

## 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>