**JANINE CHRYSTAL B. AMPUSTA BSIT 3-1N**

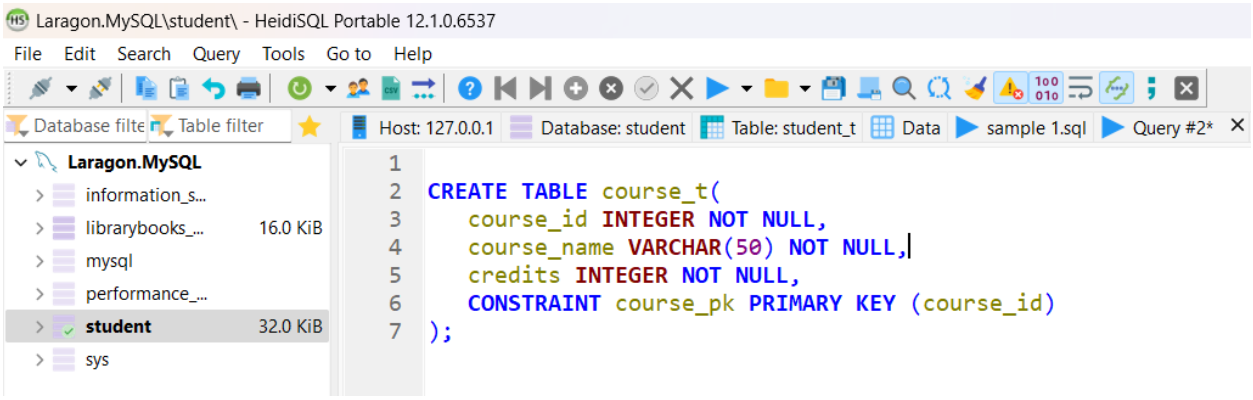
**Activity 2: Writing SQL Syntax**

**Instructions:**

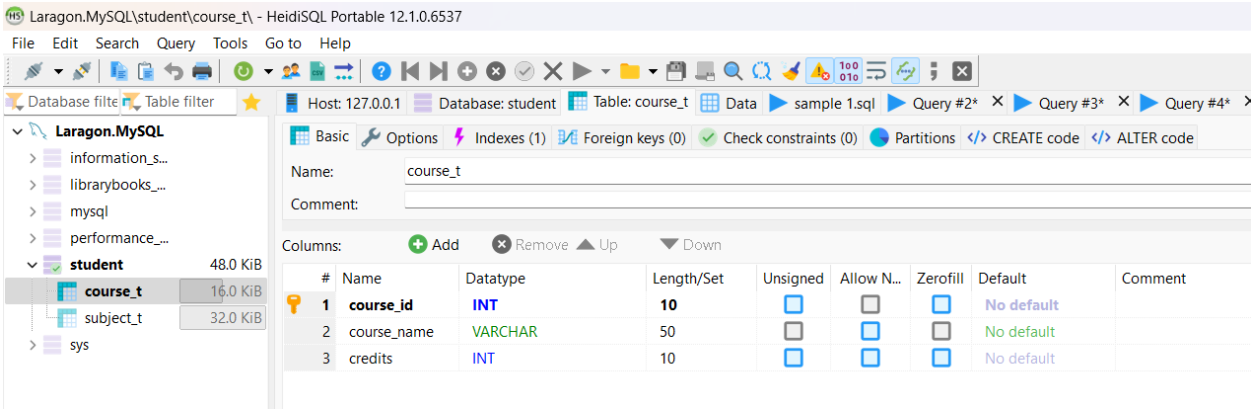
Write the appropriate SQL syntax for the following tasks. Use the examples provided in the lesson as a guide.

1. Create a table named course_t with the following columns:
    - course_id (INTEGER, primary key, not null)
    - course_name (VARCHAR(50), not null)
    - credits (INTEGER, not null)

