

Name: Raagaveda Emmadisetty

CH.EN.U4CSE20119

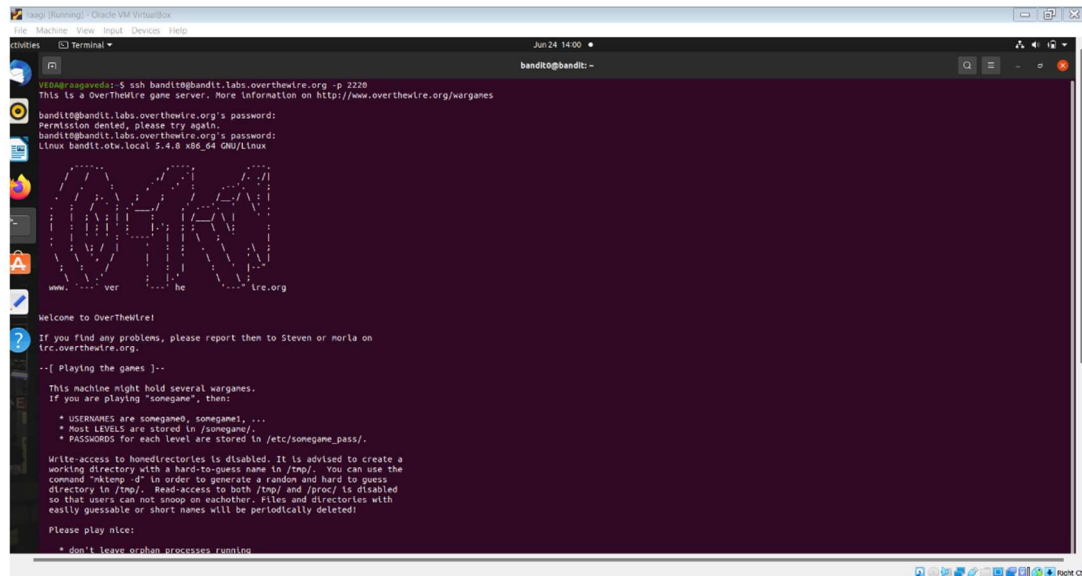
Discord Handle: Raagaveda Emmadisetty#4827

TASK 5-LINUX GAMES

TASK GIVEN:

Read the instructions given on the OverTheWire website properly and then find whatever is needed to proceed to the next levels. You have to complete up to **level 15**. Submit us a **PROPER PDF** document of the passwords you found along with the screenshots of the passwords.

LEVEL 0:



```
bandit@bandit:~$ ssh bandit@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit@bandit.labs.overthewire.org's password:
Linux bandit.0tw.local 5.4.0-86-generic #90~16.04.1-Ubuntu SMP Tue Aug 14 22:03:12 UTC 2018; root:x86_64 GNU/Linux

Welcome to OverTheWire!
If you find any problems, please report them to Steven or Morla on
irc.overthewire.org.

--[ Playing the games ]--

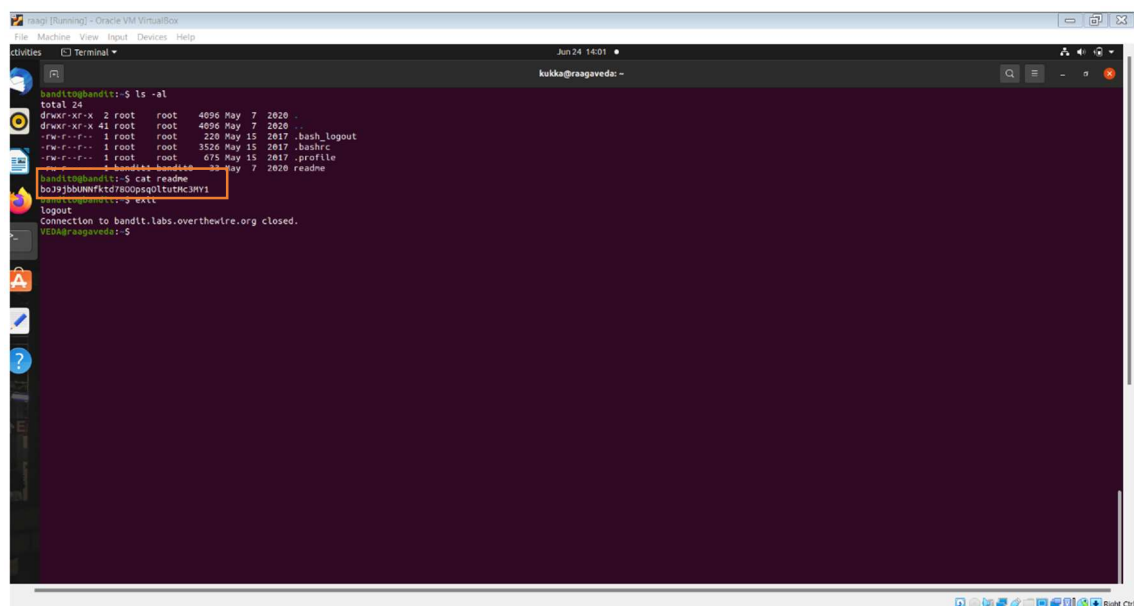
This machine might hold several wargames.
If you are playing "somegame", then:
* USERNAMES are somegame0, somegame1, ...
* Most LEVELS are stored in /somegame/.
* PASSWORDS for each level are stored in /etc/somegame_pass/.

Write-access to homedirectories is disabled. It is advised to create a
working directory with a hard-to-guess name in /tmp/. You can use the
command "mktemp -d" in order to generate a random and hard to guess
directory in /tmp/. Read-access to both /tmp/ and /proc/ is disabled
so that users can not snoop on each other. Files and directories with
easily guessable or short names will be periodically deleted!

Please play nice:
* don't leave orphan processes running
```

