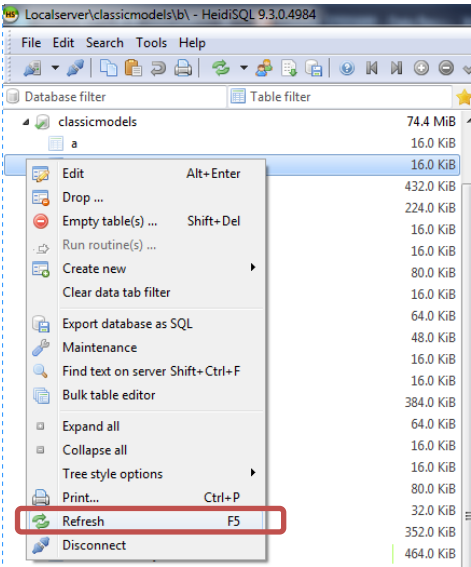


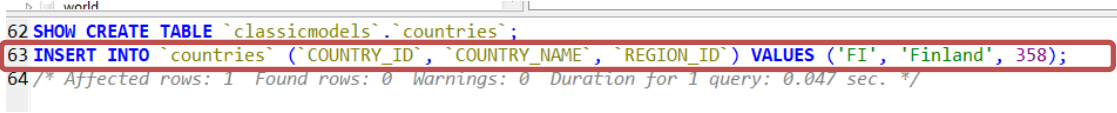
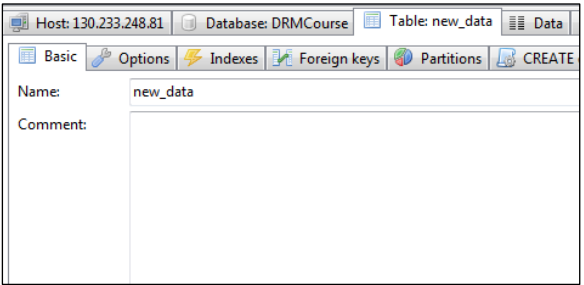


## Answers for hands-on training session 2

- Please check the answer only if you feel you cannot write the right code by yourself.
- You are encouraged to search Internet to find answer if you are unclear on a particular code.

Task ID	Answers to the questions
Task 1:	<p><b>CREATE TABLE countries (COUNTRY_ID varchar(3), COUNTRY_NAME varchar(45), REGION_ID int(10));</b></p> <p>Note that, after creating a table in HeidiSQL, it will NOT automatically appear in the table list. In order to make it visible, please refresh the list.  <i>Please <b>right</b> click on the “database or table” area, then click “refresh”.</i></p> 
Task 2:	<p>First, please activating “Data” window,</p>  <p>Click the “+” button at the top of HeidiSQL,</p>  <p>An empty row will appear in the “Data” window, please then insert value there.</p> <p>Please also check the “Report” area of the software and find the command that is generated by HeidiSQL to insert values.</p>

Task 3:	<p>After inserting a record to the table, some commands appear at the “report” window, through which you could find a command like the one underscored by the red circle in the figure below.</p>  <p>By copying that command from the “report” window to the “command” window [where you write command], you can insert a new record by changing the inserted values.</p> <p>For instance,</p> <pre>INSERT INTO countries (COUNTRY_ID, COUNTRY_NAME, REGION_ID) VALUES ('SE', 'Sweden', 46);</pre> <p>Note that, the new record that was inserted via using a command will NOT automatically appear in the data view. In order to make it visible, please refresh the data. Please <b>right</b> click on the “data” area, then click “refresh”.</p>
Task 4:	<pre>create table dup_countries like countries;</pre>
Task 5:	<pre>drop table dup_countries;</pre>
Task 6:	<pre>CREATE TABLE dup_countries2 AS SELECT * FROM countries;</pre>
Task 7:	<pre>CREATE TABLE countries2 ( COUNTRY_ID varchar(2) NOT NULL, COUNTRY_NAME varchar(40) NOT NULL, REGION_ID decimal(10,0) NOT NULL );</pre>
Task 8:	<pre>CREATE TABLE countries3 ( COUNTRY_ID varchar(2), COUNTRY_NAME ENUM('Finland', 'Sweden', 'Denmark'), REGION_ID decimal(10,0) );</pre>

	Insert values: See task 2 and 3.
Task 9	<pre>CREATE TABLE memory(Happy_date date, Happy_time time default null); insert into memory values (20170112 , 111111); insert into memory (Happy_date) values (20170113); insert into memory values (curdate(), curtime());</pre>
Task 10	See the course slide for solution.
Task 11	Just try the settings by yourself.
Advance tasks	
Task 1	<pre>CREATE TABLE city ( ID int(11) NOT NULL AUTO_INCREMENT, Name char(35) NOT NULL DEFAULT "", CountryCode char(3) NOT NULL DEFAULT "", District char(20) NOT NULL DEFAULT "", Population int(11) NOT NULL DEFAULT '0', PRIMARY KEY (ID) )</pre> <p>Add comment via HeidiSQL</p> 
Task 2	<pre>CREATE TABLE offices ( officeCode varchar(10) NOT NULL, city varchar(50) NOT NULL, phone varchar(50) NOT NULL, addressLine1 varchar(50) NOT NULL, addressLine2 varchar(50) DEFAULT NULL, state varchar(50) DEFAULT NULL, country varchar(50) NOT NULL, postalCode varchar(15) NOT NULL, territory varchar(10) NOT NULL, PRIMARY KEY (officeCode) )</pre>