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import java.io.*;
import java.net.*;

public class Assign24_Server
{
    public static void main(String[]args)
    {
        try
        {
            String str,str1=null;
            ServerSocket ss=new ServerSocket(8888);
            Socket s=ss.accept();
            DataInputStream dis = new
DataInputStream(s.getInputStream());
            InputStreamReader ir=new InputStreamReader(System.in);
            BufferedReader br=new BufferedReader(ir);
            Socket s1=new Socket("localhost",9999);
            DataOutputStream di=new
DataOutputStream(s1.getOutputStream());
            while(true)
            {
                str=(String)dis.readUTF();
                System.out.println(str);
                if(str.equals("over and out"))
                {
                    System.out.println("Client ended the
conversation...");
                    break;
                }
                else if(str.equals("over"))
                {
                    while(str.equals("over"))
                    {
                        str1=br.readLine();
                        if(str1.equals("over"))
                        {
                            di.writeUTF(str1);
                            break;
                        }
                        else
                        {
                            di.writeUTF(str1);
                        }
                    }
                }
                di.flush();
                di.close();
                ss.close();
            }
        }
        catch(Exception e)
        {
            System.out.println(e);
        }
    }
}

```

} }