In [1]:
```
def caesar_cipher_encrypt(text, shift):
    encrypted_text = ""
    for char in text:
        if char.isalpha():
            shift_amount = shift % 26
            new_char = chr((ord(char.lower()) - 97 + shift_amount) % 26 + 97)
            if char.isupper():
                new_char = new_char.upper()
            encrypted_text += new_char
        else:
            encrypted_text += char
    return encrypted_text

def caesar_cipher_decrypt(text, shift):
    return caesar_cipher_encrypt(text, -shift)

def main():
    while True:
        print("Caesar Cipher Program")
        print("1. Encrypt a message")
        print("2. Decrypt a message")
        print("3. Exit")
        choice = input("Choose an option (1/2/3): ")

        if choice == '1':
            text = input("Enter the message to encrypt: ")
            shift = int(input("Enter the shift value: "))
            encrypted_text = caesar_cipher_encrypt(text, shift)
            print(f"Encrypted message: {encrypted_text}\n")
        elif choice == '2':
            text = input("Enter the message to decrypt: ")
            shift = int(input("Enter the shift value: "))
            decrypted_text = caesar_cipher_decrypt(text, shift)
            print(f"Decrypted message: {decrypted_text}\n")
        elif choice == '3':
            print("Exiting the program.")
            break
        else:
            print("Invalid choice. Please try again.\n")

if __name__ == "__main__":
    main()
```

```
Caesar Cipher Program
1. Encrypt a message
2. Decrypt a message
3. Exit
Choose an option (1/2/3): 1
Enter the message to encrypt: my name is sameep
Enter the shift value: 3
Encrypted message: pb qdph lv vdphhs

Caesar Cipher Program
1. Encrypt a message
2. Decrypt a message
3. Exit
Choose an option (1/2/3): 3
Exiting the program.
```

In [ ]: