

	Course	Databases and Information Systems 2016		
	Exercise Sheet	1		
	Points	–		
	Release Date	April 4th 2016	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/sqlllib/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/VSISP
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.