

```
prodigy infotech-task 1.py X  
Practice > prodigy infotech-task 1.py > caesar_cipher  
1 def caesar_cipher(message, shift, mode):  
4     for char in message:  
5         if char.isalpha():  
6             base = ord('A') if char.isupper() else ord('a')  
7  
8             if mode == "encrypt":  
9                 result += chr((ord(char) - base + shift) % 26 + base)  
10            elif mode == "decrypt":  
11                result += chr((ord(char) - base - shift) % 26 + base)  
12            else:  
13                result += char  
14  
15        return result  
16  
17  
18    message = input("Enter the message: ")  
19    shift = int(input("Enter the shift value: "))  
20    mode = input("Enter encrypt or decrypt: ").lower()  
--  
  
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS  
PS C:\Users\kalki Bhargav\OneDrive\Desktop\Practice> & "C:/Users/kalki Bhargav/AppData/Local/Programs/Python/Python311/python.exe" "c:/Users/kalki Bhargav/OneDrive/Desktop/Practice/prodigy infotech-task 1.py"  
Enter the message: cyber security  
Enter the shift value: 2  
Enter encrypt or decrypt: encrypt  
Result: eadgt ugewtkva  
PS C:\Users\kalki Bhargav\OneDrive\Desktop\Practice>
```