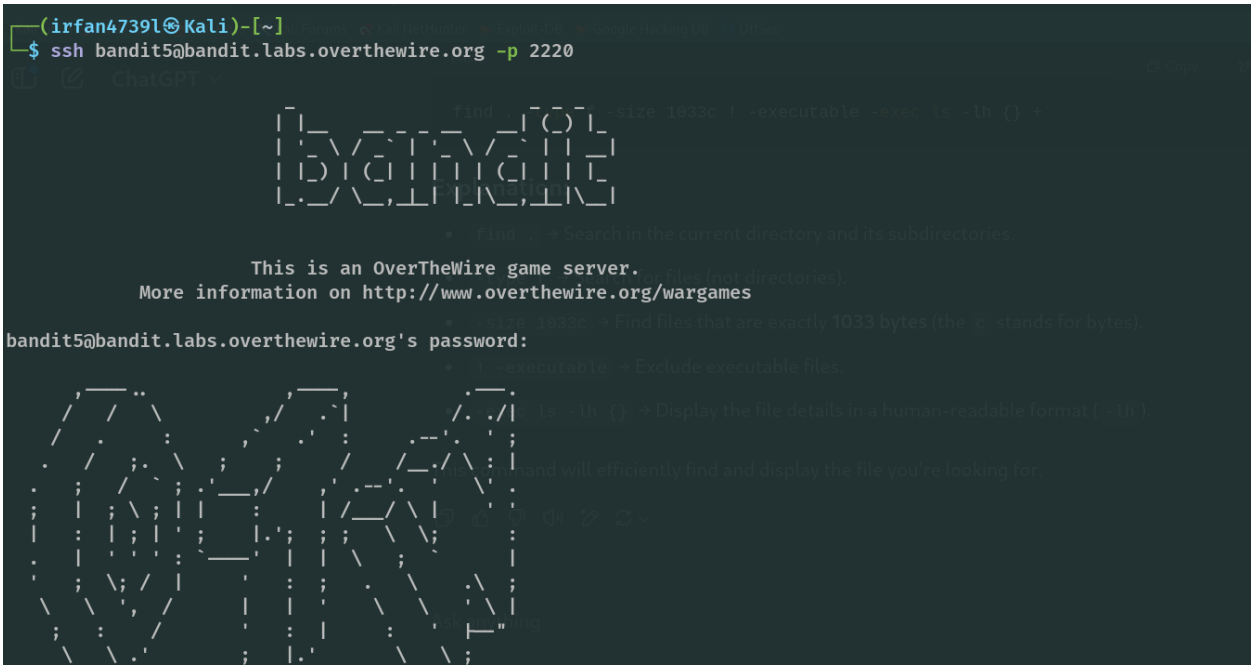
Bandit Level 5 to Level 10

Level 5 → Level 6:

The password for the next level is stored in a file somewhere under the **inhere** directory and has all of the following properties:

- human-readable
- 1033 bytes in size
- not executable

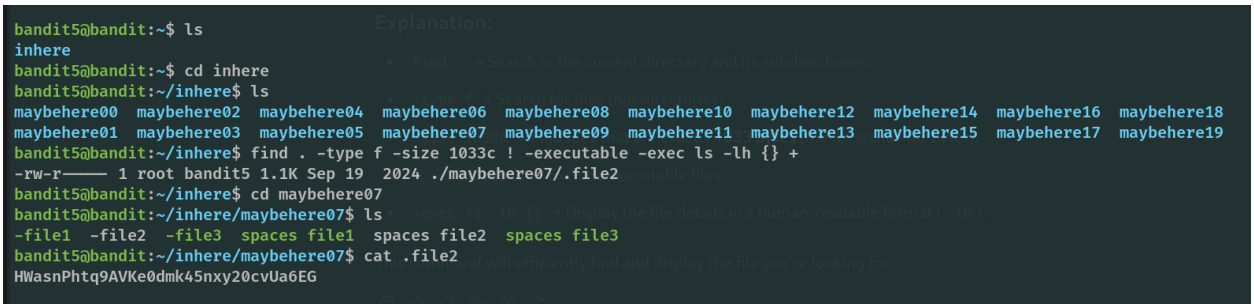
First, I logged into level 5 using SSH and used the password I found in the previous level.



To view the list of files, I used the **ls** command, and it showed a directory named **inhere**. To enter the directory, I used the command **cd inhere.** After that, I ran the **ls** command again, it showed the so many directories. I wanted to find the file under the condition :human-readable,1033 bytes in size,not executable So I used the command to find the password of next level:
find . -type f -size 1033c ! -executable -exec ls -lh {} +

Explanation:

- **find .** → Search in the current directory and its subdirectories.
- **-type f** → Search for files (not directories).
- **-size 1033c** → Find files that are exactly **1033 bytes** (the c stands for bytes).
- **! -executable** → Exclude executable files.
- **-exec ls -lh {}** → Display the file details in a human-readable format (-lh).

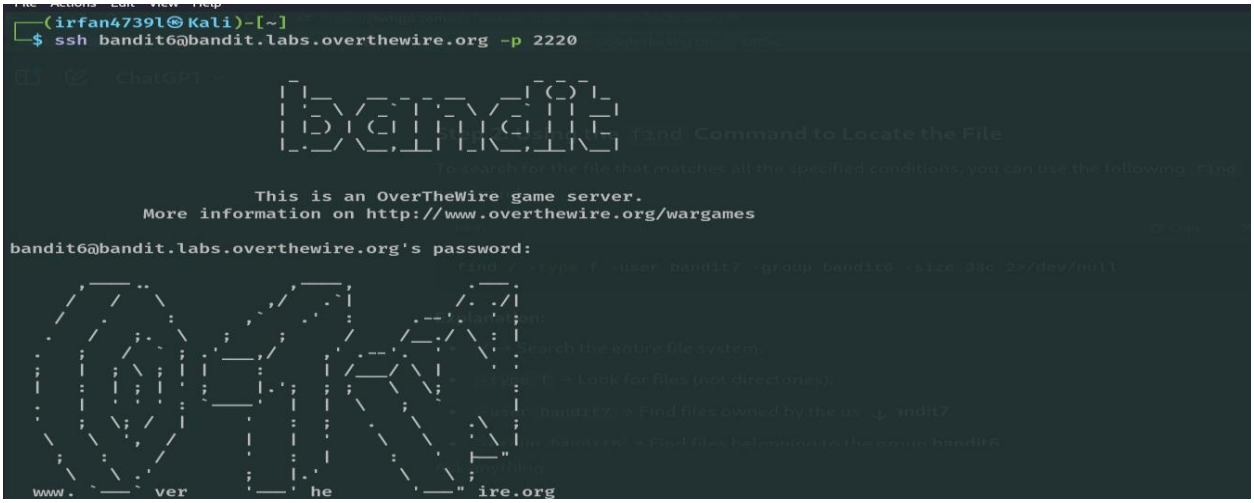


Level 6 → Level 7:

The password for the next level is stored **somewhere on the server** and has all of the following properties:

- owned by user bandit7
- owned by group bandit6
- 33 bytes in size

First, I logged into level 6 using SSH and used the password I found in the previous level.



Based on the given properties in the question, I found the next level password by using the command to find the password of next level:

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

2>/dev/null → Suppress error messages (e.g., permissions denied).

```
bandit6@bandit:~$ ls
bandit6@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile
bandit6@bandit:~$ find / -type f -user bandit7 -group bandit6 -size 33c 2>/dev/null
/var/lib/dpkg/info/bandit7.password
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
morbNTDkSW6jIlUc0ymOdMaLnOlFVAaj
bandit6@bandit:~$
```

Level 7 → Level 8:

The password for the next level is stored in the file **data.txt** next to the word **millionth.**

First, I logged into level 7 using SSH and used the password I found in the previous level.

