

	Course	<b>Databases and Information Systems 2015</b>		
	Exercise Sheet	<b>1</b>		
	Points	–		
	Release Date	<b>April 1<sup>st</sup> 2015</b>	Due Date	–

## Exercise 1: DB2 Warm-Up

### Exercise 1.1: Command Line Processor (CLP)

- a) Configure your DB2 environment by running the following command in a terminal:

```
. /homeLocal/db2inst1/sqllib/db2profile
```

**Note:** You must run this command after each sign-in. Alternatively, you can write the call into your `.profile` file (script only works in bash or ksh). Note the dot and the space before the `/homeLocal!`

- b) Determine the meaning of the SQL-code SQL0911N by using the CLP.
- c) Establish a connection to the database VSISP:
- ```
db2 connect to VSISP user vsispXX
```
- d) Create a table with at least three columns of different data types with an appropriate command line call.
- e) Create a script that inserts 10 records into the newly created table. First, save the script in a txt-file and then run it with the CLP.
- f) Disconnect from database VSISP.

### Exercise 1.2: SquirrelL

- a) Set everything up as described in the dial-in instructions (see website).
- b) Start SquirrelL with the command
- ```
/usr/remote/bin/squirrel.sh
```
- c) Set up a connection to database VSISP by clicking the + button in the **Aliases** tab. In the pop-up window, enter the following values:

```
Name:      VSISP
Driver:    IBM DB2 Universal Driver
URL:       jdbc:db2://vsisls4.informatik.uni-hamburg.de:50001/VSPSP
User Name: vsispXX
Password:  *****
```

Then connect to database VSISP.

- d) Select the **SQL** tab, design a **SELECT** query against the table you created and run the query.
- e) Select your schema (**vsispXX**) in the **Objects** tab which lets you show the content of your table and change any of the records.
- f) Delete the created table, including all records.
- g) Quit SquirrelL.