Test Data

Client sends correct data

1) At client :
Enter a lowercase sentence: 05qwert
From Server: QWERT
At server :
Connected from ('127.0.0.1', 57151)
msg_len 5
processed QWERT
msg_len_sent 5
Connection Closed

2) At client
Enter a lowercase sentence:
80asdfghjkloasdfghjkloasdfghjkloasdfghjkloasdfghjkloasdfghjkloasdfghjkloasdfghjklo
From Server:
ASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJ
KLO

At Server
Connected from ('127.0.0.1', 57168)
msg_len 80
processed
ASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJKLOASDFGHJ
KLO
msg_len_sent 80
Connection Closed

Client Sends Wrong Input (Note: For the purpose of server testing, I allow my client to send incorrect data to server. This is show if any client sends message in incorrect format to the server, or sends wrong data, the server identifies it and return ERROR

1) At client:
Enter a lowercase sentence: 08asdf
From Server: ERROR

At Server:
Connected from ('127.0.0.1', 57382)
msg_len 8
processed ERROR
msg_len_sent 5
Connection Closed

2) At client
Enter a lowercase sentence: 80asdfghjklasdfghjklasdfhjklaskjhgfdsdghhybgg
From Server: ERROR

At Server:
Connected from ('127.0.0.1', 57395)
msg_len 80
processed ERROR
msg_len_sent 5
Connection Closed

Test that client does not process wrong data

At client:
Enter a lowercase sentence: 80asdfghjklasdfghjklasdfhjkl;;kjhgfdsdghhybgg
Wrong format: Try Again

At client:
 Enter a lowercase sentence: 01asdf
Wrong format: Try Again

How to run the code:

1) First run - myvlserver.py
2) Next run – myvlclient.py
3) Enter the input at the client and wait for reply from server