Crypto – Caesar Cipher

Problem: If you can decrypt this file, you might find a flag

Hint: I like my salad with two ingredients

Given: file.enc

Steps:

1) When the file is opened, it will be obvious that the first step is to decode the base64.



A command to decode this is as follows (note: this is a python command but there are many other commands that can be used to decode base 64)

Command: python –m base64 –d <<< REpZRXtBeUNxeVBfR3FfQ3lRd30K==

Produces: DJYE{AyCqyP\_Gq\_CyQw}



2) Now there is a few different things you could do. These easiest would be to think about what this text looks like, four letters followed by {. That is a good indicator that it said flag{. One that has seen Caesar cipher would know that it looks like these characters have been shifted in some way.

Easiest solution: take the text ‘DJYE{AyCqyP\_Gq\_CyQw}’ and put this into an online Caesar cipher decoder. Such as this [link.](https://www.nayuki.io/page/automatic-caesar-cipher-breaker-javascript)

After you insert the text you will be given the flag and the key.

Key: 24

Flag: FLAG{CaEsaR\_Is\_EaSy}