Lab 4

CS 5-1 - BSCS – Operating System Lab

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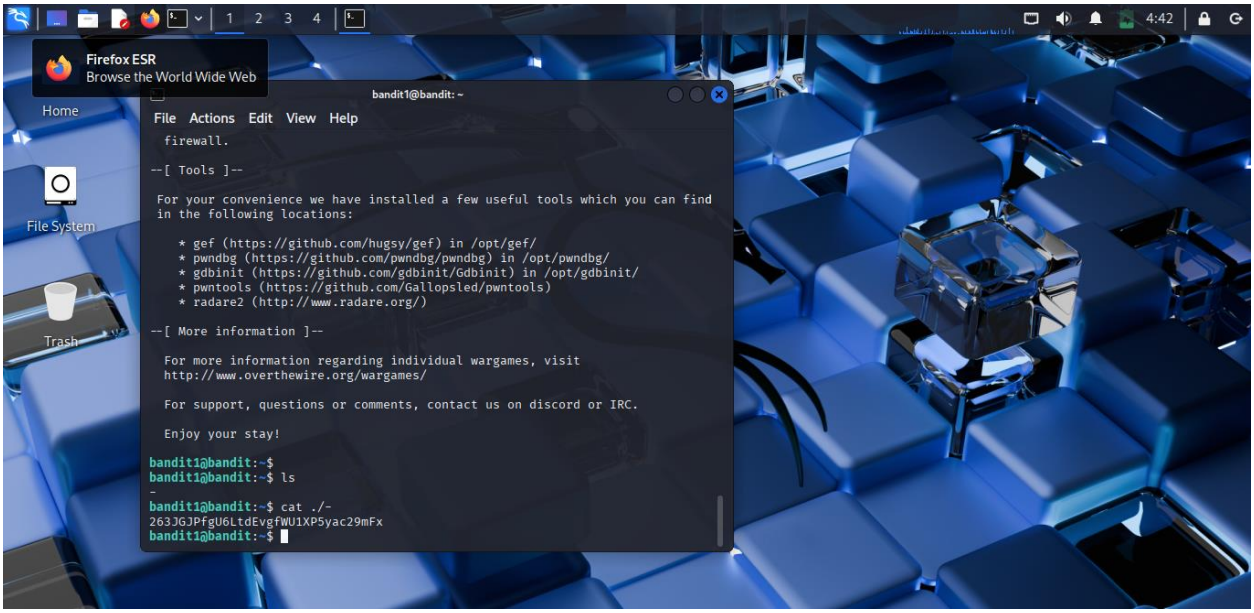
Bandit-0

Learn to connect via SSH and read a file to get the next password.

Bandit-1

Handle files with tricky names (like –) using proper paths.

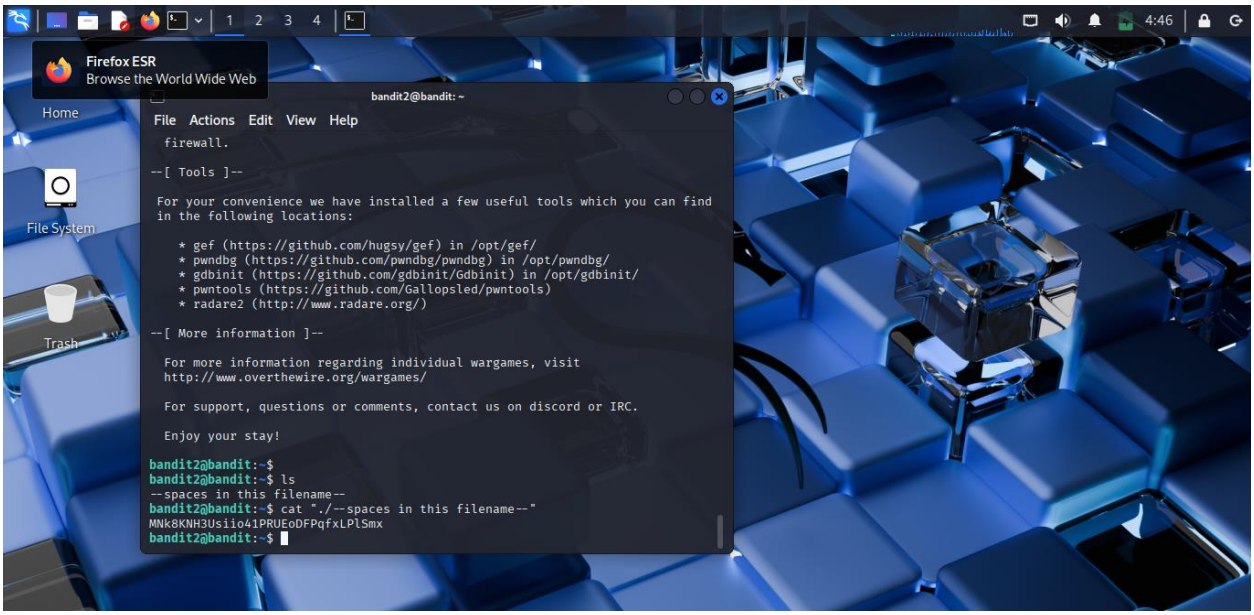
cat ./-



Bandit-2

Open files with spaces or special characters in their names.

Cat “./--speces in this filename—"

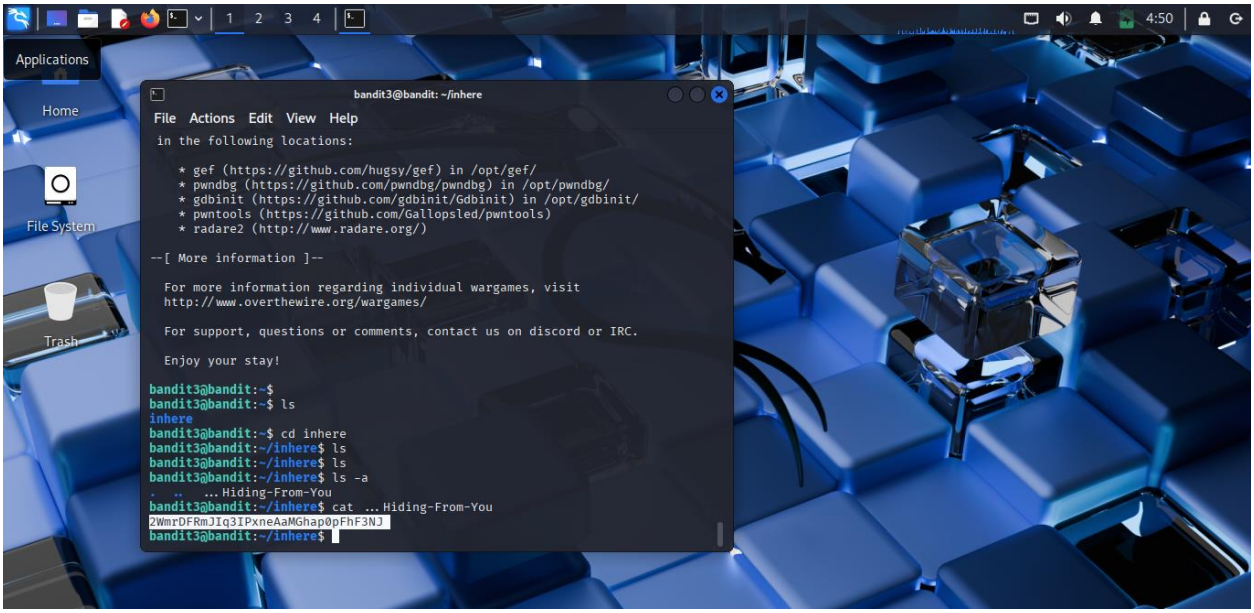


Bandit-3

Discover and read hidden files in a directory.

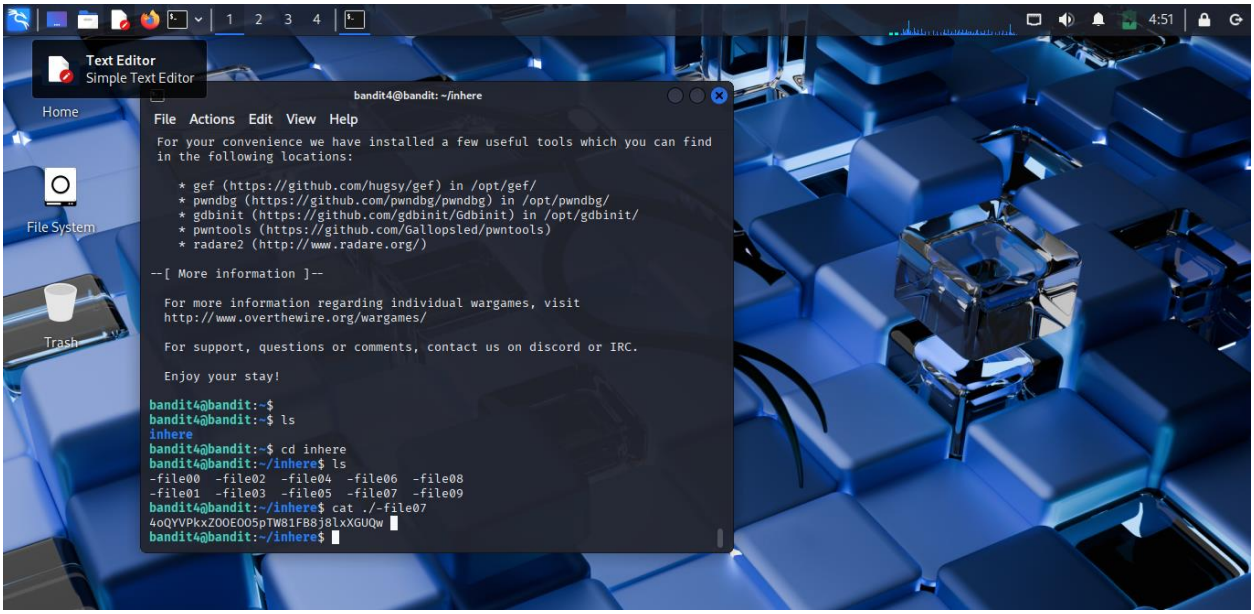
Cd inhere

Cat …Hiding-From-You



Bandit-4

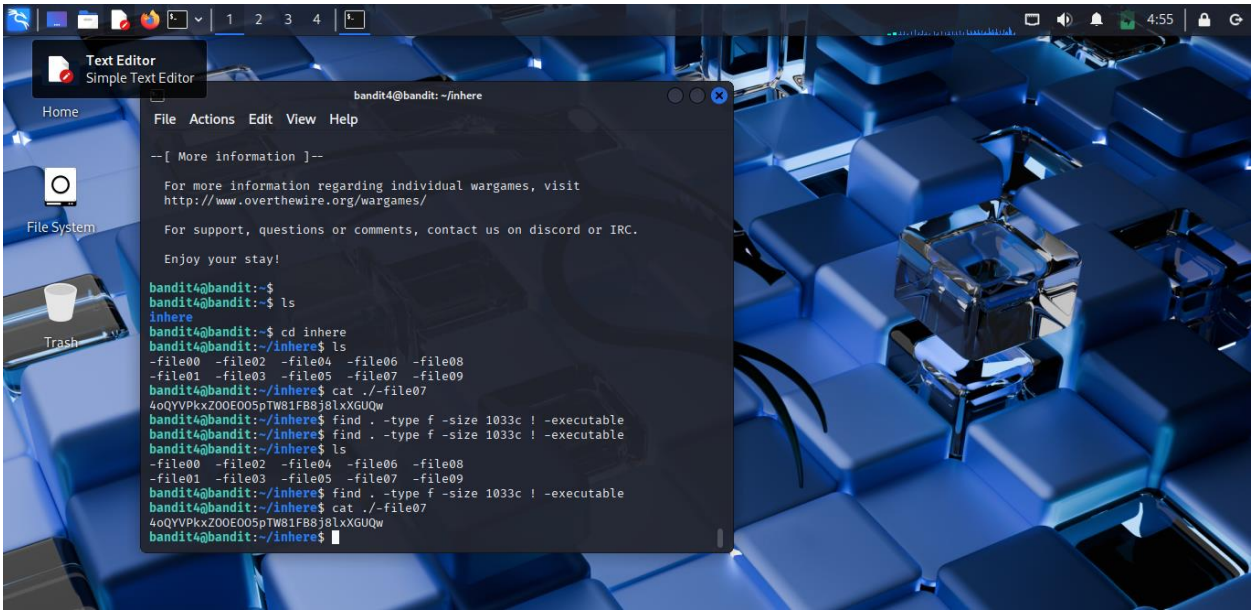
Search directories to find files with specific properties.



