编写方法，查询学生表所有的学生，封装成List<Student>返回

答案:

// 1.编写方法，查询学生表所有的学生，封装成List<Student>返回

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

       List<Student> students = *getStudents*();

**for** (Student student : students) {

           System.***out***.println(student);

       }

    }

**public** **static** List<Student> getStudents() {

       String sql = "select id,name,gender from stu";

       //1.得到连接对象

       Connection conn = JdbcUtil.*getConnection*();

       //2. 创建PreparedStatement

       PreparedStatement ps  = **null**;

       ResultSet rs = **null**;

       List<Student> students = **new** ArrayList<>();

**try** {

           ps = conn.prepareStatement(sql);

           //3. 因为没有参数，所以直接运行

           rs = ps.executeQuery();

**while**(rs.next()) {

              Student s = **new** Student();

              //封装数据

              s.setId(rs.getInt("id"));

              s.setName(rs.getString("name"));

              s.setGender(rs.getString("gender"));

              students.add(s);

           }

       } **catch** (SQLException e) {

           e.printStackTrace();

       }

**finally** {

           JdbcUtil.*close*(conn, ps, rs);

       }

**return** students;

    }