**activity\_main.xml（布局）**

<TableLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#ffffcc"  
 android:padding="10dp"  
 android:stretchColumns="1">  
  
 <TextView  
 android:background="@drawable/navigator"  
 android:gravity="center\_horizontal"  
 android:padding="10dp"  
 android:text="添加个人信息"  
 android:textColor="#ffffff"  
 android:textSize="25sp" />  
  
 <TableRow>  
  
 <TextView  
 android:text="姓名："  
 android:textSize="18sp" />  
  
 <EditText android:id="@+id/name" />  
 </TableRow>  
  
 <TableRow>  
  
 <TextView  
 android:text="性别："  
 android:textSize="18sp" />  
  
 <EditText android:id="@+id/sex" />  
 </TableRow>  
  
 <TableRow>  
  
 <TextView  
 android:text="年龄："  
 android:textSize="18sp" />  
  
 <EditText android:id="@+id/age" />  
 </TableRow>  
  
 <LinearLayout  
 android:gravity="center\_horizontal"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="40dp"  
 android:text="保存" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="40dp"  
 android:onClick="reset"  
 android:text="取消" />  
  
 </LinearLayout>  
 <LinearLayout  
 android:gravity="center\_vertical"  
 android:orientation="vertical">  
  
  
 <TextView  
 android:id="@+id/resultTV"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content" />  
 </LinearLayout>  
  
  
</TableLayout>

**MainActivity.java**

package cn.zxz.urlpostmysql;  
  
import java.io.BufferedReader;  
import java.io.DataOutputStream;  
import java.io.IOException;  
import java.io.InputStreamReader;  
import java.net.HttpURLConnection;  
import java.net.MalformedURLException;  
import java.net.URL;  
import java.net.URLEncoder;  
  
import android.app.Activity;  
import android.os.Bundle;  
import android.os.Handler;  
import android.os.Message;  
import android.view.View;  
import android.view.View.OnClickListener;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class MainActivity extends Activity {  
 private EditText name1; *//申明一个输入姓名的编辑框对象* private EditText sex1; *//申明一个输入性别的编辑框对象* private EditText age1; *//申明一个输入年龄的编辑框对象* private Button btn1; *//申明一个“保存”按钮对象* private Handler handler; *//申明一个Handler对象* private String result = ""; *//申明一个代表显示内容的字符串* private TextView resultTV; *//申明一个显示结果的文本框对象  
  
 // public void reset(View view){  
// ;  
// }* @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 name1 = (EditText) findViewById(R.id.*name*); *//获取输入姓名的EditText组件* sex1 = (EditText) findViewById(R.id.*sex*); *//获取输入性别的EditText组件* age1 = (EditText) findViewById(R.id.*age*); *//获取输入年龄的EditText组件* btn1 = (Button) findViewById(R.id.*btn*); *//获取“保存”按钮组件* resultTV = (TextView) findViewById(R.id.*resultTV*);  
 *//为按钮添加点击事件监听器* btn1.setOnClickListener(new OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if ("".equals(name1.getText().toString())) {  
 Toast.*makeText*(MainActivity.this, "姓名不能为空！", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
 *//创建一个新线程，用于发送并读取个人信息* new Thread(new Runnable() {  
 public void run() {  
 send();  
 Message m = handler.obtainMessage(); *//获取一个Message对象* handler.sendMessage(m); *//向UI线程发送消息* }  
 }).start(); *//开启线程* }  
 });  
 handler = new Handler() {  
 @Override  
 public void handleMessage(Message msg) {  
 if (result != null) {  
 Toast.*makeText*(MainActivity.this, "添加成功！", Toast.*LENGTH\_SHORT*).show();  
  
 name1.setText(""); *//清空姓名编辑框* sex1.setText(""); *//清空性别编辑框* age1.setText(""); *//清空年龄编辑框* resultTV.setText(result); *//输出添加的信息* }  
 super.handleMessage(msg);  
 }  
 };  
  