Bandit-5

Use `find` to locate a non-executable file of exact size.

find . -type f -size 1033c ! -executable



Bandit-6

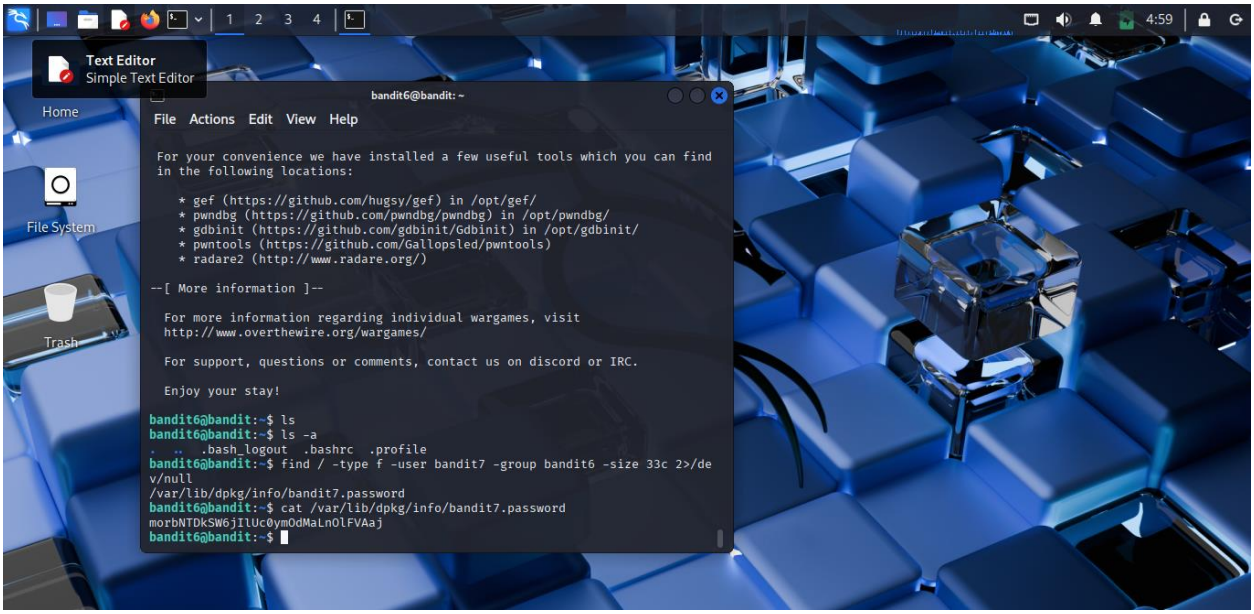
Find a file owned by a specific user and group with given size.

find . -type f -size 1033c ! -executable && cat file

Bandit-7

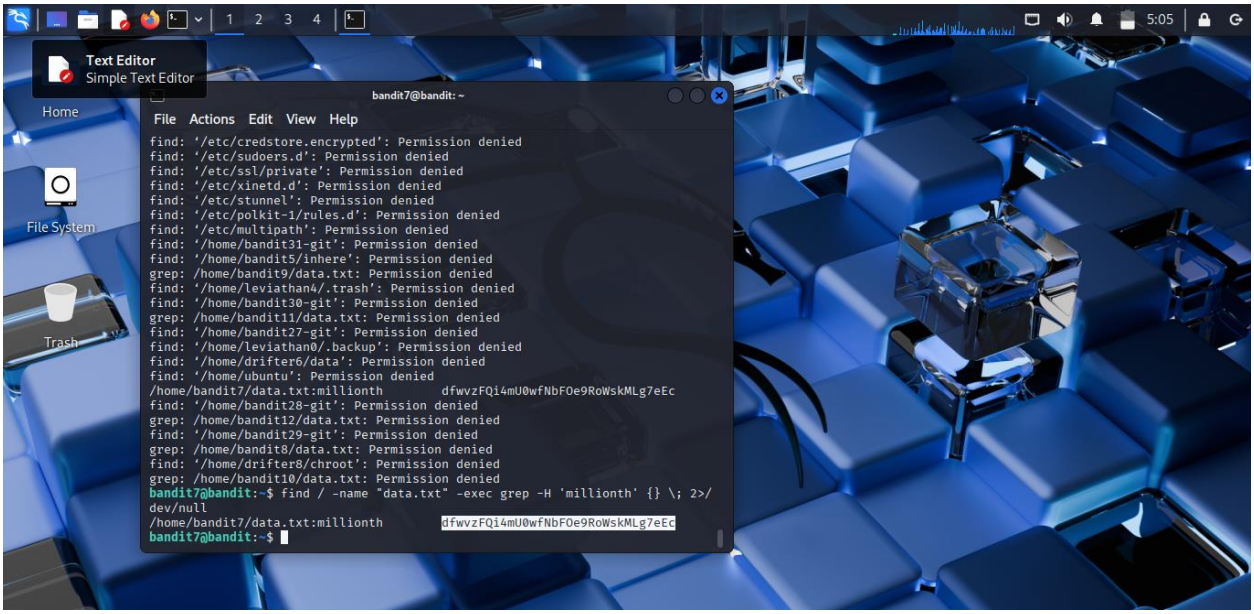
Find a file owned by a specific user and group with given size.

