package sqltest;

import java.sql.\*;

import java.util.Scanner;

public class mytable {

String sUser="root",sPd="",dbUri="jdbc:mysql://localhost:3306/mydata?serverTimezone=UTC";

mytable()

{

try

{

Connection conn=DriverManager.getConnection(dbUri,sUser,sPd);

Statement statement=conn.createStatement();

String sql="insert into mytable values('武汉',66666,6666.9,'2022-12-5')";

statement.executeUpdate(sql);

System.out.println("添加成功");

sql="select \* from mytable";

ResultSet rs=statement.executeQuery(sql);

}

catch(SQLException e)

{

System.out.println(e.toString());

}

}

void println()

{

Scanner in=new Scanner(System.in);

int a=999;

while(a!=0)

{

a=in.nextInt();

System.out.println("按1，显示数据库的内容");

System.out.println("按2，删除一条记录");

System.out.println("按3，更新时间");

//显示数据库的内容

if(a==1)

{

try

{

Connection conn=DriverManager.getConnection(dbUri,sUser,sPd);

Statement statement=conn.createStatement();

String sql="select \* from mytable";

ResultSet rs=statement.executeQuery(sql);

while(rs.next())

{

System.out.printf("%8s",rs.getString(1));

System.out.printf("%15d",rs.getInt("Population"));

System.out.printf("%20f",rs.getFloat("GDP"));

System.out.printf("%18s\n",rs.getDate("LastModified"));

}

conn.close();

}

catch(SQLException e)

{

System.out.println(e.toString());

}

}

//删除一条记录

if(a==2)

{

try

{

Connection conn=DriverManager.getConnection(dbUri,sUser,sPd);

Statement statement=conn.createStatement();

String sql="delete from mytable where City='武汉'";

statement.executeUpdate(sql);

}

catch(SQLException e)

{

System.out.println(e.toString());

}

}

if(a==3)

{

try

{

Connection conn=DriverManager.getConnection(dbUri,sUser,sPd);

Statement statement=conn.createStatement();

String sql="delete from mytable where City='武汉'";

statement.executeUpdate(sql);

}

catch(SQLException e)

{

System.out.println(e.toString());

}

}

}

}

}