24

```
String wentence . inFronUser.readline();
      sendData - sentunco.getBytes();
      DatagramPacket sensiPacket - new DatagramPacket(sensiData, sensiData,length, IPA
      clientSecket.wend(sendFacket);
     DatagramPacket recrivePacket - new DatagramPacket (recriveData, recriveData.le
      clientSocket.roceive(receivePacket);
      String modified@entence - now String(receiveDacket.gerDatA());
      Systom.out.println(*FROM UDP SERVER: * = codifiedSentence);
      client Socket. close();
//*******TCPServar.jaya
//home/tovantian/Ctest/TCPServer.java --> 2015-03-14 by ./.tv oknor: bovantium
//https://ayatombauh.com/a-simple-tavz-rep-server-and-rep-elinnt/
//package mythread topsesvery
import Sava.io. */
import java.net. *;
class TCRServer
  public static wold main(String argy()) throws Exception
         String clientSentence;
                                                                    SOCKET
         String capitalizedSentence:
         RerverSocket welcomeSocker + new SezverSocker (6789);
                                     // ServerSocket only port
         while (true)
            Socket connectionSocket . welcomeSocket.accept(); // block Call
            BufferedReader inFronClient -
              new BufferedReader(new InputStreamReader(connectionSocket.getImputSt
            DataGutputStream outToClient - new DataGutputStream(connectionSocket.go
            clientGentence . inFronClient.rendLine();
                                                                    WEEAD
            System.out_println(*Received: * + clientSentence);
            capitalizedSentence - clientSentence.toOpperCave[] - '\n'
            outToClient writeBytes (capitalizedSentence);
//-----TCPClient.java
//home/towantran/Ctest/TCPClient.java --> 2016-03-14 by ./.tv owner: towantran
//https://wystembash.com/a-simple-java-icp-servar-and-top-client/
//package mythread.tepeliest/
import java.io. 4
Import Sava.net.*;
class TCPClient
 public static void main(String argv[]) throws Exception
  String Mentence:
  String modifiedSentence:
  BufferedReader InProclass - new BufferedReader( new InputStreamReader(System.in))
  Secret elientSocket - new Socket (*localhoet*, $789); //Socket feliant) host and po-
  Dat aCutput Stream OutVollerver - new Tarachtput Stream (ellent Sucket. qui Cutput Stream (
  ButteredReader inFronCorver + new ButteredReader | new InsutforcamReader (elicatSock
  sentence = inFrontser_readline() /
  outtoServer .writeBytes!sentencs + '\m'ld
  modifiedSentence - inFromServer.readLine():
  System.out.println(*PROM TCP SERVER: * * modifiedSeptence);
  clientSocket.closs();
```

```
Socker ATE -> bleding
         Source IF
              inct domain, inttyne, Int protocol
int bind (Int socket, struct sockeder * address, int len
       It binds the socket to the specified address.
  Socker Descriptor
                     hocket descriptions are shorted by thoused
                    Allow Date strappeddres Late Structure
                     Alle Jamily
                      AF INE
                     1406 11
                     125.412.
      remote
                     Port SO
```

send |