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 *clients* including columns *client_id* (primary_key, auto increment), *iin(integer), client_name(string with length 50), phone_number(string with limit 15)* and *balance(integer)*.

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

4. Insert one row into the table *clients* against the column *iin* and *client_name*.

5. Insert NULL value to *balance* column for a row of *clients* table.

6. Insert 5 rows by a single insert statement.

7. Set default value ‘Peter’ to *client_name* column.

8. Insert default value to *client_name* column for a row of *clients* table.

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

10. Create duplicate of clients table named *clients_new* with all structure using LIKE keyword.

11. Insert all rows from *clients* table to *clients_new* table.

12. Change iin of client to «0» if it equals NULL. (Use WHERE clause and IS NULL operator)

13. Write a SQL statement to increase balance of each client by 50%. Statement should return *client_name, phone_number* and updated *balance* column with name «New Balance»(alias).

14. Remove all rows from clients table which has balance less than 100 or NULL balance.

15. Remove all rows from *clients_new* table if *client_id* exists in *clients* table. Statement should return all deleted data.

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