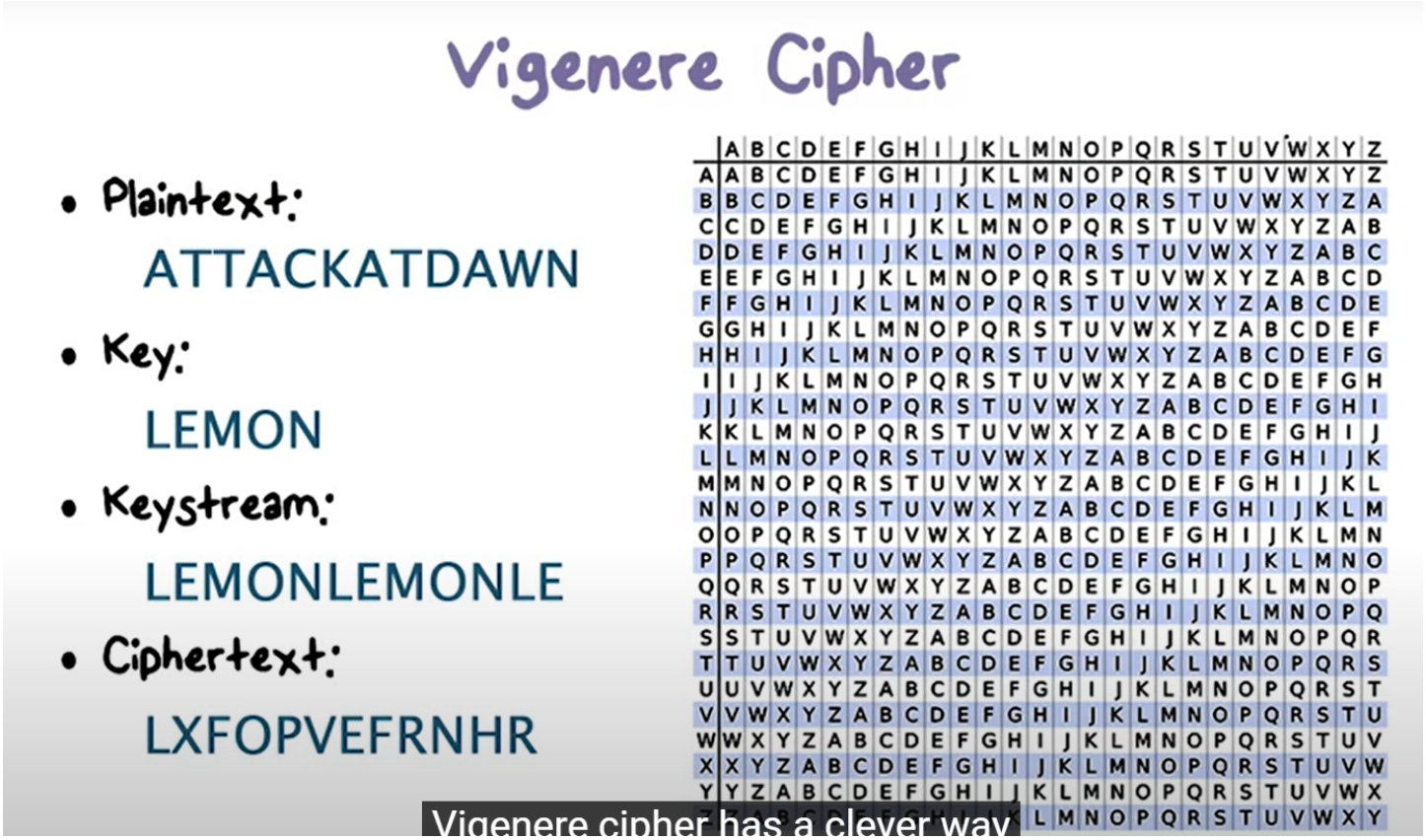
Part I- Simple Decryption

https://replit.com/@SaraniiMuller/Simple-Decryption#main.py

Part II :



Vigenere works by multi caesar substitution.

Using the above example, I would code it like this:

Set the text to encrypt: “attackatdawn”

Set the key to lemon, but the length of the key would have to be equal to the length of the text to encrypt, thus making the key lemonlemonle

To create the grid row 0 starting at col1= alphabet
Col 0 = alphabet
Row 1 from col 1 = alphabet starting with same letter from col 0
Repeat for remaining rows for count of 26 alpha letters.

To encrypt:

Char in position 1 set to equivalent location on grid where itself intersects with row location of key.
Ex where col a intersects with row L is the character L so then a would be = L
Repeat for remainder of encrypted message.
Then do reverse to decrypt.