**QUERY**

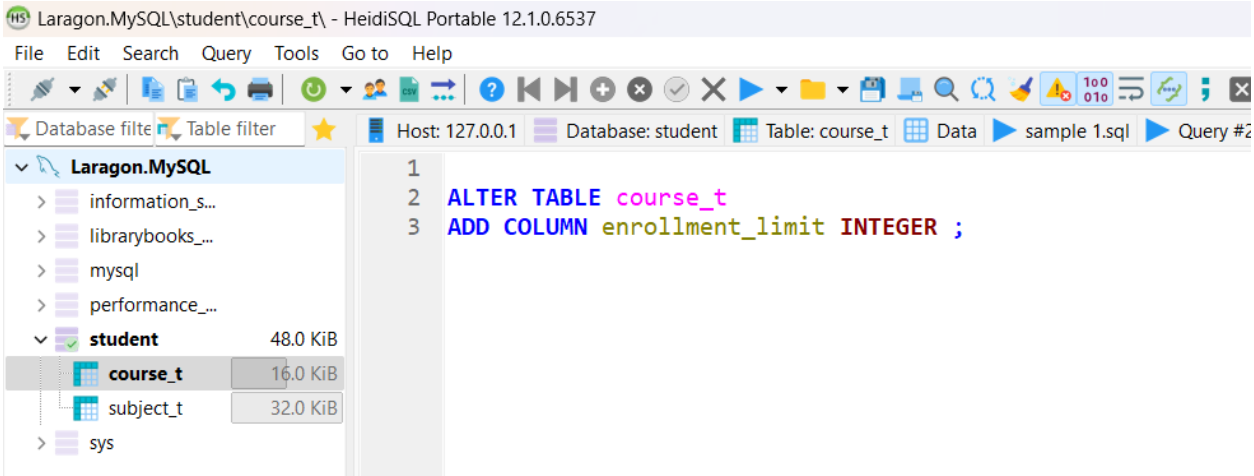



**OUTPUT**




2. Add a column enrollment_limit (INTEGER) to the course_t table.

**QUERY**



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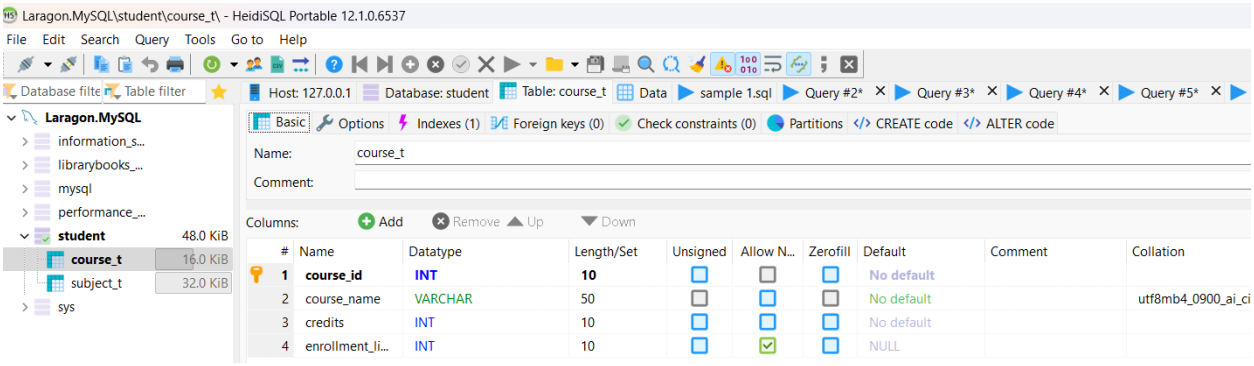
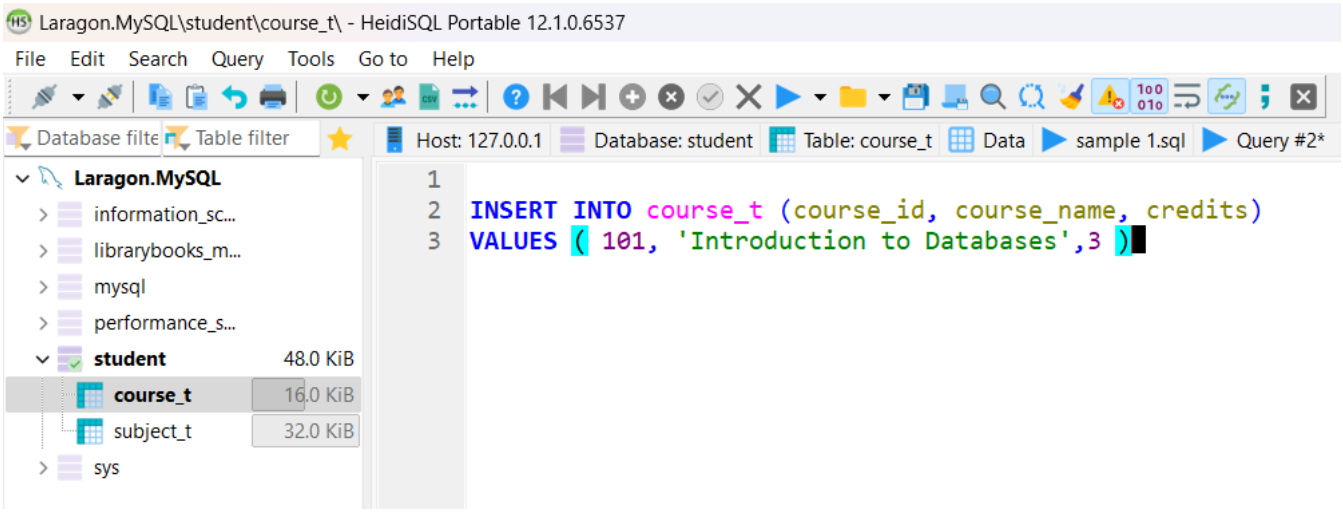
**OUTPUT**

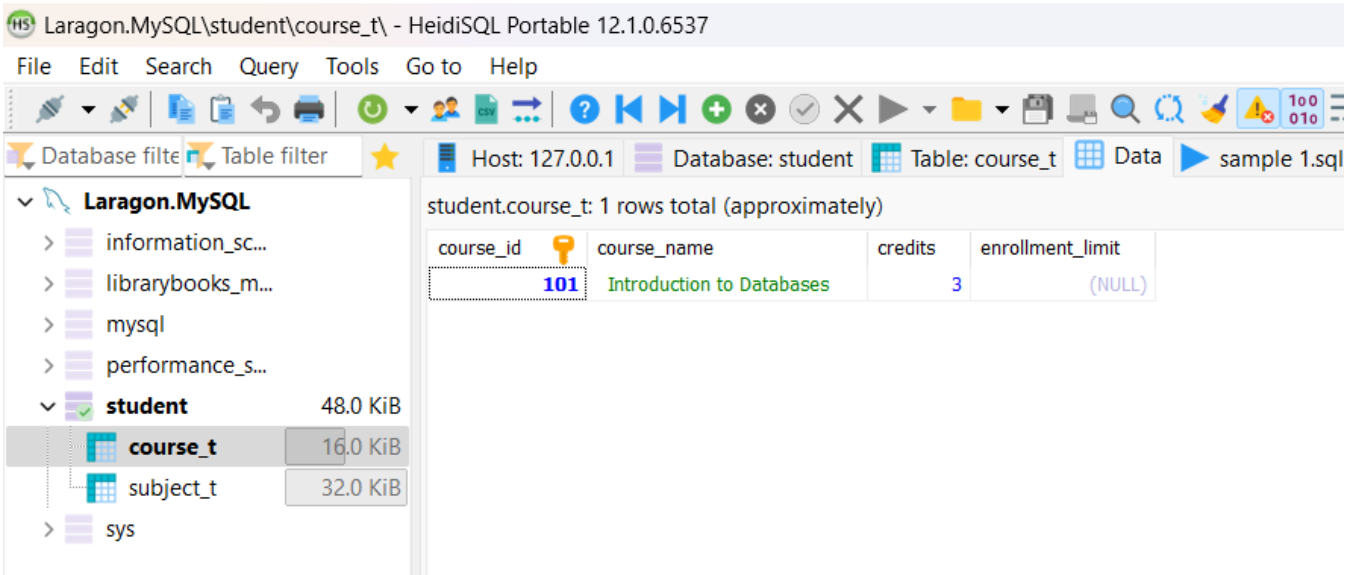



3. Insert the following data into the course_t table:
    - course_id: 101
    - course_name: "Introduction to Databases"
    - credits: 3