 }  
  
 public void send() {  
 String target = "http://192.168.31.84:8080/index.jsp";*//要提交的目标地址 ip为主机的ip地址* URL url;  
 try {  
 url = new URL(target);  
 HttpURLConnection urlConn = (HttpURLConnection) url  
 .openConnection(); *//创建一个HTTP连接* urlConn.setRequestMethod("POST"); *//指定使用POST请求方式* urlConn.setDoInput(true); *//向连接中写入数据* urlConn.setDoOutput(true); *//从连接中读取数据* urlConn.setUseCaches(false); *//禁止缓存* urlConn.setInstanceFollowRedirects(true); *//自动执行HTTP重定向* urlConn.setRequestProperty("Content-Type",  
 "application/x-www-form-urlencoded"); *//设置内容类型* DataOutputStream out = new DataOutputStream(  
 urlConn.getOutputStream()); *//获取输出流  
 //连接要提交的数据* String param = "name="  
 + URLEncoder.*encode*(name1.getText().toString(), "utf-8")  
 + "&sex=" + URLEncoder.*encode*(sex1.getText().toString(), "utf-8")  
 + "&age=" + URLEncoder.*encode*(age1.getText().toString(), "utf-8");  
 out.writeBytes(param); *//将要传递的数据写入数据输出流* out.flush(); *//输出缓存* out.close(); *//关闭数据输出流  
 //判断是否响应成功* if (urlConn.getResponseCode() == HttpURLConnection.*HTTP\_OK*) {  
 InputStreamReader in = new InputStreamReader(  
 urlConn.getInputStream()); *//获得读取的内容* BufferedReader buffer = new BufferedReader(in); *//获取输入流对象* String inputLine = null;  
 while ((inputLine = buffer.readLine()) != null) {  
 result += inputLine + "\n";  
 }  
 in.close(); *//关闭字符输入流* }  
 urlConn.disconnect(); *//断开连接* } catch (MalformedURLException e) {  
 e.printStackTrace();  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 }  
}

**index.jsp**

<%@ page import="java.sql.Connection" %>  
<%@ page import="java.sql.DriverManager" %>  
<%@ page import="java.sql.PreparedStatement" %>  
<%@ page import="java.sql.SQLException" %>  
<%  
 String name = request.getParameter("name"); *// 获取输入的用户名* String sex = request.getParameter("sex"); *// 获取输入的性别* String age = request.getParameter("age"); *// 获取输入的年龄* if (name != null && sex != null && age != null) { *// 判断用户名、性别、年龄是否为空* String url = "jdbc:mysql://localhost:3306/STU"; *// 数据库连接URL* String user = "root"; *// 数据库用户名* String passwords = "123456"; *// 数据库密码* try {  
 Class.*forName*("com.mysql.cj.jdbc.Driver"); *// 加载数据库驱动* Connection cn = DriverManager.*getConnection*(url, user, passwords); *// 获取数据库连接* String IQ = "INSERT INTO Stus (name, sex, age) VALUES (?, ?, ?)";  
 PreparedStatement ps = cn.prepareStatement(IQ);*//预先定义一个带有占位符的SQL查询或更新语句，然后在执行之前将实际的参数值绑定到占位符上* ps.setString(1, name);  
 ps.setString(2, sex);  
 ps.setString(3, age);  
 ps.executeUpdate();  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
%>  
*<%--返回的值--%>*<%="name:"+name%>  
<%="sex:"+sex%>  
<%="age:"+age%>  
*<%--<%="ok"%>--%>*<%}%>

**写在最后：**

**AndroidManifest.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
*<!-- 有<uses-permission android:name="android.permission.INTERNET"/>才能允许Android软件联网-->  
<!-- android:networkSecurityConfig="@xml/network\_security\_config"配置信任的ip-->* <uses-permission android:name="android.permission.INTERNET"/>  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.URLPostMySQL"  
 android:networkSecurityConfig="@xml/network\_security\_config"  
 tools:targetApi="31">  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>

**network\_security\_config.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<network-security-config>  
 *<!--base-config cleartextTrafficPermitted="false"/ all permitted-->* <domain-config cleartextTrafficPermitted="true">  
 <domain includeSubdomains="true">127.0.0.1</domain>*<!--just permitted 127.0.0.1-->* <domain includeSubdomains="true">localhost</domain>  
 <domain includeSubdomains="true">192.168.31.84</domain>  
 </domain-config>  
</network-security-config>