To view the list of directories or files, I used the ls command, and it showed a file named **data.txt**. Based on the question, the password is stored in the word **millionth**. To find this, I used the following command to find the password of next level:

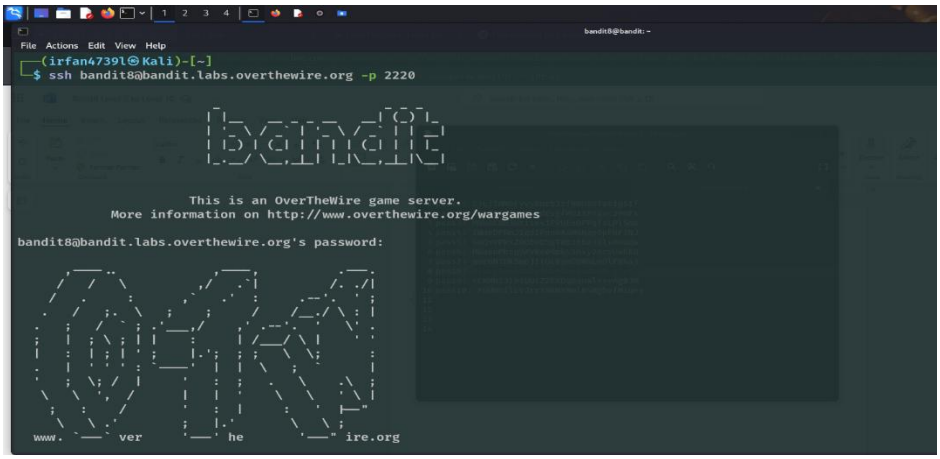
cat data.txt | grep millionth

```
bandit7@bandit:~$ ls
data.txt
bandit7@bandit:~$ cat data.txt | grep millionth
millionth       dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc
bandit7@bandit:~$
```

Level 8 → Level 9:

The password for the next level is stored in the file **data.txt** and is the only line of text that occurs only once.

First, I logged into level 8 using SSH and used the password I found in the previous level.

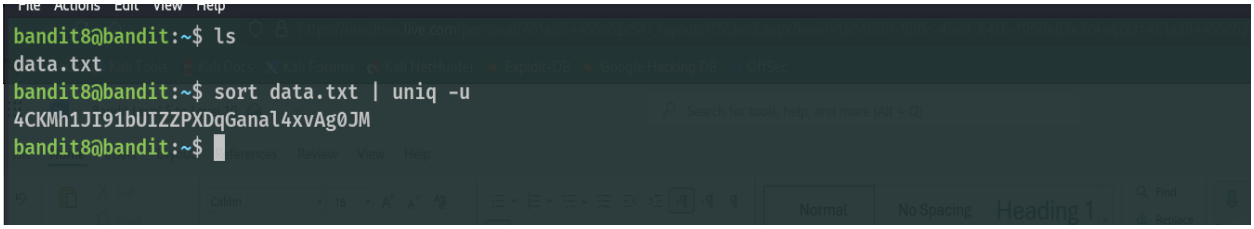


To view the list of directories or files, I used the ls command, and it showed a file named **data.txt**. Based on the question, to find the only line of text that occurs once, I used the following command to find the password of next level::

sort data.txt | uniq -u

uniq → This command filters out **duplicate** lines from the sorted output.

-u → This option specifically **prints only the lines that are unique** (appear **exactly once**).



Level 9 → Level 10:

The password for the next level is stored in the file **data.txt** in one of the few human-readable strings, preceded by several '=' characters.

First, I logged into level 8 using SSH and used the password I found in the previous level.

To view the list of directories or files, I used the ls command, and it showed a file named **data.txt**. Based on the Question , to find one of the few human-readable strings, preceded by several ‘=’ characters. So i used the following command to find the password of next level:

strings data.txt | grep '='