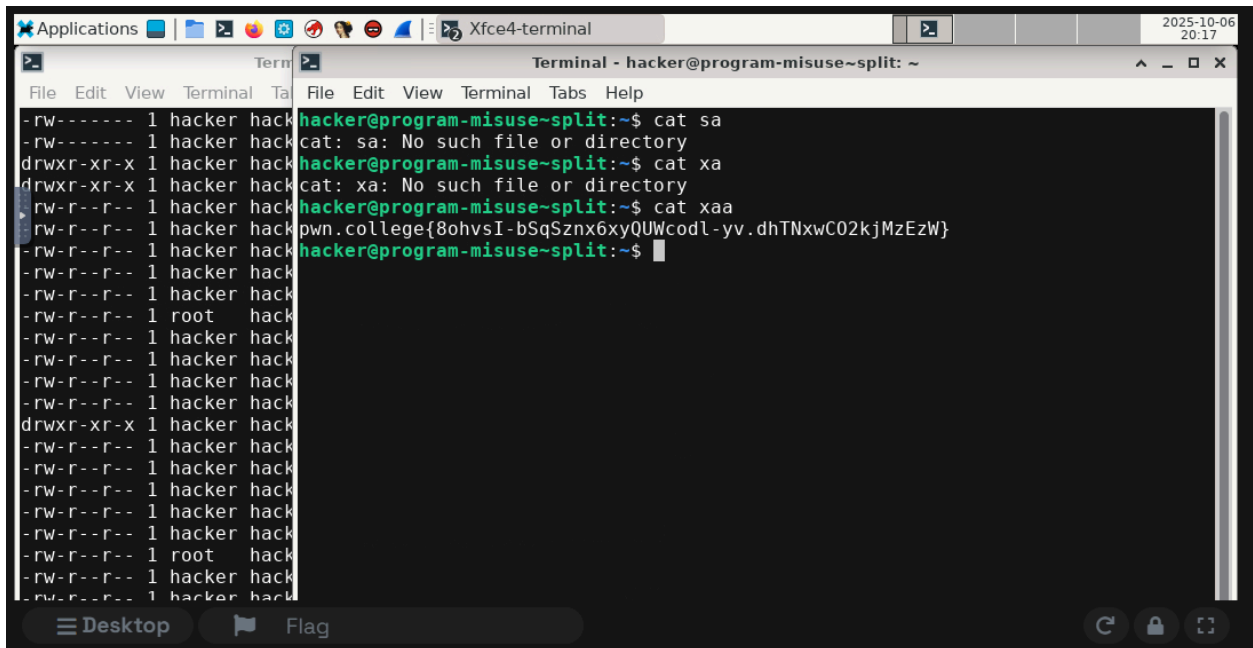
Terminal Flag

```
hacker@program-misuse~base64:~$ base64 /flag
cHduLmNvbGx1Z2V7NDd3ZjkdUx4VERxTjQxSnRfNkJoNVJZMTJVLmRkVE54d0NPMmtqTXpFe1d9
Cg==
hacker@program-misuse~base64:~$ printf 'cHduLmNvbGx1Z2V7NDd3ZjkdUx4VERxTjQxSnRfNkJoNVJZMTJVLmRkVE54d0NPMmtqTXpFe1d9
Cg==' | base64 -d
pwn.college{47wf93uLxTDqN41Jt_68h5RY12U.ddTNxwC02kJMzEzW}
hacker@program-misuse~base64:~$
```

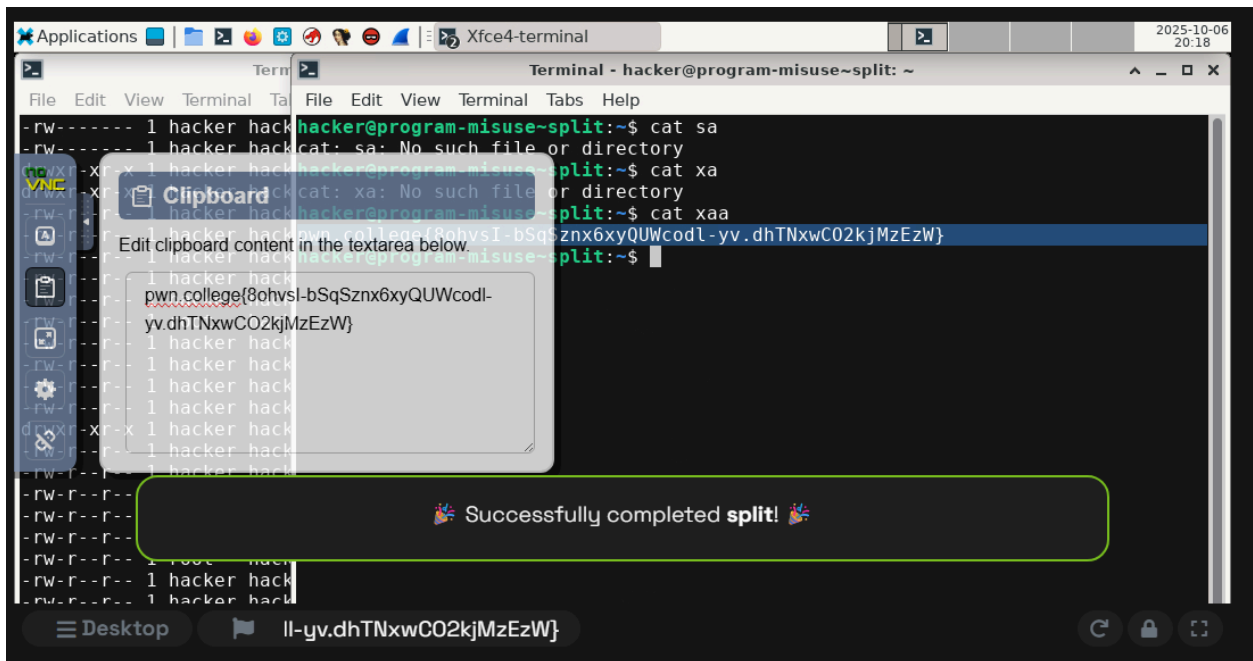
Successfully completed base64!

Terminal '12U.ddTNxwC02kJMzEzW}

- split



```
hacker@program-misuse~split:~$ cat sa
cat: sa: No such file or directory
hacker@program-misuse~split:~$ cat xa
cat: xa: No such file or directory
hacker@program-misuse~split:~$ cat xaa
pwn.college{8ohvsI-bSqSznx6xyQUWcodl-yv.dhTNxwCO2kjMzEzW}
hacker@program-misuse~split:~$
```



```
hacker@program-misuse~split:~$ cat sa
cat: sa: No such file or directory
hacker@program-misuse~split:~$ cat xa
cat: xa: No such file or directory
hacker@program-misuse~split:~$ cat xaa
pwn.college{8ohvsI-bSqSznx6xyQUWcodl-yv.dhTNxwCO2kjMzEzW}
hacker@program-misuse~split:~$
```

Successfully completed split!