Question for Lab Tutorial 1

1. Write Socket Program to perform the following operations through a client and server application;
   a. Echo:

      Write a Server program which prints the received message and returns an echo message to the client.

      Write a Client program which takes an Input from the user, sends it to the server, and on receiving the reply print it. If the user types "Exit" then client program should close the connection.

   b. Simple Chat application:

      Write a Server program which prints the received message and send the user input to the client.

      Write a Client program which takes an Input from the user, sends it to the server, and on receiving the reply print it.

      If the user types "Bye" then client and server should close the connection.

      NOTE: To get the full marks you need to complete both problems. Completing only problem 'a' will award you Six marks only.