

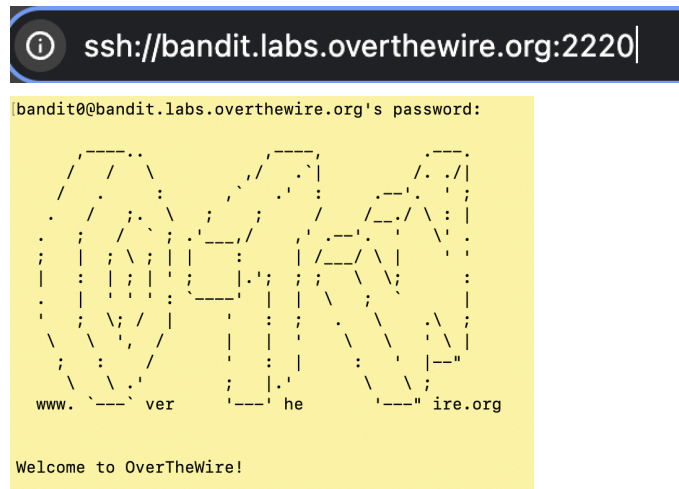
Assignment 1- Part 1 - Report

Joseph May

Part 1: Bandit

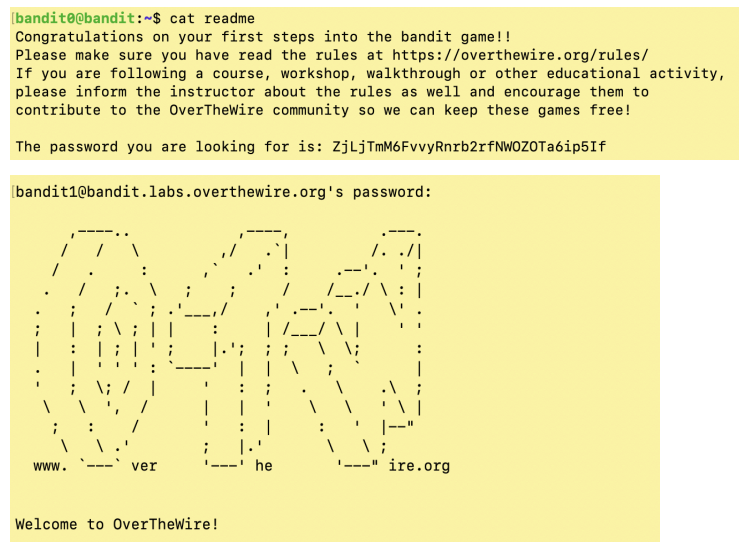
Level 0:

To enter level 0 I used the ssh `ssh://bandit0@bandit.labs.overthewire.org:2220` and the password for level 0 was given on the website which was bandit0.



Level 1:

The password to get to level 1 was stored in a file called readme in the home directory. To obtain the password I used the cat command to read the contents of the file.



Level 2:

The password for level 2 was stored in a file called `.-` in the home directory, I used the command `cat ./-` which was necessary as `-` is a special character. The `./` allow for special characters

```
[bandit1@bandit:~$ cat ./-  
263JGJPfgU6LtdEvGFwU1XP5yac29mFx
```

```
bandit2@bandit.labs.overthewire.org's password:  
  
Oo4n  
www. ver he " ire.org  
  
Welcome to OverTheWire!
```

Level 3:

For this level there were spaces in the filename, I used the `cat` command with quotes around the filename in order to view it. The quotes allow strings to be inputted as the subject of the command.

```
[bandit2@bandit:~$ cat "spaces in this filename"  
Mnk8KNH3Usiio41PRUEoDFPqfxLP1Smx
```

```
bandit3@bandit.labs.overthewire.org's password:  
  
Oo4n  
www. ver he " ire.org  
  
Welcome to OverTheWire!
```

Level 4:

The file was hidden in a directory called `inhere`, I used `ls -a` to view the hidden file and then `cat` to view the password. The `ls -a` command displays the hidden files in a directory.

```
[bandit3@bandit:~/inhere$ ls -a  
. .. ...Hiding-From-You  
[bandit3@bandit:~/inhere$ cat "...Hiding-From-You"  
2WmrDFRmJIq3IPxneAaMGhap0pFhF3NJ
```

```
bandit4@bandit.labs.overthewire.org's password:  
  
Oo4n  
www. ver he " ire.org  
  
Welcome to OverTheWire!
```

Level 5:

I navigated to the inhere directory and used the command `file ./*` which revealed the correct file type which was `-file07` which contained ASCII text. The file command displays the type of content a file has which allows to see which folder contained human readable text.

```
[bandit4@bandit:~/inhere$ file ./*
./-file00: data
./-file01: data
./-file02: data
./-file03: data
./-file04: data
./-file05: data
./-file06: data
./-file07: ASCII text
./-file08: data
./-file09: data
```

```
[bandit5@bandit.labs.overthewire.org's password:
OoT3W1r3
www. ver he ire.org
Welcome to OverTheWire!
```

Level 6:

I used the find command below to find the specific file that met the conditions outlined. I then navigated to the directory it was in and used the cat command to read the file. The find command allows one to specify specific properties of files to find and ones to avoid.

```
[bandit5@bandit:~$ find inhere -type f -size 1033c ! -executable -exec file {} + | grep "ASCII text"
inhere/maybehere07/.file2: ASCII text, with very long lines (1000)
```

```
[bandit6@bandit.labs.overthewire.org's password:
OoT3W1r3
www. ver he ire.org
Welcome to OverTheWire!
```