LEVEL 0 -LEVEL 1:

PASSWORD: boJ9jbbUNNfktd7800psqoltutMc3MY1



```
bandit@bandit:~$ ls -al
total 24
drwxr-xr-x  2 root root  4096 May  7 2020 .
drwxr-xr-x 41 root root  4096 May  7 2020 ..
-rw-r--r--  1 root root    220 May 15 2017 .bash_logout
-rw-r--r--  1 root root   3526 May 15 2017 .bashrc
-rw-r--r--  1 root root    675 May 15 2017 .profile
-rw-r--r--  1 root root    333 May  7 2020 readme
bandit@bandit:~$ cat readme
boJ9jbbUNNfktd7800psqoltutMc3MY1
bandit@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VED@Raagaveda:~$
```

LEVEL 1 – LEVEL 2

PASSWORD: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

The screenshot shows a terminal window titled "bandit1@bandit: ~". The user runs the command `ls -al`, which displays the following output:

```
total 24
-rw-r----- 1 bandit2 bandit1 33 May 7 2020 .
drwxr-xr-x 2 root root 4096 May 7 2020 ..
drwxr-xr-x 41 root root 4096 May 7 2020 .
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
-rw-r--r-- 1 root root 675 May 15 2017 .profile
```

The user then runs `cat ./`, which outputs the password `CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9`. The terminal window is part of an Oracle VM VirtualBox interface.

LEVEL 2 – LEVEL 3

PASSWORD: UmHadQcIWmgdLOKQ3YNgjWxGoRMb5luK

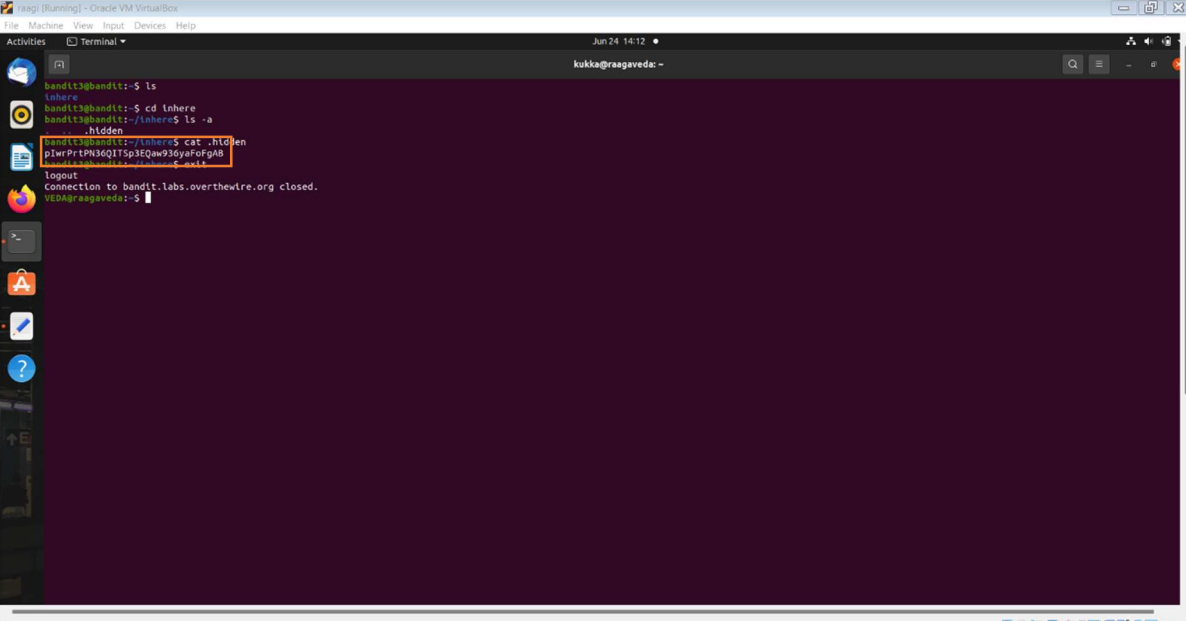
The screenshot shows a terminal window titled "bandit2@bandit: ~". The user runs the command `ls -al`, which displays the following output:

```
total 24
drwxr-xr-x 2 root root 4096 May 7 2020 .
drwxr-xr-x 41 root root 4096 May 7 2020 ..
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
-rw-r--r-- 1 root root 675 May 15 2017 .profile
-rw-r--r-- 1 bandit3 bandit2 33 May 7 2020 spaces in this filename
```

The user then runs `cat spaces\ in\ this\ filename`, which outputs the password `UmHadQcIWmgdLOKQ3YNgjWxGoRMb5luK`. The terminal window is part of an Oracle VM VirtualBox interface.