**QUERY**




**OUTPUT**



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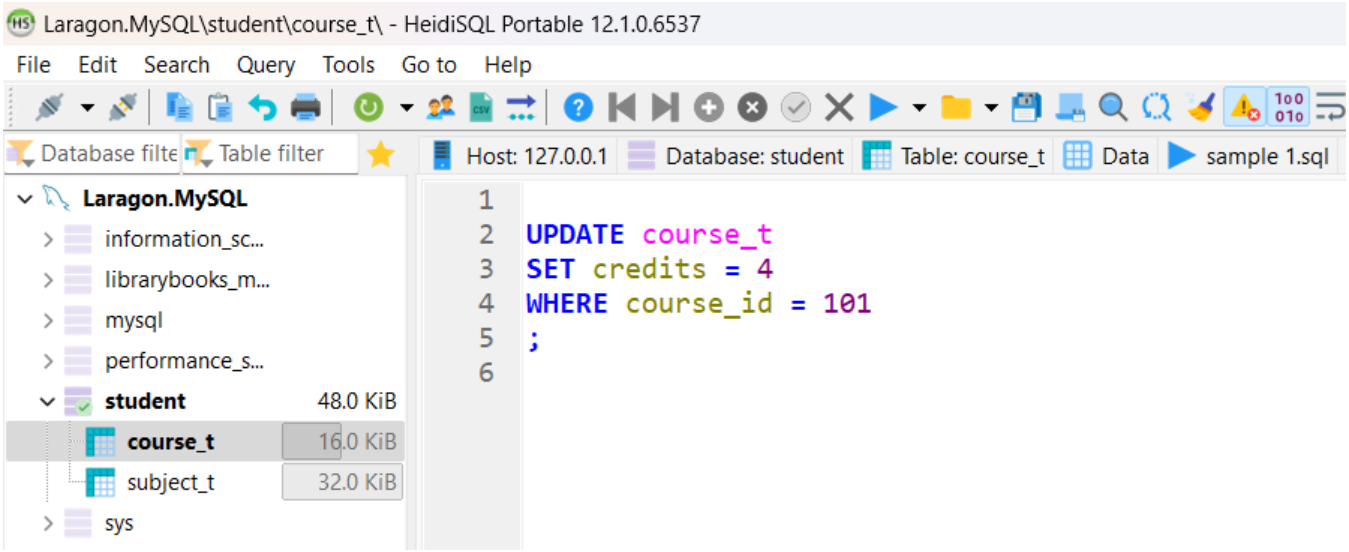
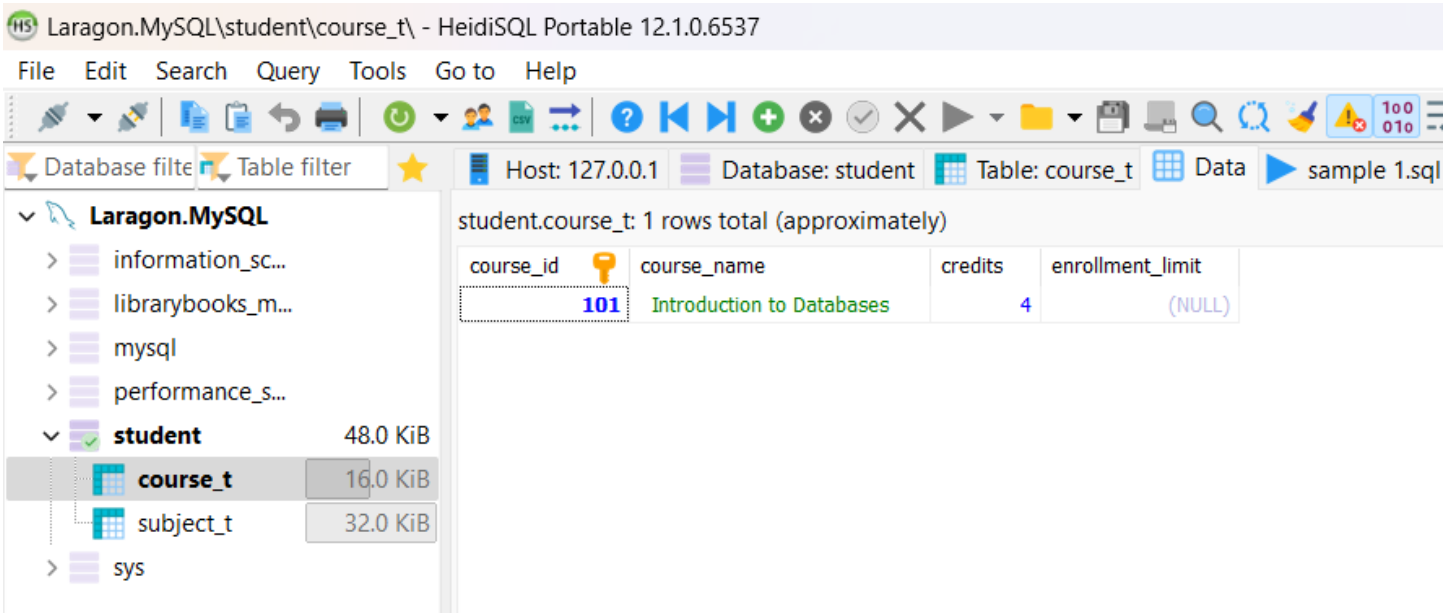
4. Update the credits column for the course with course_id 101 to 4.

**QUERY**

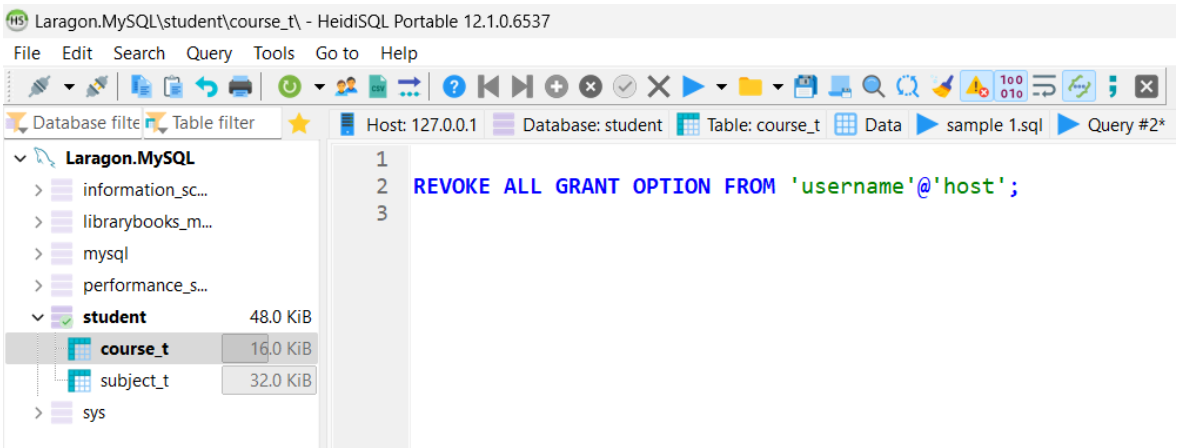



**OUTPUT**




5. Revoke permission for a user to query the course_t table.

**QUERY**



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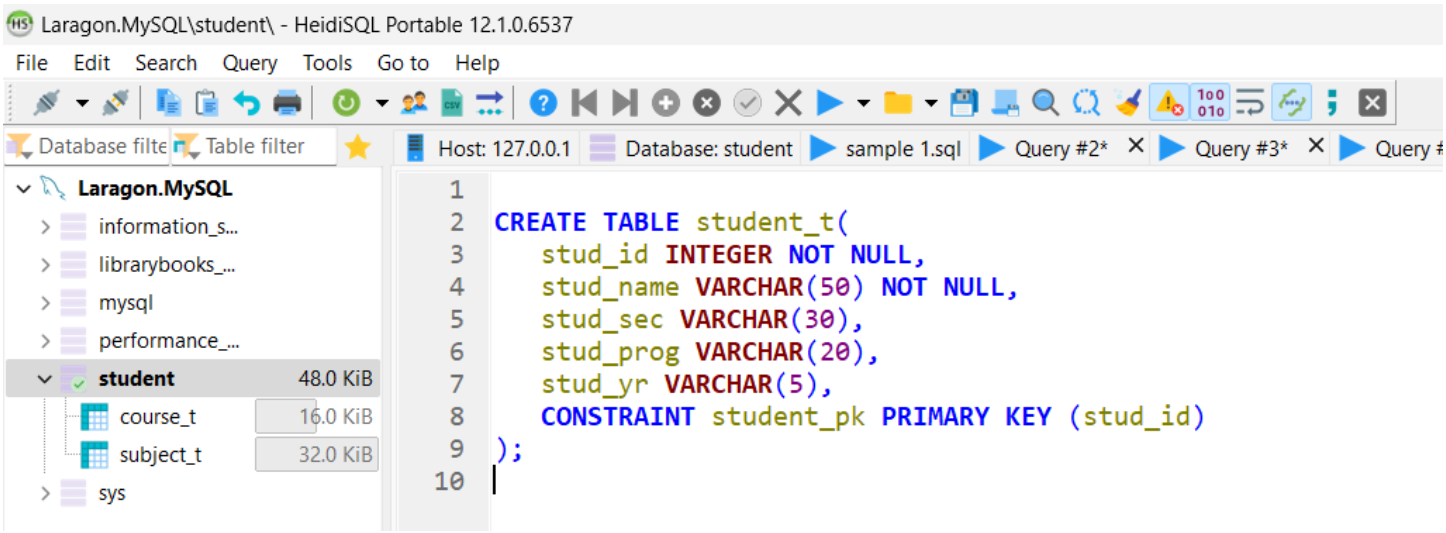
#3

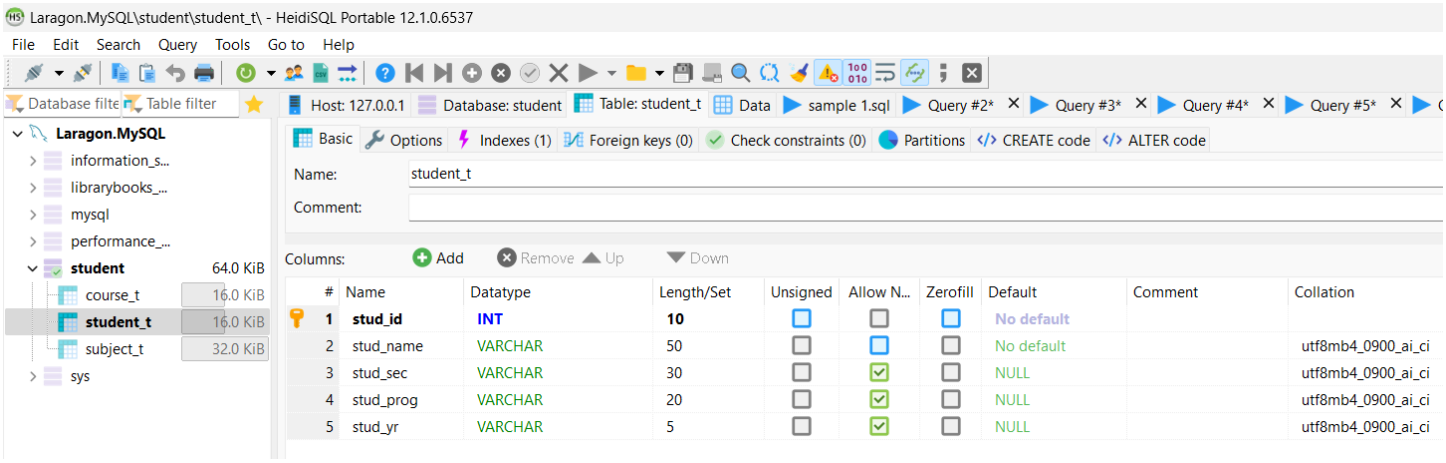
**Instructions:** Write the appropriate SQL syntax for the following tasks.

1. Create a table student_t with the following columns:
    - stud_id (INTEGER, Primary Key, NOT NULL)
    - stud_name (VARCHAR(50), NOT NULL)
    - stud_sec (VARCHAR(30))
    - stud_prog (VARCHAR(20))
    - stud_yr (VARCHAR(5))

**QUERY**




**OUTPUT**



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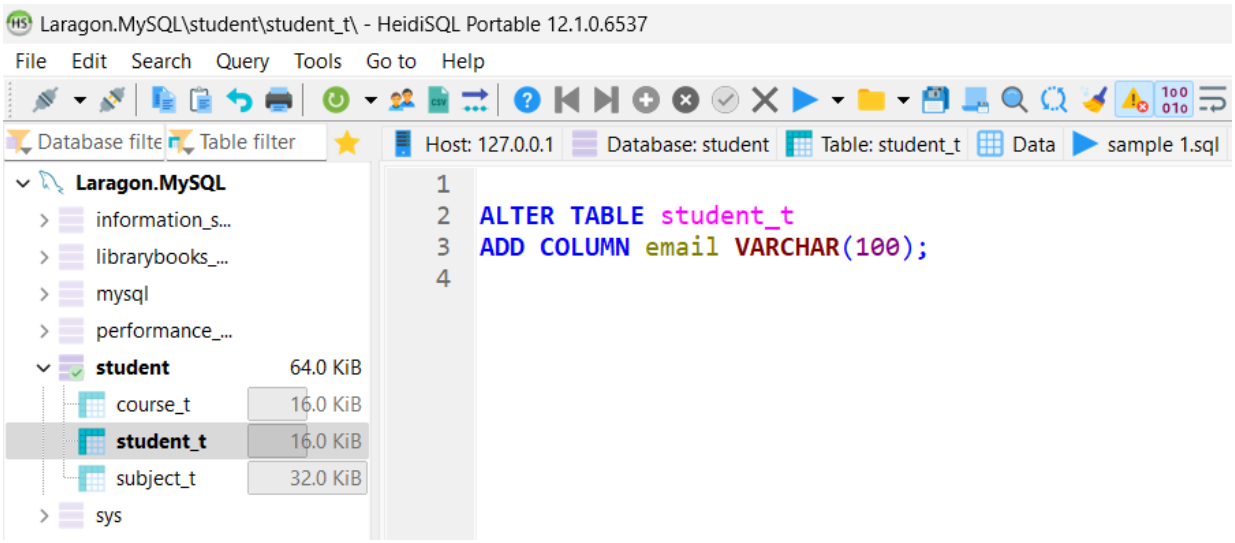
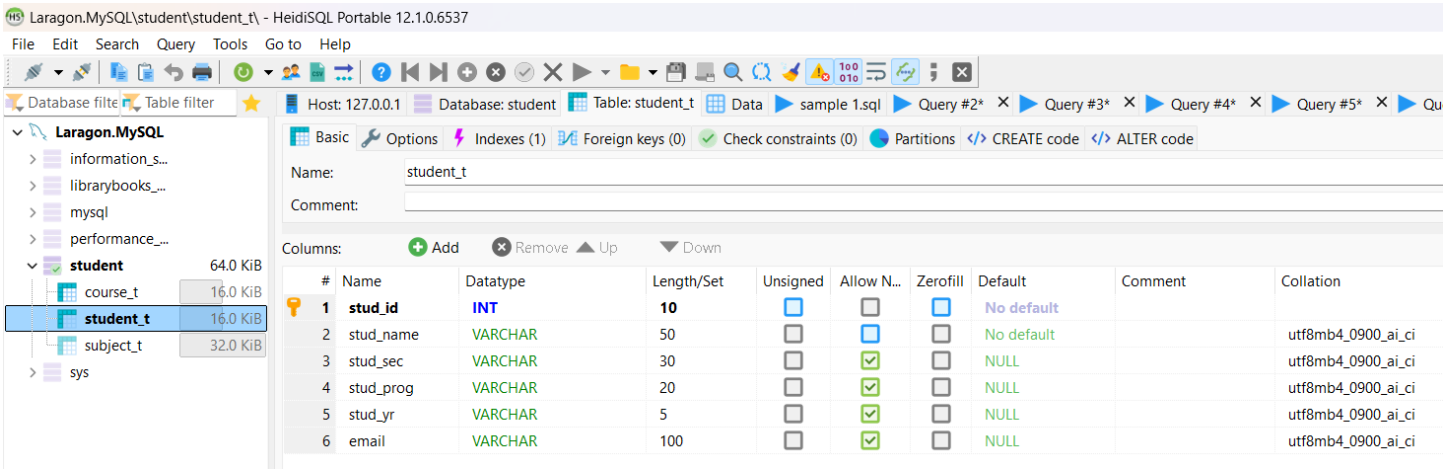
2. Add a column email (VARCHAR(100)) to the student_t table.