find / -user bandit7 -group bandit6 -size 33c 2>/dev/null



Bandit-8

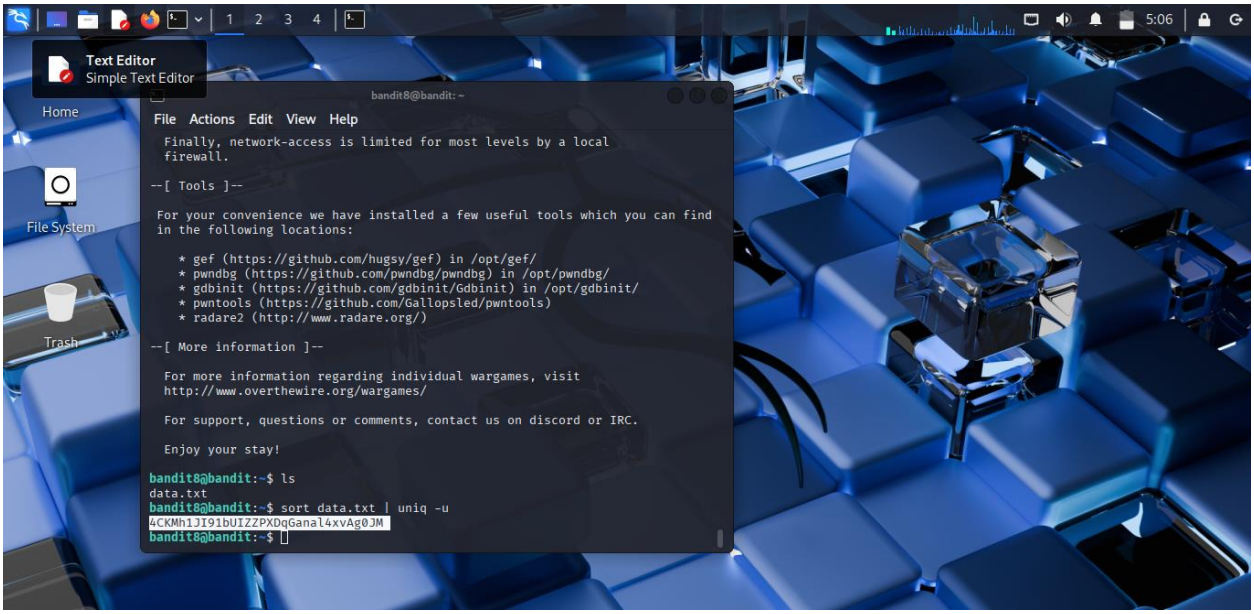
Search a text file for a line containing the keyword millionth.



Bandit-9

Identify the only unique line in a large text file.