LEVEL 3- LEVEL 4

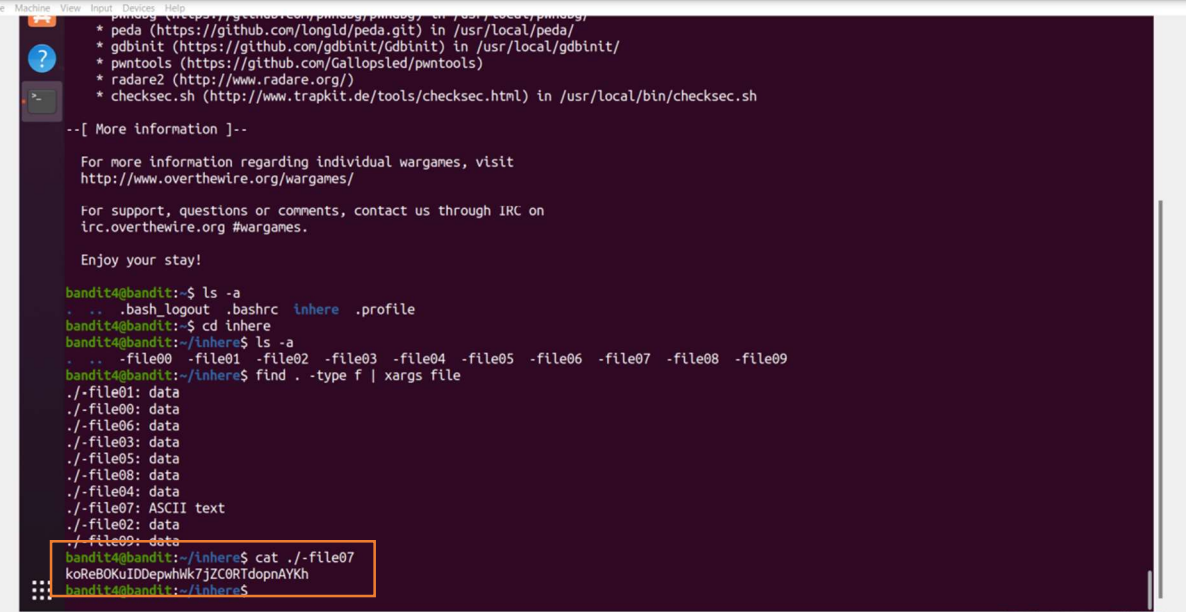
PASSWORD: plwrPrtPN36QITSp3EQaw936yaFoFgAB



```
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls -la
total 16
drwxr-xr-x 3 bandit bandit 4096 Jun 24 14:12 .
drwxr-xr-x 3 bandit bandit 4096 Jun 24 14:12 ..
-rwxr-xr-x 1 bandit bandit 2142 Jun 24 14:12 .htpasswd
-rwxr-xr-x 1 bandit bandit 2142 Jun 24 14:12 inhere
bandit3@bandit:~/inhere$ cat .htpasswd
plwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VEDAg@raagaveda:~$
```

LEVEL 4 – LEVEL 5:

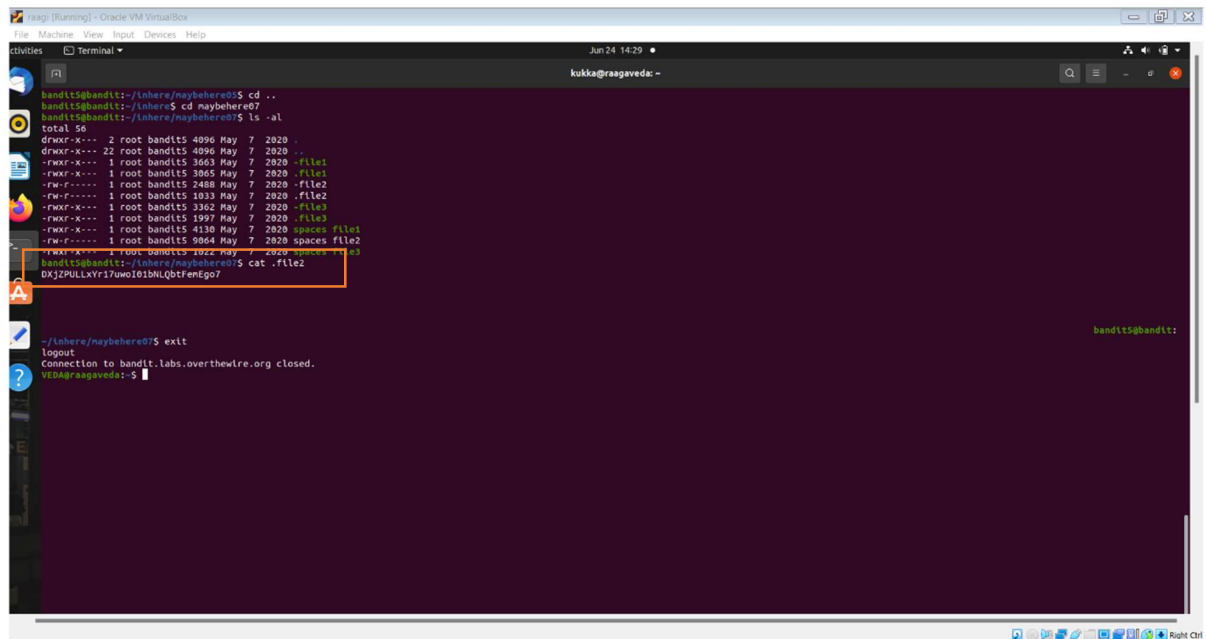
PASSWORD: koReBOKuIDDepwhWk7jZC0RTdopnAYKh



```
bandit4@bandit:~$ ls -la
total 16
drwxr-xr-x 3 bandit bandit 4096 Jun 24 14:12 .
drwxr-xr-x 3 bandit bandit 4096 Jun 24 14:12 ..
-rwxr-xr-x 1 bandit bandit 2142 Jun 24 14:12 .htpasswd
-rwxr-xr-x 1 bandit bandit 2142 Jun 24 14:12 inhere
bandit4@bandit:~/inhere$ cat .htpasswd
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
bandit4@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VEDAg@raagaveda:~$
```

