Class Task:

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**TWO WAY COMMUNICATION TASK:**

**Server code:**

import socket  
  
s = socket.socket()  
print("Socket Created Successfully!")  
  
s.bind(('localhost', 9996))  
s.listen(5)  
  
print('Waiting for connection')  
  
while True:  
 c, addr = s.accept()  
 print('Got connection from', addr)  
  
 server\_msg = input('Enter Server Message : ')  
 c.send(server\_msg.encode())  
  
 client\_msg = c.recv(1024).decode()  
 print(f"Received from client: {client\_msg}")  
  
 c.close()

**Client Code:**

import socket  
  
s = socket.socket()  
  
s.connect(('localhost', 9996))  
print(s.recv(1024).decode())  
  
while True:  
 msg = input('Enter message to server: ')  
 s.send(msg.encode())  
 server\_response = s.recv(1024).decode()

***OUTPUT:***

