Laboratory work #2

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

1. Create database called «lab2».
2. Create table «students» with following fields:

* student\_id (integer primary key)
* first\_name (string max length 50)
* last\_name (string max length 50)
* date\_of\_birth (date)
* major (string max length 50)
* city (string max length 50)
* gpa (decimal)

1. Change type of «student\_ID» column to smallint.
2. Set constraint NOT NULL to column «student\_ID».
3. Rename column «date\_of\_birth» to «birth\_date».
4. Add string (max length 50) column «email» to «students» table.
5. Delete column «major» from the table.
6. Fill the table with 2-3 rows.
7. Retrieve full list of students.
8. Retrieve student with ID=2.
9. Delete «students» table.
10. Delete «lab2» database.