LEVEL 5 -LEVEL 6:

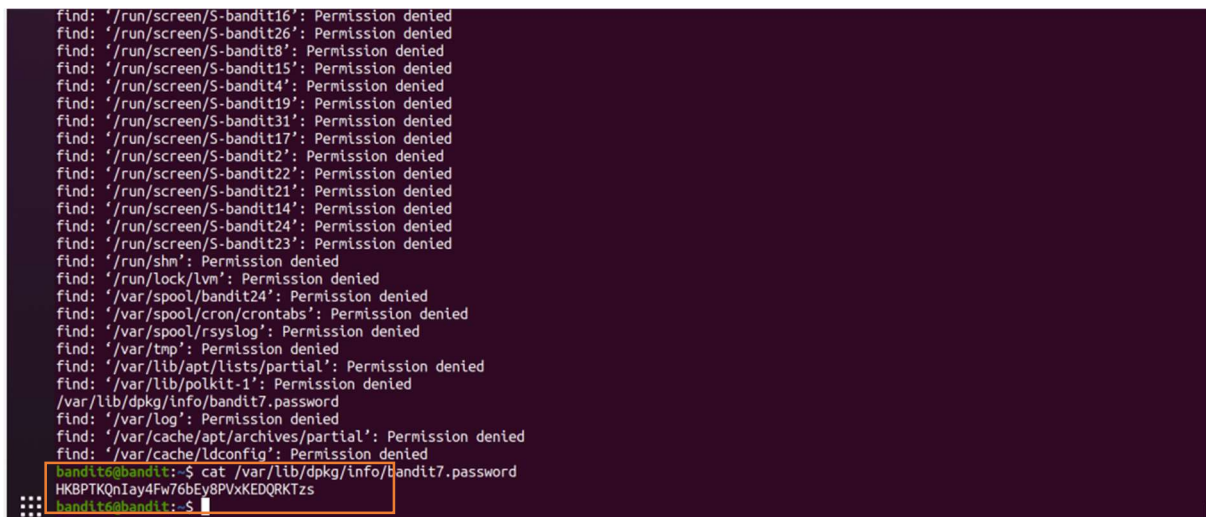
PASSWORD: DXjZPULLxYr17uwoI01bNLQbtFemEgo7



```
bandit@bandit:~/inhere/maybehere0$ cd ..
bandit@bandit:~/inhere$ cd maybehere07
bandit@bandit:~/inhere/maybehere07$ ls -al
total 56
drwxr-xr-x  2 root bandit5 4096 May  7  2020 .
drwxr-xr-x 22 root bandit5 4096 May  7  2020 ..
-rwxr-xr-x  1 root bandit5 3663 May  7  2020 -file1
-rwxr-xr-x  1 root bandit5 3065 May  7  2020 -file2
-rw-r--r--  1 root bandit5 2488 May  7  2020 -file3
-rw-r--r--  1 root bandit5 1033 May  7  2020 -file4
-rwxr-xr-x  1 root bandit5 3362 May  7  2020 -file5
-rwxr-xr-x  1 root bandit5 1997 May  7  2020 -file6
-rwxr-xr-x  1 root bandit5 4130 May  7  2020 spaces file1
-rw-r--r--  1 root bandit5 9864 May  7  2020 spaces file2
-rwxr-xr-x  1 root bandit5 1022 May  7  2020 spaces file3
bandit@bandit:~/inhere/maybehere07$ cat .file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
bandit@bandit:~/inhere/maybehere07$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VED@raagaveda:~$
```

