

Exercise: JDBC

1. Follow the instructions in the Moodle for installing a JDBC driver on your account in the LIDA. Compile and run the classes Student.java, JDBCTestExample.java and KeyboardInput.java. You can use NetBeans or Eclipse to do so, or simply use the commands javac and java.

2. Inspect the code of these classes until you understand it. Then extend the code with the following functionality:

- Write a new static method for JDBCTestExample that provides a list of all student matriculation numbers and names that are currently in the universityDB.
- 3. Play around with the code. Extend it by further functionality as you wish.
 - In particular, write a new static method for handling an arbitrary SELECT statement and returning the list of returned tuples, for instance displaying them in the shell window.

Hint: Do some research in the Java API. Look for instance at the Interface java.sql.ResultSetMetaData and its methods. Also look at the methods provided by ResultSet.

You can find documentation about the Java API for instance at:

<http://download.oracle.com/javase>