**import** java.awt.Container;

**import** java.sql.\*;

**import** java.util.StringTokenizer;

**import** java.util.Vector;

**import** javax.swing.JFrame;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**public** **class** Conn {

**static** Connection *con*;

**static** PreparedStatement *sql*;

**static** ResultSet *res*;

**public** Connection getConnection(){//getConnection()这个方法主要是用来加载和连接数据库

**try**{

Class.*forName*("com.mysql.jdbc.Driver");//用静态方法forName（）来加载JDBC驱动程序；

System.***out***.println("OK");

}**catch**(ClassNotFoundException e){

e.printStackTrace();

}

**try**{

*con*=DriverManager.*getConnection*("jdbc:mysql://127.0.0.1:3306/class?characterEncoding=utf8&useSSL=false", "root", "");

System.***out***.println("ok");//getConnection(string url,Sting user,string password)

}**catch**(SQLException e){

e.printStackTrace();

}

**return** *con*;

}

**public** **static** **void** main(String[] args) **throws** SQLException {

Conn c = **new** Conn();

c.getConnection();

*sql* = *con*.prepareStatement("select \* from student");

*res* = *sql*.executeQuery();

**while**(*res*.next()){

String id = *res*.getString("id");

String name = *res*.getString("name");

String tel = *res*.getString("tel");

String sex = *res*.getString("sex");

System.***out***.println(id + " ");

System.***out***.println(name + " ");

System.***out***.println(tel + " ");

System.***out***.println(sex + " ");

}

*sql* = *con*.prepareStatement("insert into student(name,tel,sex)values(?,?,?)");

*sql*.setString(1,**new** String("Jack"));

*sql*.setInt(2, 1243567890);

*sql*.setString(3, **new** String("man"));

*sql*.executeUpdate();

System.***out***.println("新记录插入成功！");

*sql*=*con*.prepareStatement("update student set name" + "=? where id = 3");

*sql*.setString(1, "KK");

*sql*.executeUpdate();

System.***out***.println("更新成功！");

*sql*=*con*.prepareStatement("delete from student where id = 3");

*sql*.executeUpdate();

*sql* = *con*.prepareStatement("select \* from student");

*res* = *sql*.executeQuery();

**int** row = 0,index = 0;

JFrame jf = **new** JFrame();

Container ct = jf.getContentPane();

jf.setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

String[] columnNames= {"学号","姓名 ","电话号码 ","性别 "};

*sql* = *con*.prepareStatement("select \* from student");

*res* = *sql*.executeQuery();

**while**(*res*.next()){

row++;

}

*res*.beforeFirst();

String[][] tableValues = **new** String[row][4];

**while**(*res*.next()){

String id = *res*.getString("id");

String name = *res*.getString("name");

String tel = *res*.getString("tel");

String sex = *res*.getString("sex");

tableValues[index][0] = id;

tableValues[index][1] = name;

tableValues[index][2] = tel;

tableValues[index][3] = sex;

index++;

}

JTable jt = **new** JTable(tableValues,columnNames);

JScrollPane js = **new** JScrollPane(jt);

ct.add(js);

jf.setVisible(**true**);

}

}