Laboratory work #2

Please write SQL queries for following tasks and save as .sql file.

1. Create database called «lab2»

2. Create a simple table *countries* including columns *country_id* (primary_key, auto increment), *country_name(string), region_id(integer)* and *population(integer)*.

3. Insert a row with any data into the table *countries* against each columns.

4. Insert one row into the table *countries* against the column *country_id* and *country_name*.

5. Insert NULL value to *region_id* column for a row of *countries* table.

6. Insert 3 rows by a single insert statement.

7. Set default value ‘Kazakhstan’ to *country_name* column.

8. Insert default value to *country_name* column for a row of *countries* table.

9. Insert only default values against each column of *countries* table.

10. Create duplicate of countries table named *countries_new* with all structure using LIKE keyword.

11. Insert all rows from *countries* table to *countries_new* table.

12. Change region_id of country to «1» if it equals NULL. (Use WHERE clause and IS NULL operator)

13. Write a SQL statement to increase population of each country by 10%. Statement should return *country_name* and updated *population* column with name «New Population»(alias).

14. Remove all rows from countries table which has less than 100k population.

15. Remove all rows from *countries_new* table if *country_id* exists in *countries* table. Statement should return all deleted data.

16. Remove all rows from *countries* table. Statement should return all deleted data.