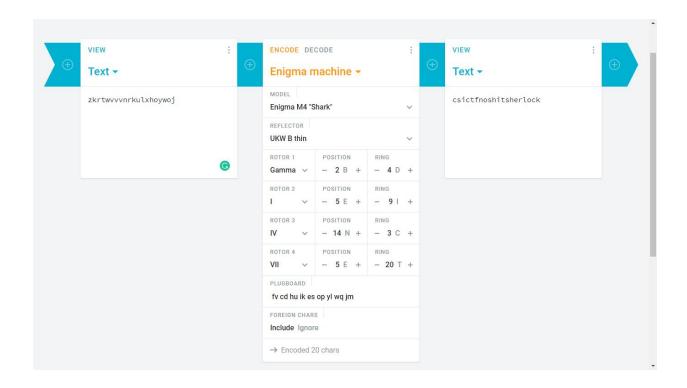
**Question:** "We have intercepted the enemy's communications, but unfortunately, some data was corrupted during transmission. Can you recover the message?" M4 UKW \$ Gamma 2 4 \$ 5 9 \$ 14 3 \$ 5 20 fv cd hu ik es op yl wq jm

"Ciphertext: zkrtwvvvnrkulxhoywoj" (Words in the flag are separated by underscores)

**Solution**: From the chall name, it is easy to guess that this is the enigma cipher. Most of the specifications are given and we need to decode the ciphertext.

Go to <u>cryptii.com</u> and choose Enigma and then the decode option. Once you notice the specifications on the site, you'll notice that we aren't given the exact reflector (Could be UKW B thin or UKW C thin) and we aren't give the details of rotors 2,3 and 4. We start brute forcing it using UKW B thin and rotors starting from 1,1,1. We soon find the flag on the 31st attempt with the rotor configuration being 1,4,7.



Flag: csictf{no\_shit\_sherlock}