**QUERY**



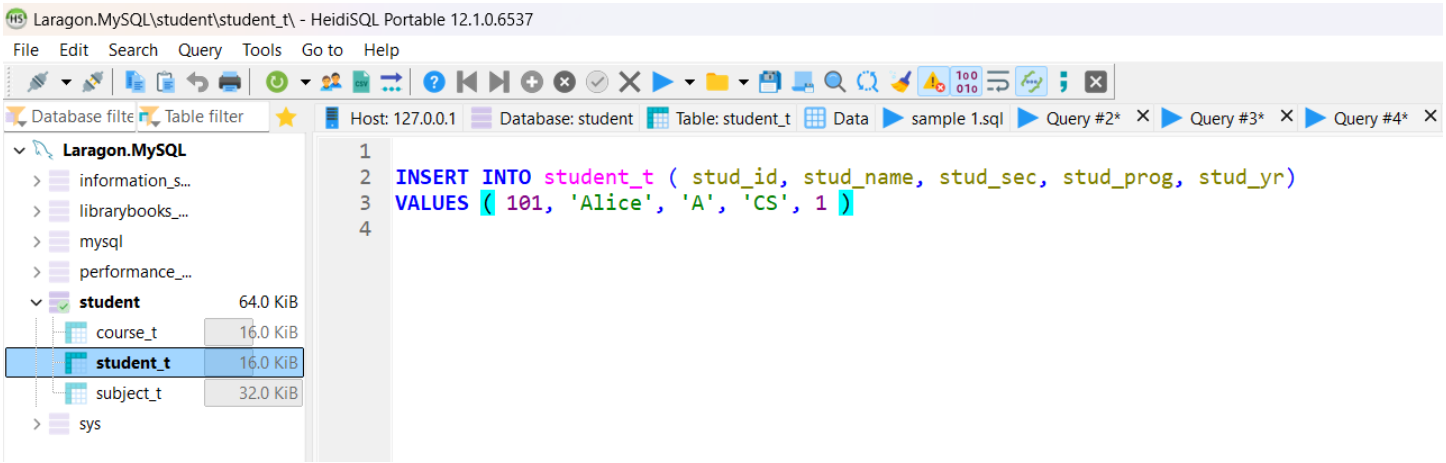

**OUTPUT**




3. Insert the following record into the student_t table:

   - stud_id: 101, stud_name: "Alice", stud_sec: "A", stud_prog: "CS", stud_yr: "1"

**QUERY**



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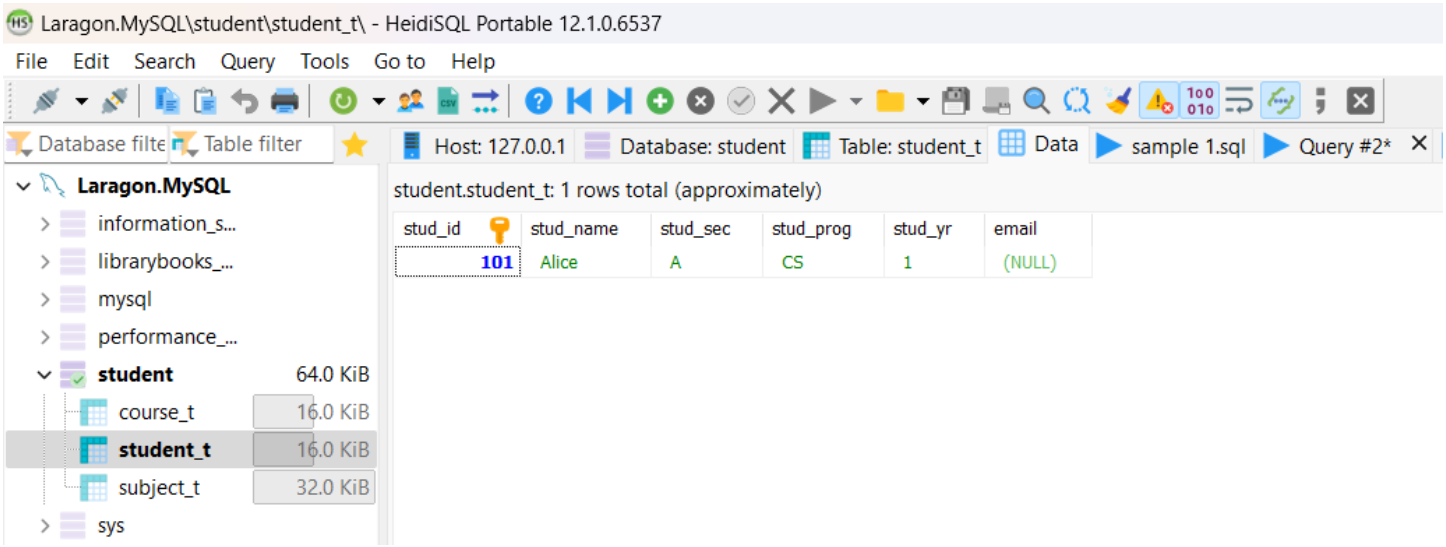
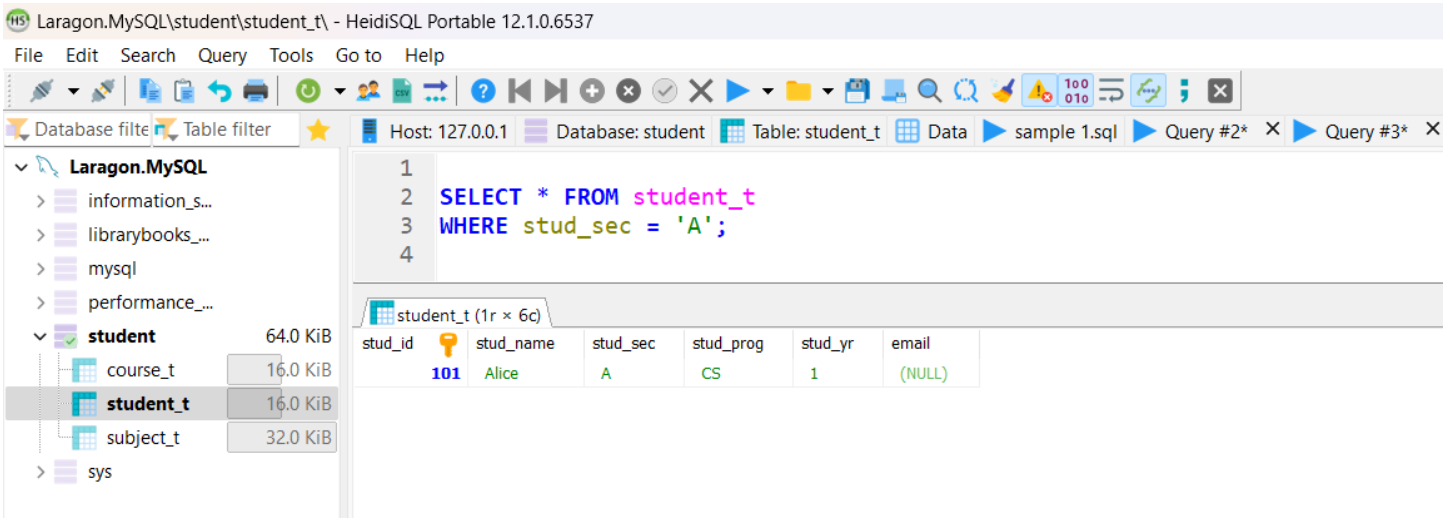
**OUTPUT**

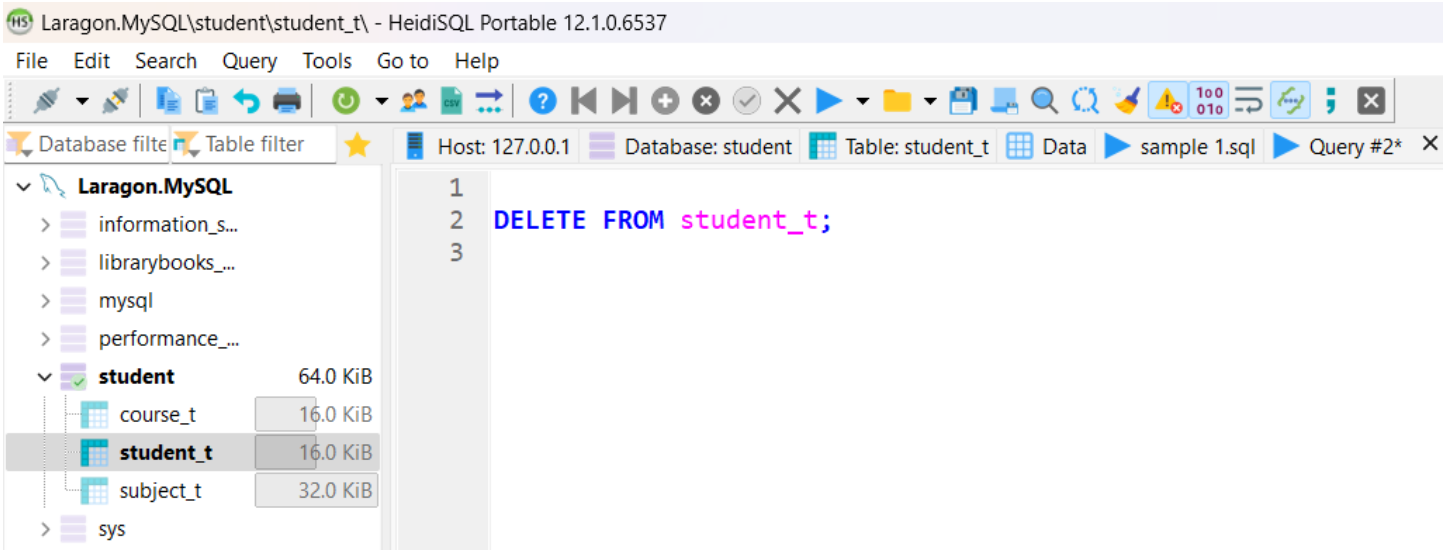



4. Write a query to retrieve all records from the student_t table where stud_sec is "A".




5. Delete all records from the student_t table but retain the table structure.

**QUERY**



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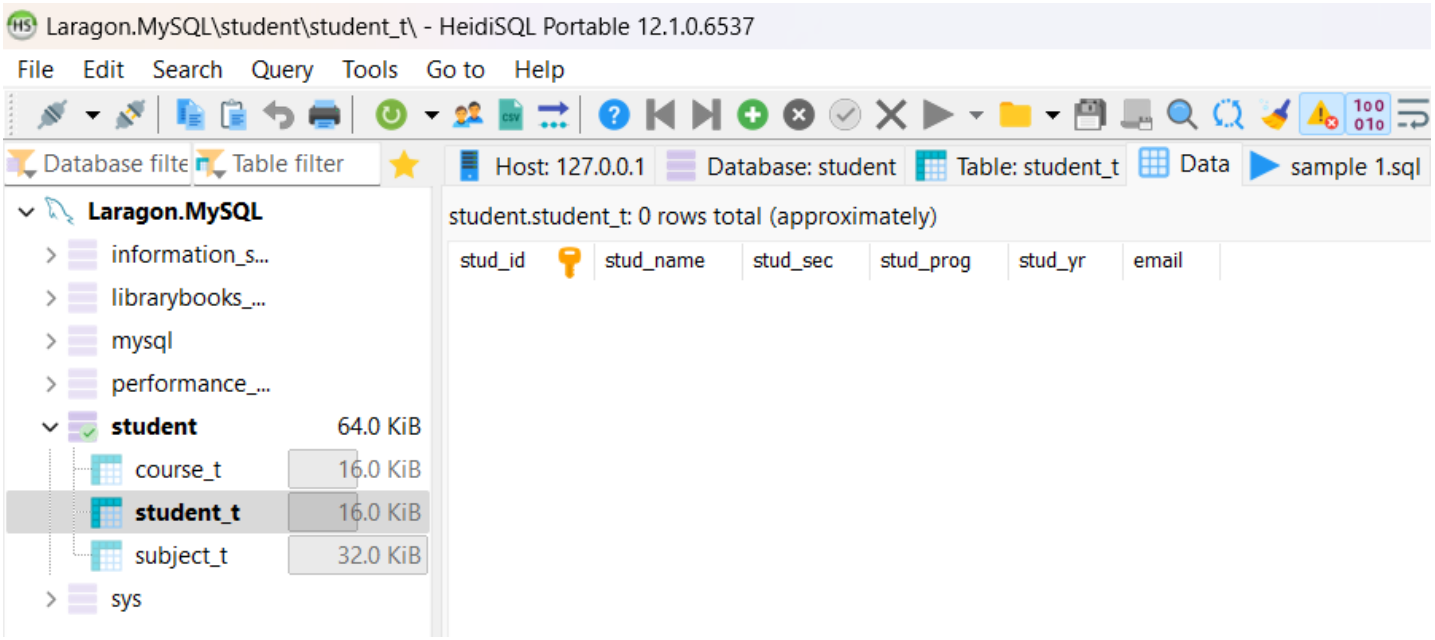
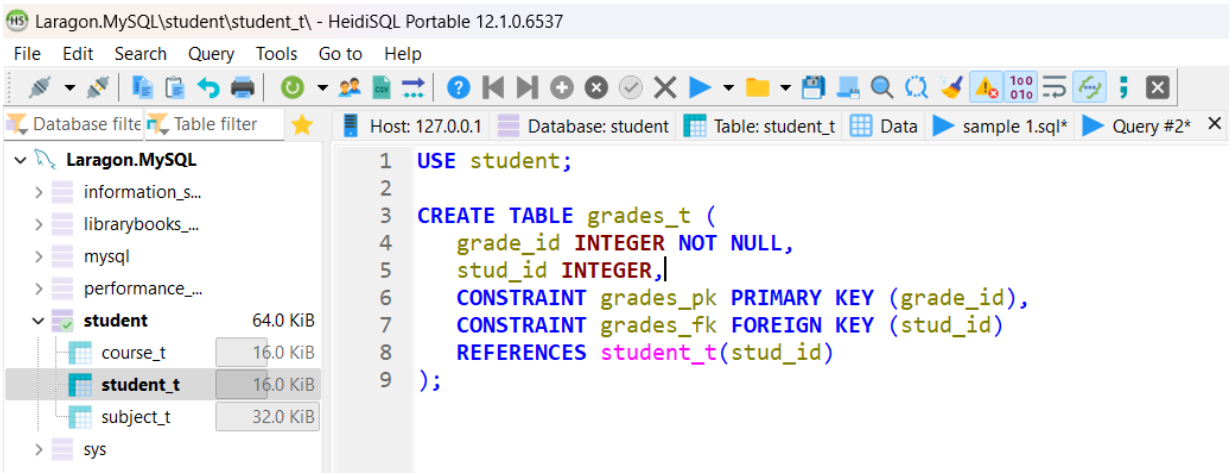
**OUTPUT**

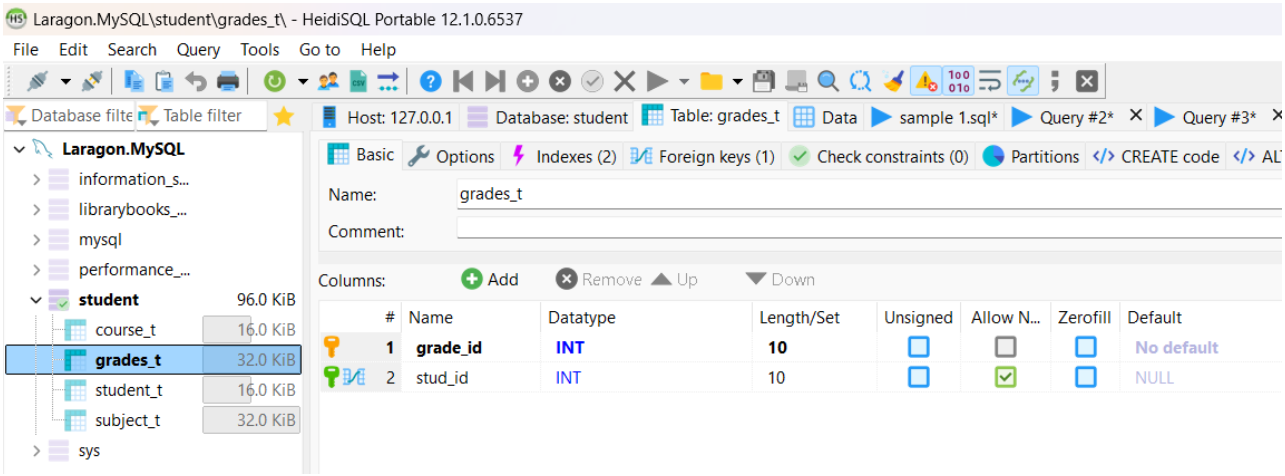



6. Create a table grades_t with the following constraints:
   - grade_id as the Primary Key
   - stud_id as a Foreign Key referencing student_t