LEVEL 6 – LEVEL 7

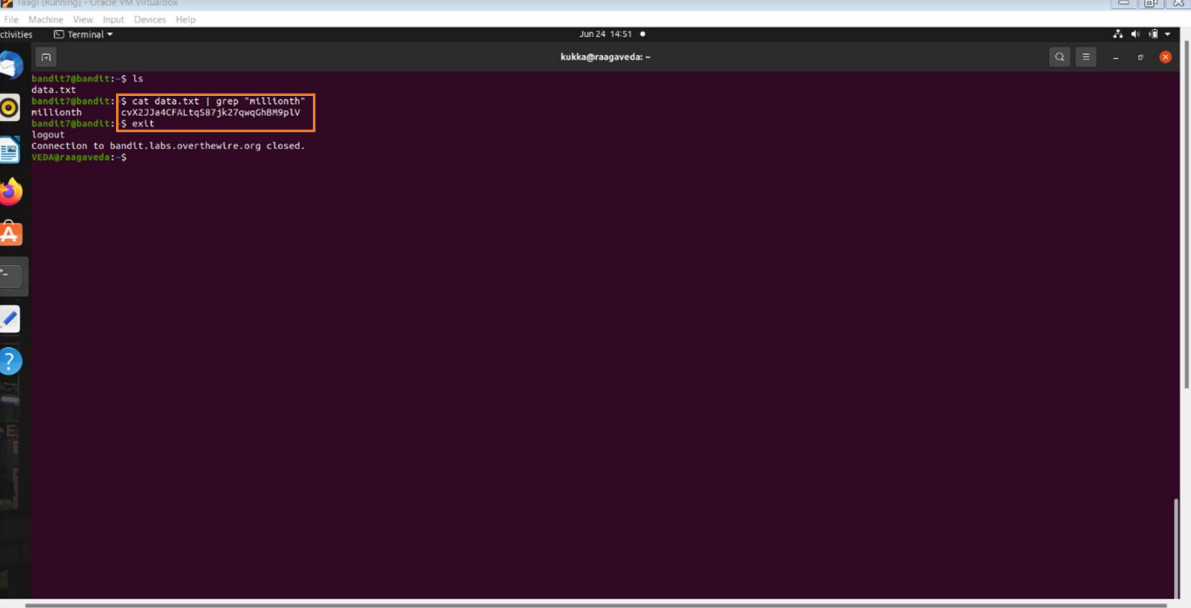
PASSWORD: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs



```
find: '/run/screen/S-bandit16': Permission denied
find: '/run/screen/S-bandit26': Permission denied
find: '/run/screen/S-bandit8': Permission denied
find: '/run/screen/S-bandit15': Permission denied
find: '/run/screen/S-bandit4': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit31': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit2': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit14': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/shm': Permission denied
find: '/run/lock/lvm': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/tmp': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/polkit-1': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/log': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
bandit@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit@bandit:~$
```

LEVEL 7 – LEVEL8:

PASSWORD: cvX2JJJa4CFALtqS87jk27qwqGhBM9pIV

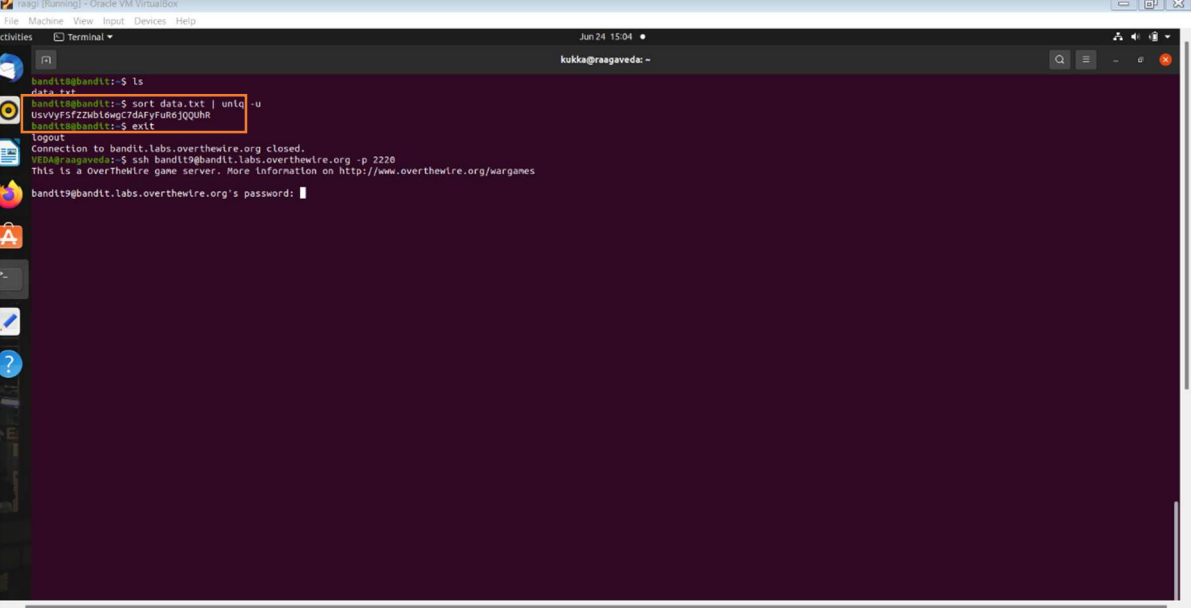


```
bandit7@bandit:~$ ls
data.txt
bandit7@bandit:~$ cat data.txt | grep "millionth"
cvX2JJJa4CFALtqS87jk27qwqGhBM9pIV
bandit7@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VEDA@raagaaveda:~$
```

The screenshot shows a terminal window titled "kali [Running] - Oracle VM VirtualBox". The user is logged into a machine named "bandit7". They run the command `ls` and see `data.txt`. Then they run `cat data.txt | grep "millionth"`, which outputs the password `cvX2JJJa4CFALtqS87jk27qwqGhBM9pIV`. The user then runs `exit`, logs out, and the connection to `bandit.labs.overthewire.org` is closed. The prompt then changes to `VEDA@raagaaveda:~$`.

