You have a network of three computers and a linking node (computer). There is a client program running on each one of the computers in the network that receives a message from the user (using GUI) and the name of the computer to which the message should be sent to. Then it sends the message to the destination computer by forming a packet that includes the message itself and the name of the destination computer and sending it to the linking node. The linking node is responsible for forwarding each message it receives to the appropriate destination (it needs to use a table that translates computer names to their IP addresses). Use Datagrams.