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def caesar_encrypt(text, shift):
    encrypted = ""
    for char in text:
        if char.isalpha():
            base = ord('A') if char.isupper() else ord('a')
            encrypted += chr((ord(char) - base + shift) % 26 + base)
        else:
            encrypted += char
    return encrypted

def caesar_decrypt(text, shift):
    return caesar_encrypt(text, -shift)

def main():
    print("Caesar Cipher Program")
    choice = input("Do you want to encrypt or decrypt? (e/d): ").lower()
    message = input("Enter your message: ")
    try:
        shift = int(input("Enter shift value (integer): "))
    except ValueError:
        print("Invalid shift value. Please enter an integer.")
        return

    if choice == 'e':
        result = caesar_encrypt(message, shift)
        print("Encrypted message:", result)
    elif choice == 'd':
        result = caesar_decrypt(message, shift)
```

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        print("Decrypted message:", result)
    else:
        print("Invalid choice. Please enter 'e' to encrypt or 'd' to decrypt.")


if _name_ == "_main_":
    main()
```