EX NO:3(b) CHAT APPLICATION USING TCP SOCKETS

PROGRAM:

ChatServer:

import java.io.\*;

import java.net.\*;

import java.util.\*;

public class ChatServer

{

public static void main(String args[])

{

try

{

ServerSocket ss=new ServerSocket(6666);

Socket s=ss.accept();

DataInputStream din=new DataInputStream(s.getInputStream());

DataOutputStream dout=new

DataOutputStream(s.getOutputStream());

Scanner input=new Scanner(System.in);

String senddata="";

String recievedata="";

while(!recievedata.equals("stop"))

{

recievedata=din.readUTF();

System.out.println("CLIENT SAYS :"+recievedata);

System.out.print("TO CLIENT :");

senddata=input.nextLine();

dout.writeUTF(senddata);

}

din.close();

dout.close();

s.close();

ss.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

ChatClient:

import java.io.\*;

import java.net.\*;

import java.util.\*;

public class ChatClient

{

public static void main(String args[])

{

try

{

Socket s=new Socket("localhost",6666);

DataInputStream din=new DataInputStream(s.getInputStream());

DataOutputStream dout=new

DataOutputStream(s.getOutputStream());

Scanner input =new Scanner(System.in);

String senddata="";

String recievedata="";

while(!senddata.equals("stop"))

{

System.out.print("TO SERVER :");

senddata=input.nextLine();

dout.writeUTF(senddata);recievedata=din.readUTF();

System.out.println("SERVER SAYS :"+recievedata);

}

din.close();

dout.close();

s.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

OUTPUT:



