Caesar Cipher Encryption Pseudocode:

input message and shift

Use collection to deque the input

Change the message into the code using collection rotate

Join the output together

Print output

Decryption Pseudocode:

Input code required to be decrypted

Number = 0

While number<26:  
 Rotate the code using the shift of the number

Check if the code is plain English using the function of dictionary

If yes:

Break

Print output

Else:

Continue and check

Multi-level Encryption:

Input message, first shift, second shift and the position the second shift starting from

Rotate the text using the first shift

Get the input index and get to the letter with such index

Rotate the text again using the second shift from that position

Print output

Multi-level Decryption:

Input code, the first shift, the second shift and the starting position of the second shift

Find the index of the second shift and rotate the code using the second shift

Start from the beginning and rotate the whole text using the first shift

Print output

Multi-level Code breaking:

Input code and split them into strings of words

Check each word using 0-26 shift and find the final English word solution

After finding out the solution for each word:

Join them up using space and print output