Java编程环境使用NetBeans IDE。

1. 安装MySQL connector/J，下载地址：

http://dev.mysql.com/downloads/connector/j/

1. 配置NetBeans，参考如下网页：

http://blog.chinaunix.net/uid-20653148-id-1591410.html

1. NetBeans中测试相关源代码：
   1. 例1：一个简单的连接测试

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| package jdbcexample;  import java.sql.DriverManager;  import java.sql.Connection;  import java.sql.SQLException;  public class JDBCexample1{  public static void main(String[] argv) {  System.out.println("-------- MySQL JDBC Connection Testing ------------");  try {  Class.forName("com.mysql.jdbc.Driver");  } catch (ClassNotFoundException e) {  System.out.println("Where is your MySQL JDBC Driver?");  e.printStackTrace();  return;  }  System.out.println("MySQL JDBC Driver Registered!");  Connection connection = null;  try {  connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/sysu","root", "1234");  //把sysu换成你自己的测试数据库名，用户名及密码也换成你自己的  } catch (SQLException e) {  System.out.println("Connection Failed! Check output console");  e.printStackTrace();  return;  }  if (connection != null) {  System.out.println("You made it, take control your database now!");  } else {  System.out.println("Failed to make connection!");  }  }  } |

* 1. 例2：在instructor表中先插入一个记录，然后列出表中所有记录

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| package jdbcexample;  import java.sql.Connection;  import java.sql.DriverManager;  import java.sql.SQLException;  import java.sql.Statement;  import java.sql.ResultSet;  /\*\*  \*  \* @author SangYingpeng  \*/  public class JDBCexample2{  /\*\*  \* @param args the command line arguments  \*/  public static void main(String[] argv) {  try  {  Class.forName ("com.mysql.jdbc.Driver");  Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/sysu","root", "1234");  //把sysu换成你自己的测试数据库名，用户名及密码也换成你自己的  Statement stmt = conn.createStatement();  try {  stmt.executeUpdate(  "insert into instructor values('77987', 'Kim', 'Physics', 98000)");  } catch (SQLException sqle)  {  System.out.println("Could not insert tuple." + sqle);  }  ResultSet rset = stmt.executeQuery(  "select dept\_name, avg (salary) "+  " from instructor "+  " group by dept\_name");  while (rset.next()) {  System.out.println(rset.getString("dept\_name") + " " +  rset.getFloat(2));  }  stmt.close();  conn.close();  }  catch (Exception sqle)  {  System.out.println("Exception : " + sqle);  }  }    } |