**Scripting**

**Puzzle 1 – Bash Script**: Put yourself in the mind of a hacker, there are some malicious files you have downloaded into the /home/$USER/Downloads folder, but you want to hide them so that the user wont be able to find them. You also do not want to remove any of the users files so they do not think that something is up. Luckily you though of this and put a unique tag in the front of the file. Hint: Each file starts with PWNED

**The Task**: Since you are remoted in write a command that will move the files from the Downloads folder into a folder in /usr/lib/HackerFiles.

**Answer:** mv /home/$USER/Downloads/PWNED\* /user/lib/HackerFiles

**Puzzle 2 – Python Script:** In cyber security it is important to detect an attack in its early stages in order to mitigate the amount of damage that an attack can create. It can also be helpful to make a profile of who the attacker is in case they are seen again. This is where our python script comes into play. There is one adversary group called pal1ndr0me that encodes their messages with palindromes which are English words that are spelled the same way forwards as backwards. We tried to write a script to detect this but we cannot figure out which line of this script is incorrect. You need to find which line is incorrect and enter in the corrected line of code. All you need to put in the form is the new line that you wrote.

def isPalindrome(string):

front = 0

back = len(string) - 1

while back < front:

if(string[front] != string[back]):

return False

back -= 1

front += 1

return True

string = "racecar"

print(isPalindrome(string))

**Flag**: while back>front: