<u>Creating database using SQL statements</u>

1. Choose New Query options for opening SQL worksheet window.

2. Define new database named test_yourname using CREATE DATABASE statement.

3. Refresh Object Explorer panel to see your new database.

4. Check the name of the database you are connected to. You can change a current database using the statement:

    USE database_name

5. Define table named BANDS, which consists of the following columns: band_id – integer, primery key, name – varchar limited to 40 characters, origin_country - varchar limited to 50 characters, formed_year – integer.

6. Check the number of records in that table using SELECT count(*) ... statement.

7. Insert into the table one record: name: The Beatles, origin_country: England, formed_year 1960

8. Display all the data using SELECT statement.

9. Check the number of records in that table again.

10. Create another table named MEMBERS consisted of: memeber_id integer incremental from 100 by 1, band_id int, surname varchar limited to 60 characters, name varchar limited to 50 characters.

11. Insert into that table 2 records for The Beatles band: John Lennon and Paul McCartney.

12. Insert into BANDS table another record: name: Queen, origin_country: Great Britain, formed_year: 1971

13. Insert another member: Freddie Mercury.

14. Add constraint, which doesn't allow entering year earlier than 1920.

15. Add another record to ensure that the constraint works properly.