LEVEL 8 – LEVEL 9

PASSWORD: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr



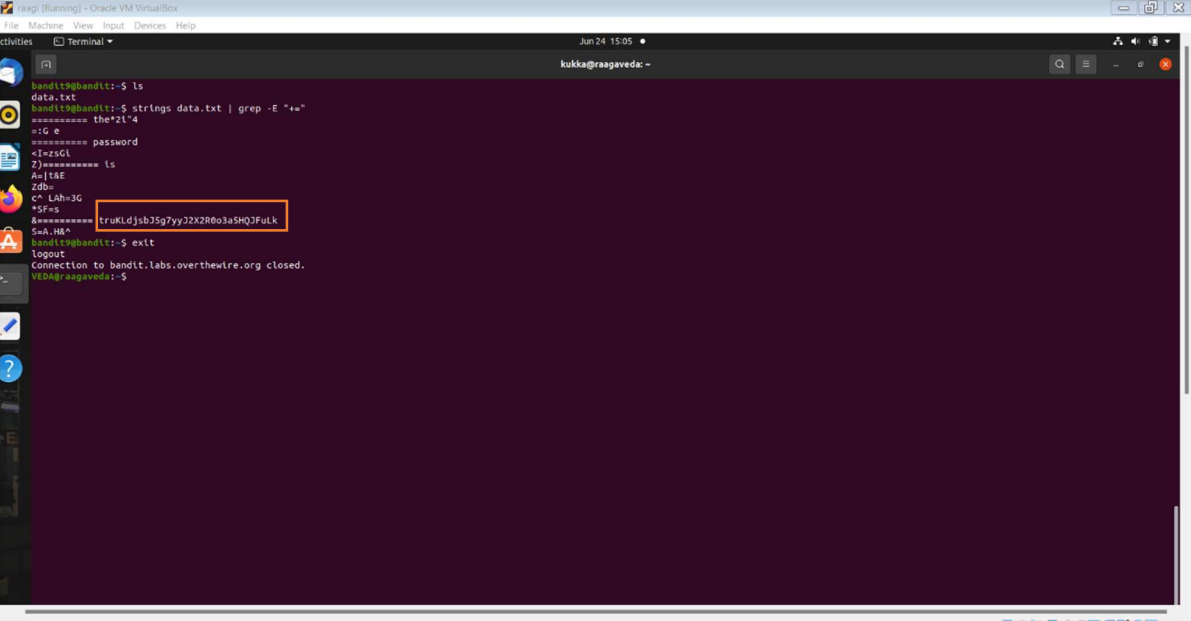
```
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr
bandit8@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VEDA@raagaaveda:~$ ssh bandit9@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit9@bandit.labs.overthewire.org's password: 
```

The screenshot shows a terminal window titled "kali [Running] - Oracle VM VirtualBox". The user is logged into a machine named "bandit8". They run the command `ls` and see `data.txt`. Then they run `sort data.txt | uniq -u`, which outputs the password `UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr`. The user then runs `exit`, logs out, and the connection to `bandit.labs.overthewire.org` is closed. The prompt then changes to `VEDA@raagaaveda:~$`. The user then runs `ssh bandit9@bandit.labs.overthewire.org -p 2220`, and the connection is established. The prompt is `bandit9@bandit.labs.overthewire.org's password:` .

LEVEL 9 – LEVEL 10:

