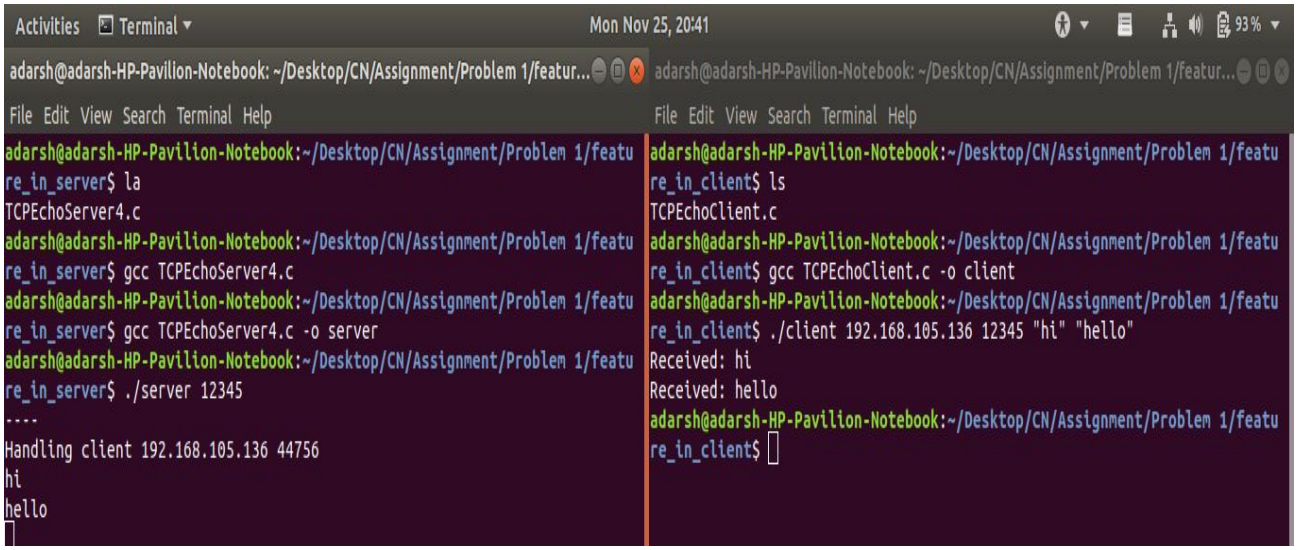
Socket Programming - Report

Question 1 :

(1) Feature in Client

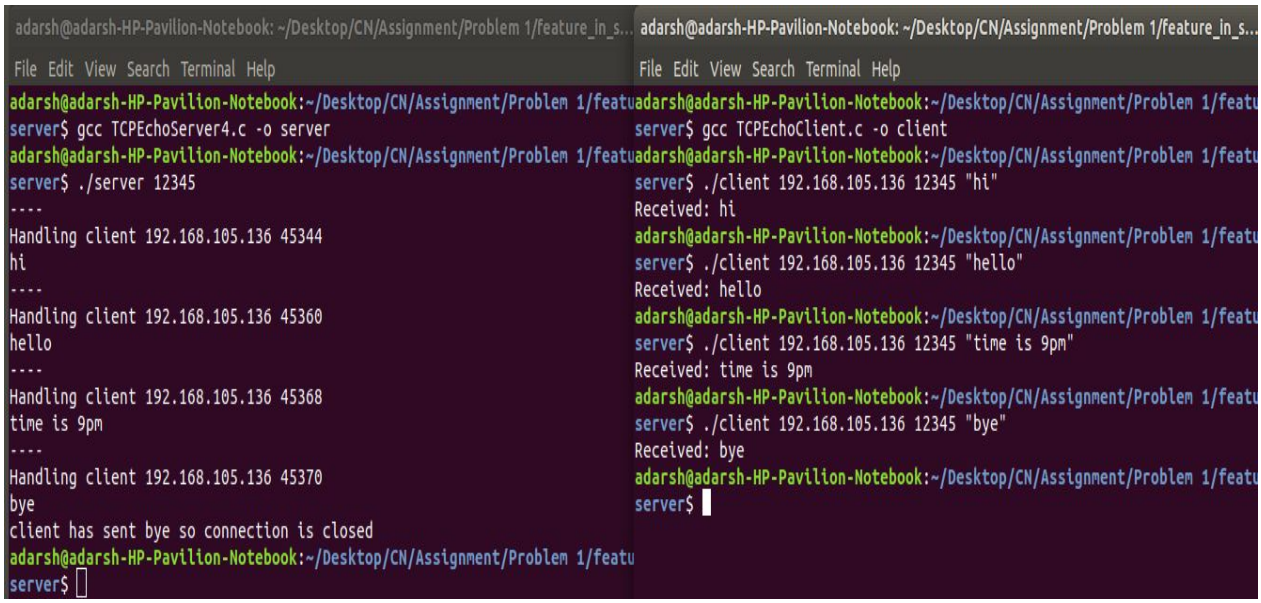
→ We have added the feature sending multiple messages from client to server which was not present earlier.

