Implement Caesar Cipher task-1.py

```
# Caesar Cipher - Encrypt and Decrypt
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 3
    def encrypt(text, shift):
 4
        encrypted text = ""
 5
        for char in text:
 6
            if char.isalpha():
 7
                # Shift uppercase and lowercase letters separately
                offset = 65 if char.isupper() else 97
 8
 9
                encrypted text += chr((ord(char) - offset + shift) % 26 + offset)
            else:
10
11
                encrypted text += char # Keep other characters unchanged
        return encrypted text
12
13
14
    def decrypt(text, shift):
        return encrypt(text, -shift)
15
16
17
    def main():
        print("=== Caesar Cipher Program ===")
18
        choice = input("Do you want to Encrypt or Decrypt? (E/D): ").strip().upper()
19
20
21
        if choice not in ['E', 'D']:
            print("Invalid choice. Please enter 'E' or 'D'.")
22
23
            return
24
25
        message = input("Enter your message: ")
        try:
26
27
            shift = int(input("Enter shift value (e.g., 3): "))
28
        except ValueError:
            print("Invalid shift value. Please enter a number.")
29
            return
30
31
        if choice == 'E':
32
33
            encrypted_message = encrypt(message, shift)
            print("Encrypted Message:", encrypted_message)
34
35
        else:
36
            decrypted_message = decrypt(message, shift)
            print("Decrypted Message:", decrypted_message)
37
38
    if __name__ == "__main__":
39
40
        main()
41
```