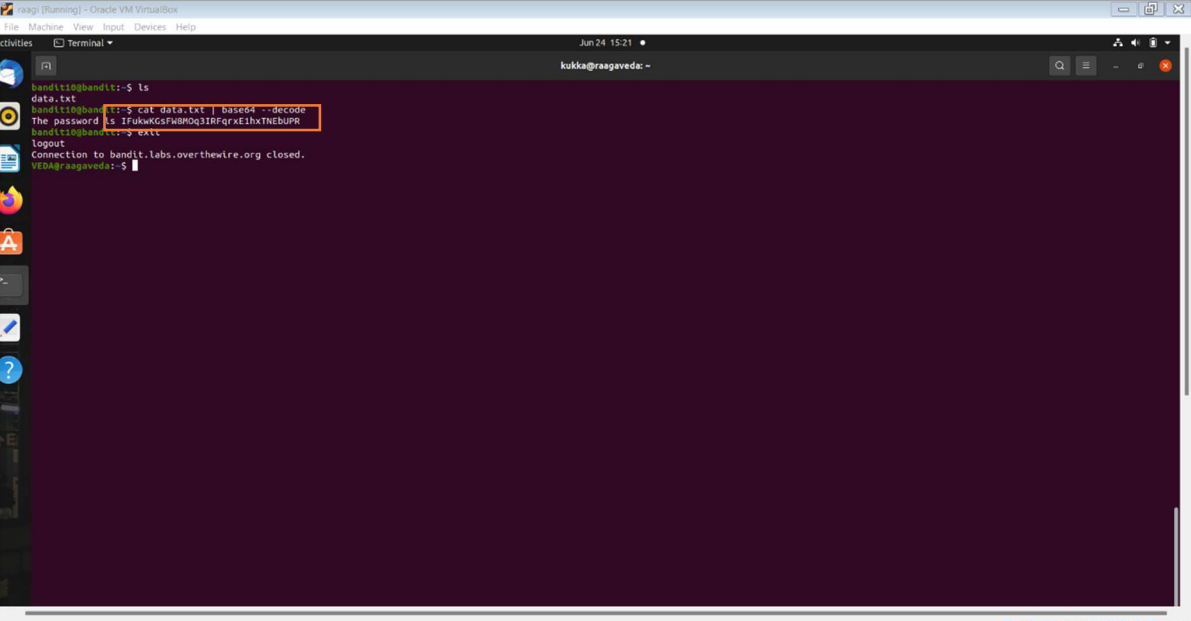
PASSWORD: truKldjsbJ5g7yyJ2X2R0o3a5HQJFuLk



```
bandit@bandit:~$ ls
data.txt
bandit@bandit:~$ strings data.txt | grep -E "="
===== the*2l*4
===== password
<I=zsG1
Zj===== ls
A=|TAE
Zdb=
c= L4h3G
+SF=
===== truKldjsbJ5g7yyJ2X2R0o3a5HQJFuLk
$A,HA"
bandit@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VED@raagaveda:~$
```

LEVEL 10 – LEVEL 11:

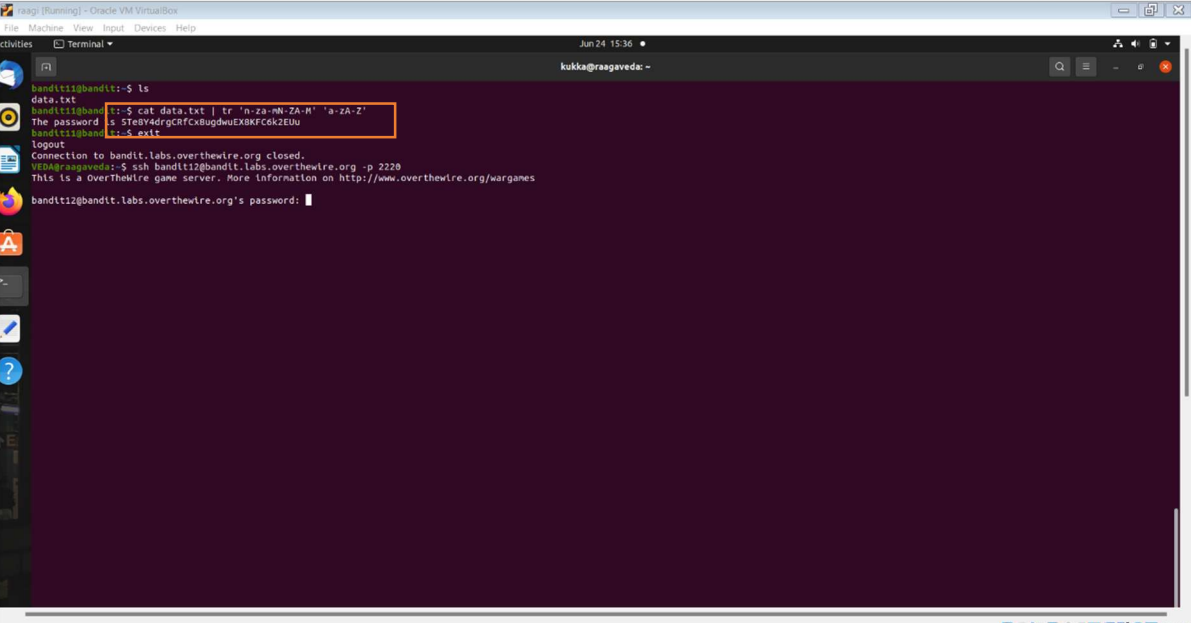
PASSWORD: lFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR



```
bandit@bandit:~$ ls
data.txt
bandit@bandit:~$ cat data.txt | base64 --decode
The password is lFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VED@raagaveda:~$
```

LEVEL 11 – LEVEL 12:

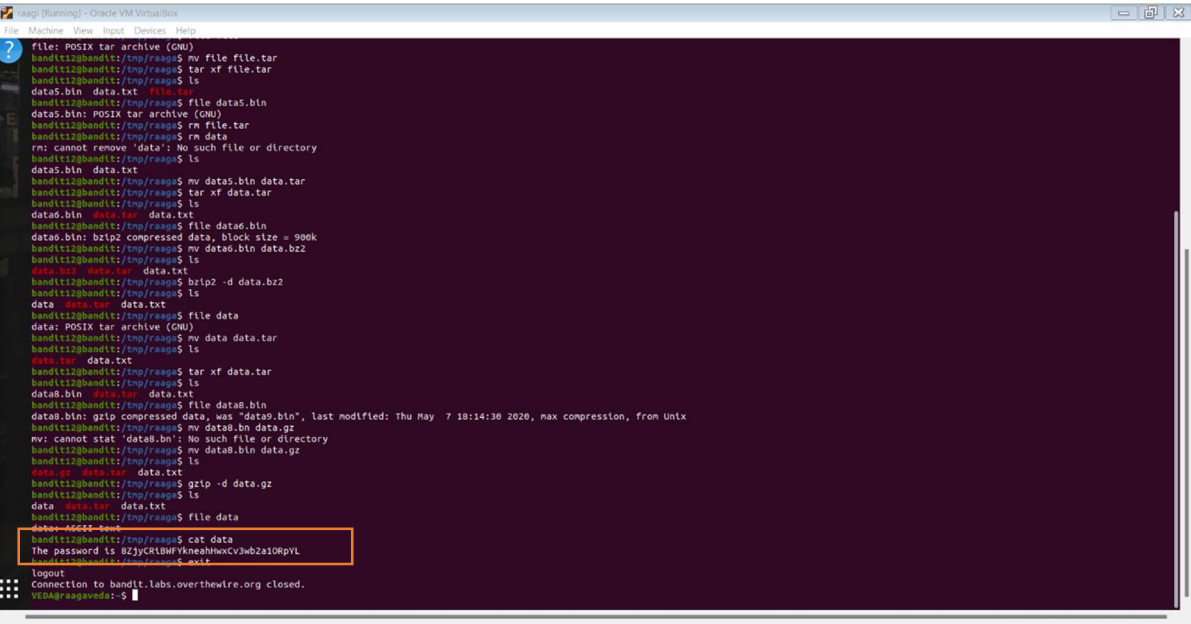
PASSWORD: 5Te8Y4drgCRfCx8ugdWuEX8KFC6k2EUu



```
bandit11@bandit11:~$ ls
data.txt
bandit11@bandit11:~$ cat data.txt | tr 'n-zA-M-ZA-M' 'a-zA-Z'
The password is 5Te8Y4drgCRfCx8ugdWuEX8KFC6k2EUu
bandit11@bandit11:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VEBA@raagaaveda:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit12@bandit.labs.overthewire.org's password: 
```

LEVEL 12 – LEVEL 13:

PASSWORD: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL



```
file: POSIX tar archive (GNU)
bandit12@bandit12:~$ mv file file.tar
bandit12@bandit12:~$ tar xf file.tar
bandit12@bandit12:~$ ls
data5.bin  data.txt  file.tar
bandit12@bandit12:~$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit12:~$ rm file.tar
bandit12@bandit12:~$ rm data
rm: cannot remove 'data': No such file or directory
bandit12@bandit12:~$ ls
data5.bin  data.txt
bandit12@bandit12:~$ mv data5.bin data.tar
bandit12@bandit12:~$ tar xf data.tar
bandit12@bandit12:~$ ls
data5.bin  data.txt
bandit12@bandit12:~$ file data5.bin
data5.bin: bzip2 compressed data, block size = 900k
bandit12@bandit12:~$ mv data5.bin data.bz2
bandit12@bandit12:~$ ls
data.bz2  data.tar  data.txt
bandit12@bandit12:~$ bzip2 -d data.bz2
bandit12@bandit12:~$ ls
data  data.tar  data.txt
bandit12@bandit12:~$ file data
data: POSIX tar archive (GNU)
bandit12@bandit12:~$ mv data data.tar
bandit12@bandit12:~$ ls
data  data.tar  data.txt
bandit12@bandit12:~$ tar xf data.tar
bandit12@bandit12:~$ ls
data5.bin  data.tar  data.txt
bandit12@bandit12:~$ file data5.bin
data5.bin: gzip compressed data, was "data9.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit12:~$ mv data5.bin data.gz
mv: cannot stat 'data5.bin': No such file or directory
bandit12@bandit12:~$ mv data5.bin data.gz
bandit12@bandit12:~$ ls
data  data.tar  data.txt
bandit12@bandit12:~$ file data
data: POSIX tar archive (GNU)
bandit12@bandit12:~$ gunzip -d data.gz
bandit12@bandit12:~$ ls
data  data.tar  data.txt
bandit12@bandit12:~$ file data
data: POSIX tar archive (GNU)
bandit12@bandit12:~$ cat data
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
bandit12@bandit12:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
VEBA@raagaaveda:~$ 
```


LEVEL 13 – LEVEL 14:

PASSWORD: 4wcYUJFw0k0XLSHlDzztnTBHixU3b3e

[illegible]

LEVEL 14 – LEVEL 15:

PASSWORD: BfMYroe26WYalil77FoDi9qh59eK5xNr



The screenshot shows a Kali Linux virtual machine with a terminal window open. The terminal displays the following commands and output:

```
bandit1@bandit1:~$ ls
bandit1@bandit1:~$ nc localhost 30000
4wX7PduKvKtSL0bzrztWuIq4B3Ye
Correct!
BfmroeZpWalt77ro0l9qS5ek3xnr
bandit1@bandit1:~$
```

The output of the 'ls' command is highlighted with a red box.

-END