Explanation: as shown in the figure, the client can send two messages at a time



(2)Feature in server

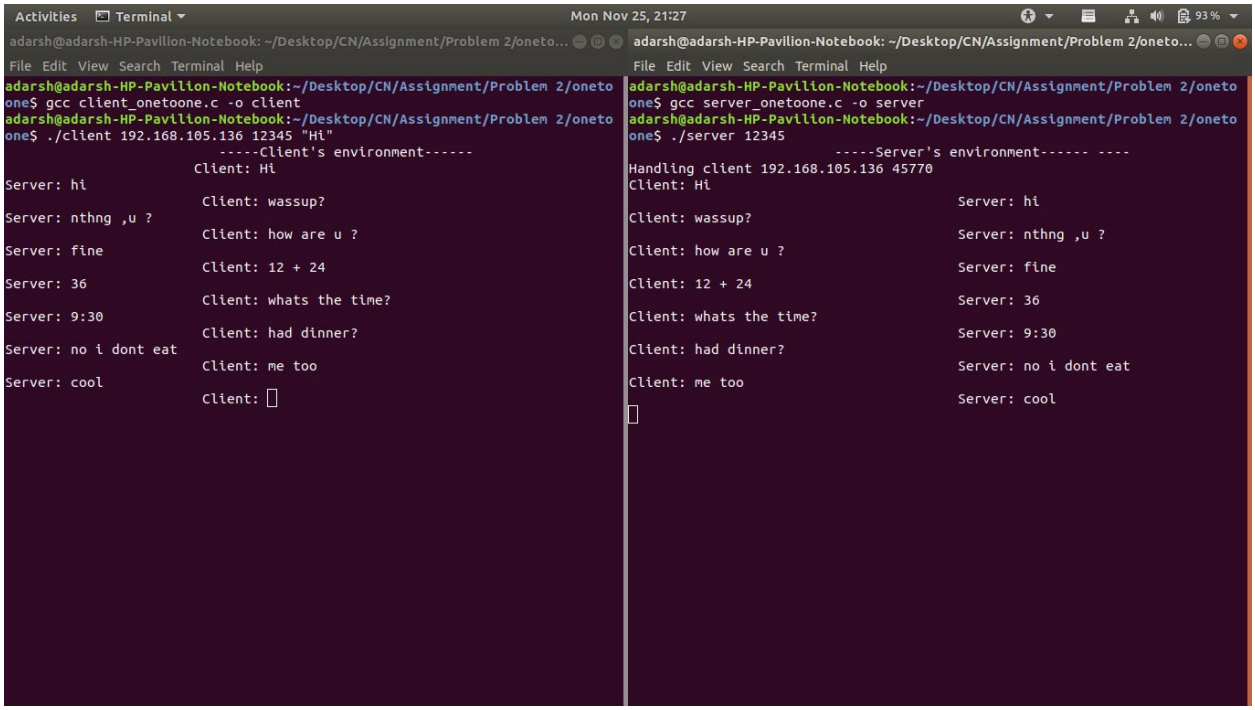
→ If bye is sent from the client to server then communication terminates i.e, the server will go to the off state.



