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```
String sentence = inFromUser.readLine();
      sendData = sentence.getBytes();
     DatagramPacket sendPacket = new DatagramPacket(sendData, sendData.length, IPA
      clientSocket.send(sendPacket);
     DatagramPacket receivePacket = new DatagramPacket (receiveData, receiveData.le
      clientSocket.receive(receivePacket);
      String modifiedSentence = new String(receivePacket.getData());
      System.out.println("PROM UDP SERVER:" + modifiedSentence);
      clientSocket.close();
//-----TCPServer.java
//home/tovantran/Ctest/TCPServer.java --> 2015-03-14 by ./.tv owner; tovantran
//https://systembash.com/a-simple-java-top-server-and-top-client/
//package mythread.tcpserver;
import java.io. *;
import java.net. *;
class TCPServer
  public static woid main(String argv()) throws Exception
         String clientSentence;
                                                                   SOCKET
         String capitalizedSentence;
         ServerSocket welcomeSocket - new ServerSocket(6789);
                                     // ServerSocket only port
         while (true)
            Socket connectionSocket = welcomeSocket.accept(); // block Call
           BufferedReader inFromClient =
              new BufferedReader (new InputStreamReader (connectionSocket.getInputSt
           DataOutputStream outToClient = new DataOutputStream(connectionSocket.ge
           clientSentence = inFromClient.readLine();
                                                                   LIREAD
           System.out.println("Received: " + clientSentence);
           capitalizedSentence = clientSentence.toUpperCase() + '\n'
                                                                     11 WRITE
           outToClient.writeBytes(capitalizedSentence);
//-----TCPClient.java
//home/tovantran/Ctest/TCPClient.java --> 2015-03-14 by ./.tv owner: tovantran
//https://systembash.com/a-simple-java-tcp-server-and-tcp-client/
//package mythread.topclient;
import java.io. *;
import java.net.*;
class TCPClient
 public static void main (String argv ()) throws Exception
  String sentence:
  String wodifiedSentence:
  BufferedReader inFromUser = new BufferedReader( new InputStreamReader(System.in))
  Socket clientSocket = new Socket("localhost", 6789); //Socket(client) host and po
  DataOutputStream outToServer = new DataOutputStream(clientSocket.getOutputStream(
  BufferedReader inFromServer = new BufferedReader(new InputStreamReader(clientSock
  sentence = inFromUser.readLine();
  outToServer.writeBytes(sentence + '\n');
  modifiedSentence = inFromServer.readLine();
  System.out.println("FROM TCP SERVER: " + modifiedSentence);
  clientSocket.close();
```

```
Socker ATE -> breeding
         Source It
   Stc Post
         Destruction IP
int socket (int domain, int type, int protocol)
int bind (Int socket, ctout sockaddr * address, int len)
       It binds the socket to the specified address.
  Socket Descriptor
                          r descriptions are shared by throads
                     host IP
                     128.173.
      remote
                     port 80
```

send