import java.io.IOException;  
import java.net.\*;  
import java.util.Calendar;  
import java.util.TimeZone;  
import java.util.Date;  
  
public class a {  
  
 private static final long EPOCH\_OFFSET\_MILLIS;  
  
 static {  
 Calendar calendar = Calendar.getInstance(TimeZone.getTimeZone("GMT"));  
 calendar.set(1900, Calendar.JANUARY, 1, 0, 0, 0);  
 EPOCH\_OFFSET\_MILLIS = Math.abs(calendar.getTime().getTime());  
 }  
  
  
 public static void main(String[] args) {  
 try {  
 InetAddress add = InetAddress.getByName("time.nist.gov");  
 //System.out.println(add.getHostAddress());  
 DatagramSocket socket = new DatagramSocket(9000);  
 byte[] b = " ".getBytes();  
 DatagramPacket dp = new DatagramPacket(b,b.length,add,37);  
 socket.send(dp);  
  
 byte [] b1 = new byte[1024];  
 DatagramPacket dp1 = new DatagramPacket(b1,b1.length);  
  
  
 int b2[] = new int[4];  
 socket.receive(dp1);  
 for (int i = 0; i < 4; i++) {  
 //System.out.println(b1[i]);  
 b2[i] = b1[i] &0xff;  
 //System.out.println(b2[i]);  
 }  
  
 long a = (((long) b2[0]) << 24) + (b2[1] << 16) + (b2[2] << 8) + (b2[3]);  
  
 System.out.println("毫秒值为:\n"+a+"ms");  
 Date data;  
 data = new Date(a \* 1000-EPOCH\_OFFSET\_MILLIS);  
 String s1 = DateToCN((Date) data);  
 System.out.println("时间为：\n"+s1);  
  
 } catch (UnknownHostException e) {  
 // TODO 自动生成的 catch 块  
 e.printStackTrace();  
 } catch (SocketException e) {  
 // TODO 自动生成的 catch 块  
 e.printStackTrace();  
 } catch (IOException e) {  
 // TODO 自动生成的 catch 块  
 e.printStackTrace();  
 }  
 }  
  
 public static String DateToCN(Date date) {  
 if (null == date || "".equals(date)) {  
 return null;  
 }  
 Calendar calendar = Calendar.getInstance();  
 calendar.setTime(date);  
 StringBuffer cn = new StringBuffer();  
 //获取年、月、日  
 String year = String.valueOf(calendar.get(Calendar.YEAR));  
 cn.append(year);  
 cn.append("年");  
 int mon = calendar.get(Calendar.MONTH) + 1;  
 cn.append(mon);  
 cn.append("月");  
 int day = calendar.get(Calendar.DAY\_OF\_MONTH);  
 cn.append(day);  
 cn.append("日");  
 cn.append(" ");  
 //获取时、分、秒  
 int hour = calendar.get(Calendar.HOUR\_OF\_DAY);  
 cn.append(hour);  
 cn.append("时");  
 int minute = calendar.get(Calendar.MINUTE);  
 cn.append(minute);  
 cn.append("分");  
 int second = calendar.get(Calendar.SECOND);  
 cn.append(second);  
 cn.append("秒");  
 return cn.toString();  
 }