

SQL DDL / Create the Takkula Tables

- The **Takkula tables** will be used in SQL DML exercises.
- Follow carefully the instructions below to create the tables and data for testing.

1. DOWNLOAD THE TAKKULA DATABASE SCRIPTS

- 1.1 Under '**TAKKULA DATABASE**' at the top of the *course timetable page* you find the following link:
Scripts (create, insert, drop)

The link takes you to the following script files:

TAKKULA_Create_Tables.sql	CREATE statements to create the tables
TAKKULA_Insert_Data.sql	INSERT statements to insert the test data into the tables
TAKKULA_Drop_Tables.sql	DROP statements to drop the database tables ➤ <i>If something goes wrong, you can drop Takkula tables by executing this script. Then you can try to create the tables again.</i>

- 1.2 Download the above-mentioned script files.

2. CREATE THE TABLES

- 2.0 *If you are not yet logged in to the SQL Server environment, then start SQL Server Management Studio, log in to the SQL Server environment, and select the database BIT_SWD03 in Object Explorer.*
- 2.1 Open the script file **TAKKULA_Create_Tables.sql** in SQL Server Management Studio.
- 2.2 Do not select anything in the text, but execute the whole script by clicking on **Execute!**
- 2.3 Refresh the Object Explorer and see if you have 11 new tables.
- 2.4 Finally, close the Query Editor window.

3. INSERT THE TEST DATA

- 3.1 Open the script file **TAKKULA_Insert_Data.sql** in SQL Server Management Studio.
- 3.2 Do not select anything in the text, but execute the whole script by clicking on **Execute!**
- 3.3 Open a new Query Editor window and make sure that there is data in the tables. For example, display the contents of the following tables: Teacher, Student, and CourseGrade by executing three separate SELECT statements one by one.
- 3.4 Finally, close all Query Editor windows.

*Then you can move on to **SQL Exercises_1***