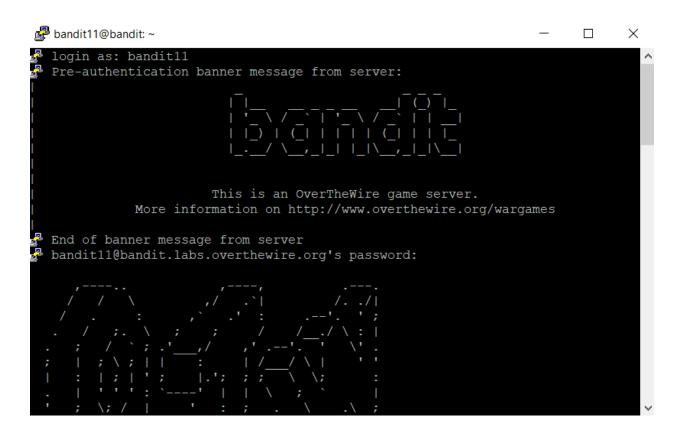
Bandit OTW Walkthrough Write-Up Level: 11 → 12

Challenge: The password for the next level is stored in the file data.txt, where all lowercase (a-z) and uppercase (A-Z) letters have been rotated by 13 positions

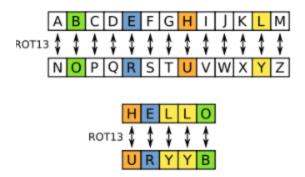
Step 1: Make sure you used the password from the previous level (Level $10 \rightarrow 11$) to login to bandit11.



Step 2: I used the "**pwd**" command upon logging in into bandit12 to see which directory I was under. I was in the home directory of bandit11.

Step 3: Since all lowercase letters and uppercase letters have been rotated by 13 positions, I decided to use the "**tr**" command to translate them accordingly. I used the following translation ..'A-Za-z' 'N-ZA-Mn-za-m', because From A to Z it's 13 characters and from N - Z its 13 characters and from A - M its 13 characters.

 $ABCDEFGHIJKLMNOPQRSTUVWXYZ = A-Z \\ NOPQRSTUVWXYZ = N-Z \\ ABCDEFGHIJKLM = A-M \\ abcdefghijklmnopqrstuvwxyz = a-z \\ abcdefghijklm = a-m \\ abcdefghijklm =$



Step 4: After the previous command was executed, It successfully revealed the password for the next level. I copied the password to use it for the next level login.