Level 11

Bandit Level 11 → Level 12

Level Goal

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

Commands you may need to solve this level

grep, sort, uniq, strings, base64, tr, tar, gzip, bzip2, xxd

Helpful Reading Material

Rot13 on Wikipedia

```
ssh bandit11@bandit.labs.overthewire.org -p 2220
```
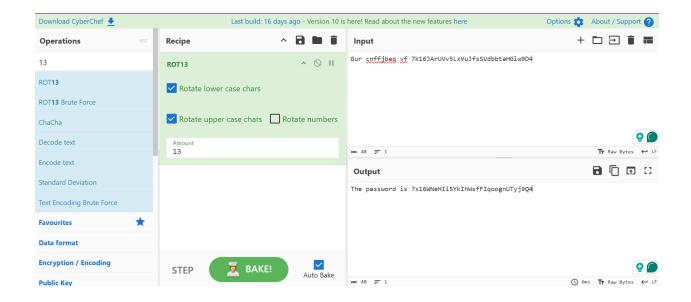
```
bandit11@bandit:~$ ls
data.txt
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 7k16JArUVv5LxVuJfsSVdbbtaHGlw9D4
```

when we list the contents of the txt file we get the password which has been rotated by 13 positions.

Using Cyberchef, we use ROT13: we get the password as:

The password is 7×16WNeHIi5YkIhWsfFIqoognUTyj9Q4

Download CyberChef ⬇   Last build: 16 days ago - Version 10 is here! Read about the new features here   Options ⚙   About / Support ❓

Operations   452

`13`

ROT**13**

ROT**13** Brute Force

ChaCha

Decode text

Encode text

Standard Deviation

Text Encoding Brute Force

Favourites ⭐

Data format

Encryption / Encoding

Public Key

Recipe   ⌃ 💾 📁 🗑

ROT13   ⌃ 🚫 �II

☑ Rotate lower case chars

☑ Rotate upper case chars   ☐ Rotate numbers

Amount
13

STEP   👨‍🍳 **BAKE!**   ☑ Auto Bake

Input   ➕ 📁 ⤓ 🗑 ▤

Gur cnffjbeq vf 7k16JArUVv5LxVuJfsSVdbbtaHGlw9D4

ᴿᴬᶜ 48 ☰ 1   Tᴛ Raw Bytes ↵ LF

Output   💾 📋 📤 ⛶

The password is 7x16WNeHIi5YkIhWsfFIqoognUTyj9Q4

ᴿᴬᶜ 48 ☰ 1   🕐 6ms Tᴛ Raw Bytes ↵ LF