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 *animals* including columns *animal_id*(primary_key, auto increment), *age(integer), name(string with length 50), type(string with limit 15)* and *weight(integer)*.

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

4. Insert one row into the table *animals* against the column *age* and *name*.

5. Insert NULL value to *weight* column for a row of *animals* table.

6. Insert 5 rows by a single insert statement.

7. Set default value “Lion” to *name* column.

8. Insert default value to *name* column for a row of *animals* table.

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

10. Create duplicate of animals table named *animals_new* with all structure using LIKE keyword.

11. Insert all rows from *animals* table to *animals_new* table.

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

13. Write a SQL statement to decrease weight of each animal by 50%. Statement should return *name, type, age* and updated *weight* column with name «New weight(alias).

14. Remove all rows from animals table which has weight less than 100 or NULL weight.

15. Remove all rows from *animals_new* table if *animal_id* exists in *animals* table. Statement should return all deleted data.

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