MDS Assignment 01

Client server connection

Server.py

import socket

def server\_program():

host = socket.gethostname()

port = 5000

server\_socket = socket.socket()

server\_socket.bind((host,port))

server\_socket.listen(2)

conn,address = server\_socket.accept()

print("sucessfully connected....")

print("Connection from : "+str(address))

while True:

data = conn.recv(1024).decode()

if not data:

break

print("from connected user : "+str(data))

data = input('->')

conn.send(data.encode())

conn.close()

if \_\_name\_\_=='\_\_main\_\_':

server\_program()

client.py

import socket

def client\_program():

host = socket.gethostname()

port = 5000

client\_socket = socket.socket()

client\_socket.connect((host,port))

message = input('->')

while message.lower().strip()!='bye':

client\_socket.send(message.encode())

data = client\_socket.recv(1024).decode()

print("Received from server : "+data)

message = input('->')

client\_socket.close()

if \_\_name\_\_=='\_\_main\_\_':

client\_program()