Laboratory work #2

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

1. Create database called «lab2»
2. c

3. Insert a row with any data into the "Books" table against each column.

4. Insert one row into the table *Books* against the column *book\_id* and *title*.

5. Insert a book with a NULL value in the publication\_year column.

6. Insert 3 books into the Books table using a single INSERT statement.

7. Set the default value 'Unknown Author' for the "author" column and insert a book without specifying an author.

8. Insert only default values against each column of *Books* table.

9. Create duplicate of table named *books\_new* with all structure using LIKE keyword.

10. Insert all rows from *Books* table to *Books\_new* table.

11. Change publication\_year in Books table to «2000» if it equals NULL. (Use WHERE clause and IS NULL operator)

12. Write a SQL statement to increase publication year of each book by 2. Statement should return *title* and updated publication\_year with name «New Publication\_year»(alias).

13. Update the genre of book with ID = 2 to 'Fantasy.'

14. Remove all rows from Books table which genre is “Detective”.

15. Remove all rows from *Books\_new* table if *book\_id* exists in *countries* table. Statement should return all deleted data.

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