***Task 3: -*** *Complete the first 12 levels of Bandit and maintain write-ups*

* *Level 0: -*
* *Goal****:*** The goal of this level is for you to log into the game using SSH. The host to which you need to connect is **bandit.labs.overthewire.org**, on port 2220.
* *Code:* ssh [bandit0@bandit.labs.overthewire.org](mailto:bandit0@bandit.labs.overthewire.org) **-p 2220**
* We then enter the password which is given for level 0 moving on to level 1.
* *Inference:* **ssh** (SSH client) is a program for logging into a remote machine and for executing commands on a remote machine. It connects and logs into the specified *destination*, specified as [user@]hostname]
* *Level 0→1: -*
* *Goal****:*** The password for the next level is stored in a file called **readme** located in the home directory.
* *Used commands:*
* **ls -alps:** *Used to list all the files in the directory*
* **cat readme:** *Use to read the contents present in readme file*
* We then receive the password required for moving from level 0 *→* 1.
* *Level 1→2: -*
* *Goal****:*** The password for the next level is stored in a file called **-** located in the home directory
* *Used commands:*
* **ls -alps:** *Used to list all the files in the directory.*
* **cat ./- :** *Use to display the contents of the “–“ file name.*

* We then receive the password required for moving from level 1→ 2.
* *Level 2→3: -*
* *Goal****:*** The password for the next level is stored in a file called **spaces in this filename** located in the home directory
* *Used commands:*
* **ls -alps:** *Used to list all the files in the directory.*
* **cat spaces\ in\ this\ filename :** *Use to display the contents of the file whose name has spaces*

*in it.*

* We then receive the password required for moving from level 2→ 3.
* *Level 3→4: -*
* *Goal****:*** The password for the next level is stored in a hidden file in the **inhere** directory.
* *Used commands:*
* **ls -alps:** *Used to list all the files in the directory.*
* **cd inhere/ :** *Use to enter the inhere directory.*
* **ls -al:** *Used to list all the files in the inhere directory*
* **cat .hidden :** *Use to display the contents of the hidden file named ”.” in the inhere directory.*

* We then receive the password required for moving from level 3→ 4.