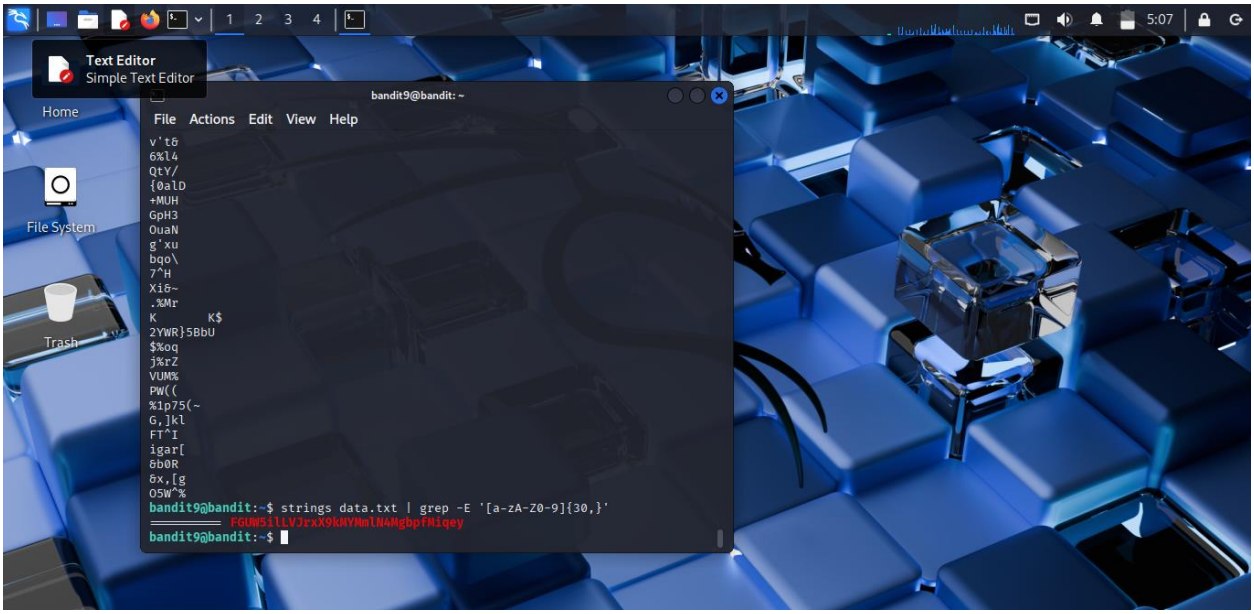
sort data.txt | uniq -u



Bandit-10

Extract human-readable strings from a binary file.

strings data.txt | grep -E '[A-Za-z0-9]{30,}'



Bandit-11

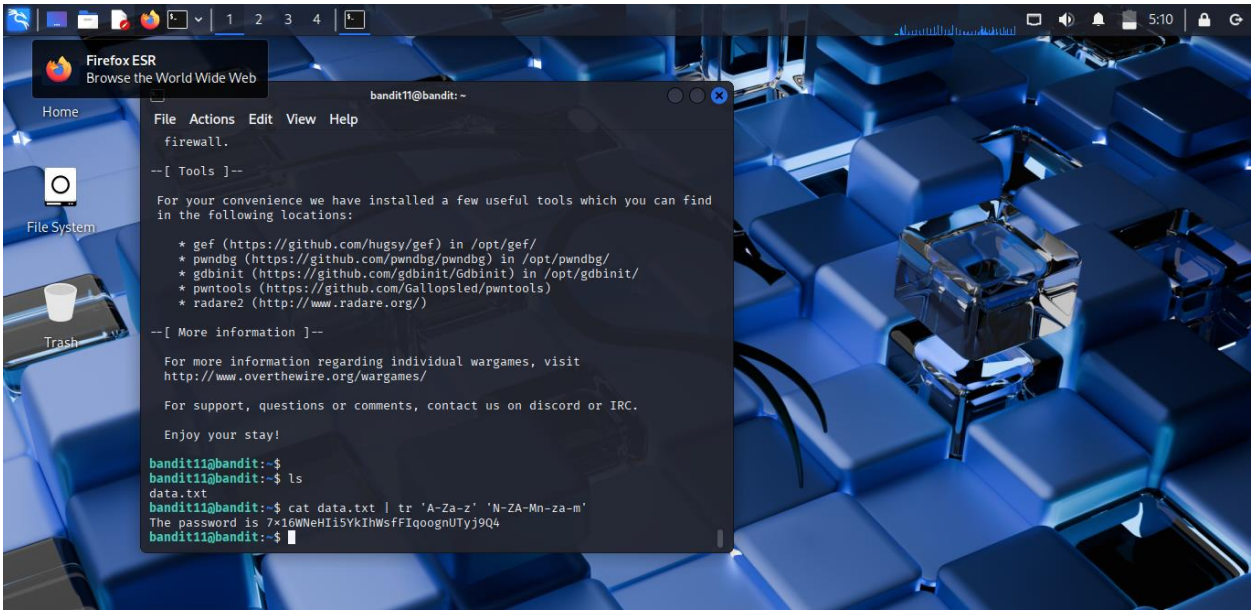
Decode a base64-encoded file to reveal the password.

strings data.txt | grep -Eo '([A-Za-z0-9+/]{30,}={0,2})' | while read s; do echo "$s" | base64 -d 2>/dev/null && echo; done

Bandit-12

Decrypt a ROT13-encoded file using tr

cat data.txt | tr 'A-Za-z' 'N-ZA-Mn-za-m'



7x16WNeHIi5YkIhWsfFIqoognUTyj9Q4