Laboratory work #3

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

1. Create database called «lab3»

2. Create a simple table *countries* including columns *country_id* (primary_key, auto increment), *country_name(string), region_id(integer), capital_name(string)* 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 2 rows by a single insert statement.

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

9.Set default value ‘Nursultan’ to “*capital_name”* column.

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

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

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

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

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

15. Write a SQL statement to increase population of each country by 15%. Statement should return *country_name* and updated *population* column with name «New Population»(alias).

16. Remove all rows from countries table which has less than 100k population and country_name started with “K”.

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

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