Question 2 :

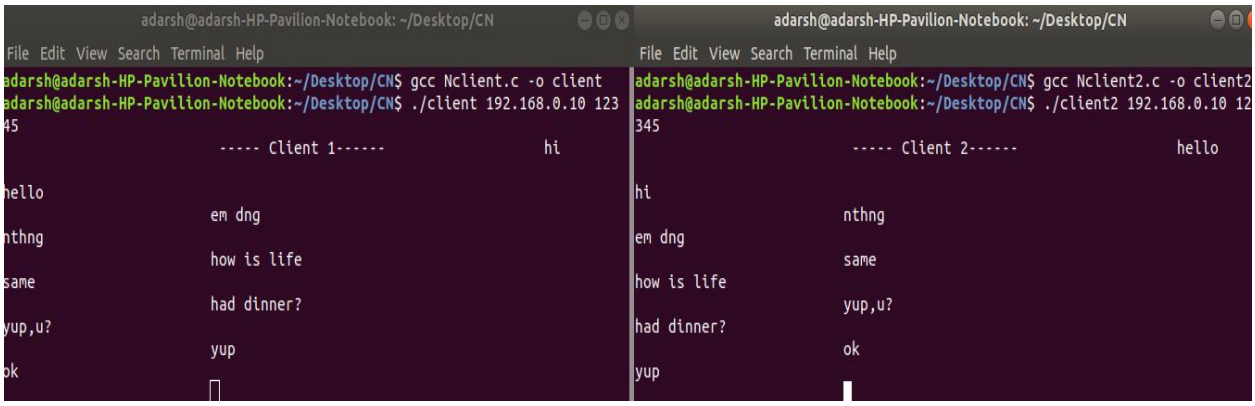
1) 1 server and 1 client

→ The chat between 1server and 1client is done as shown



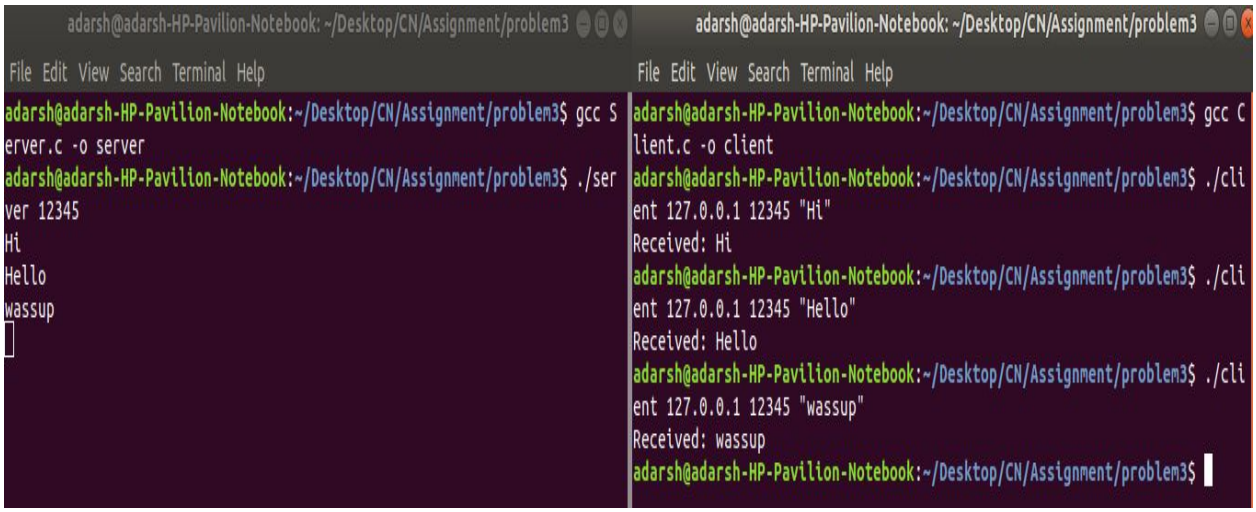
2) 1 server and 2 client

→ Messages are sent from client 1 to client 2 and vice-versa which are connected to a single server



Question 3

In our regular (given in class) the communication supports only for IPV4. But the code written for Problem 3 (see code) it supports both IPV4 and IPV6 addresses



Note: In the demonstration, one terminal acts as a server and other terminal acts as a client on the same computer.