**QUERY**




**OUTPUT**



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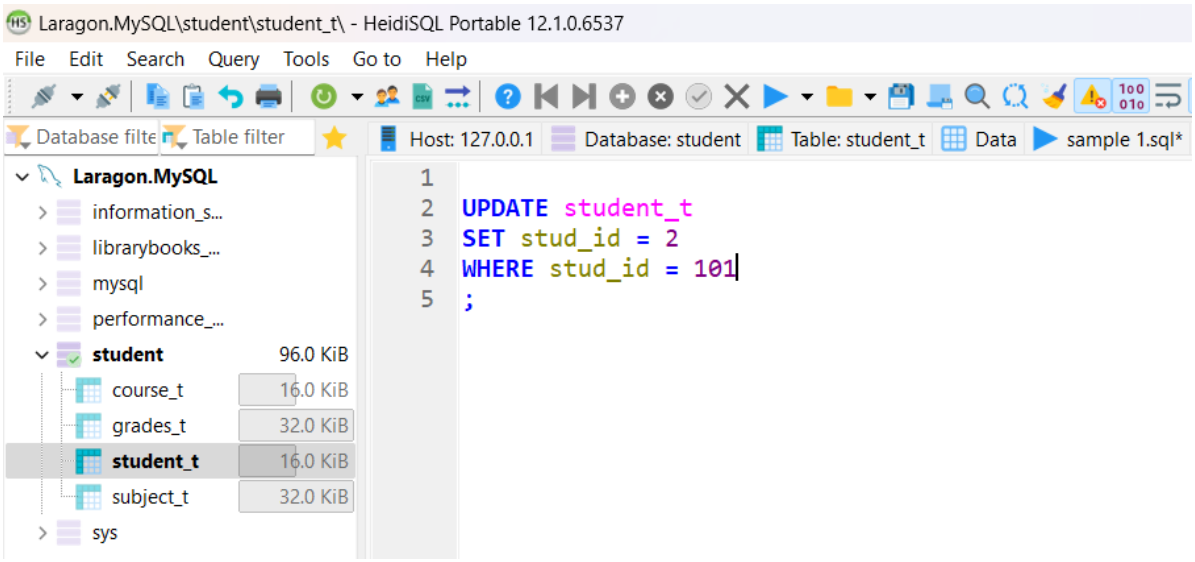
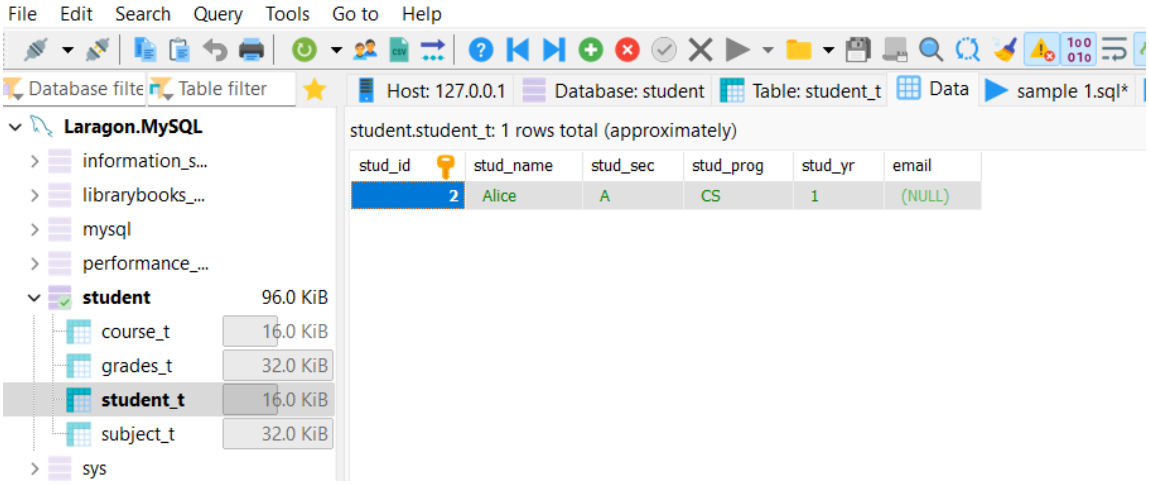
7. Update the stud_yr of the student with stud_id 101 to "2".

**QUERY**

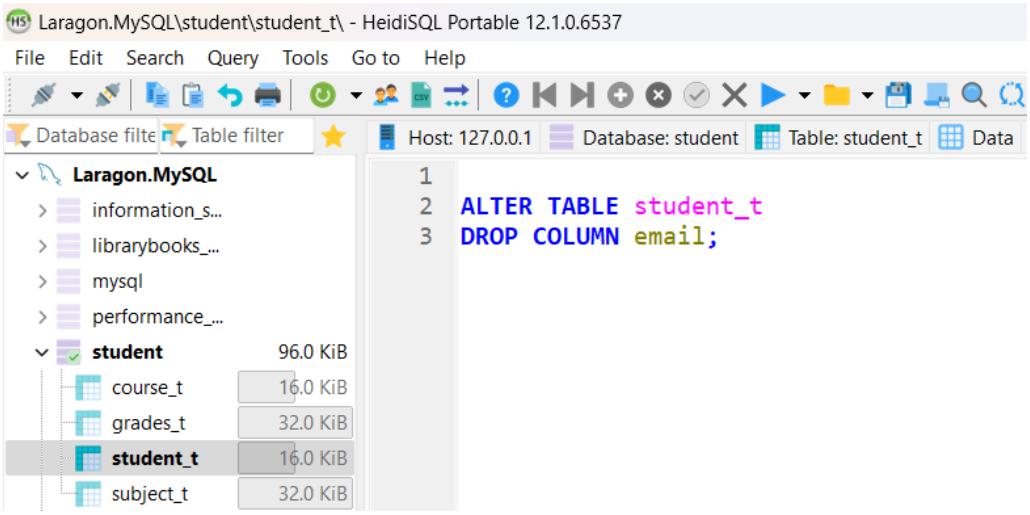



**OUTPUT**




8. Write the syntax to remove the email column from the student_t table.

**QUERY**



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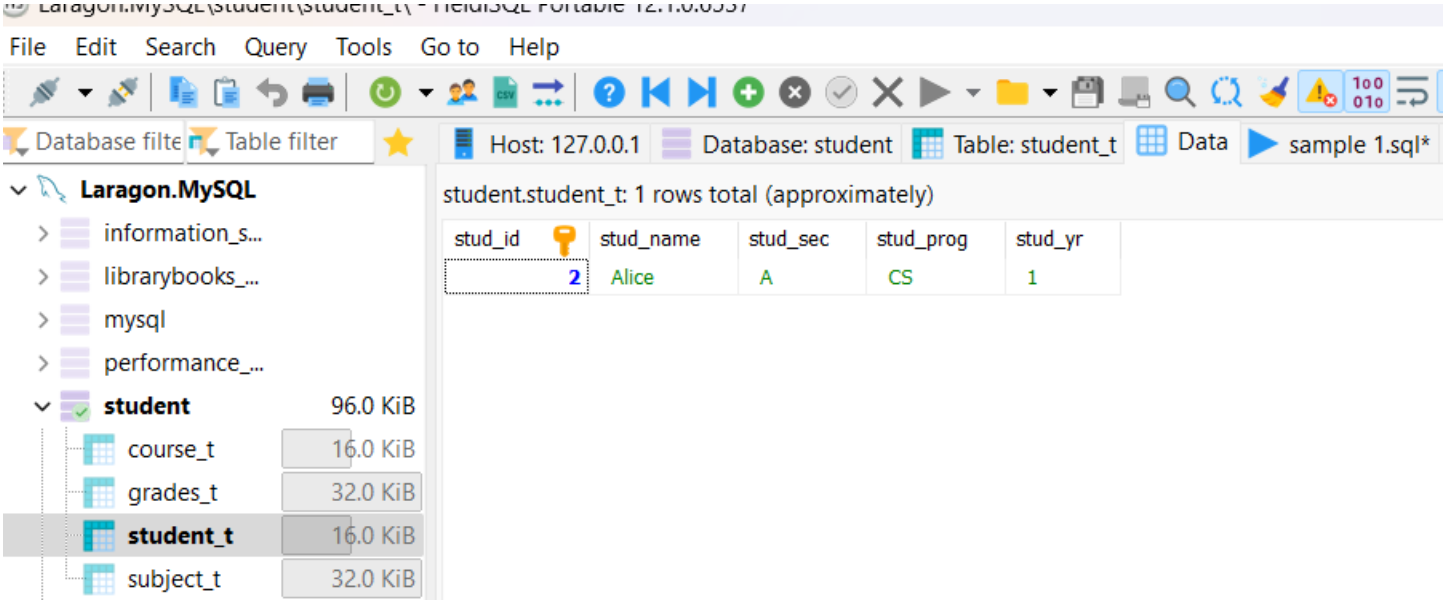
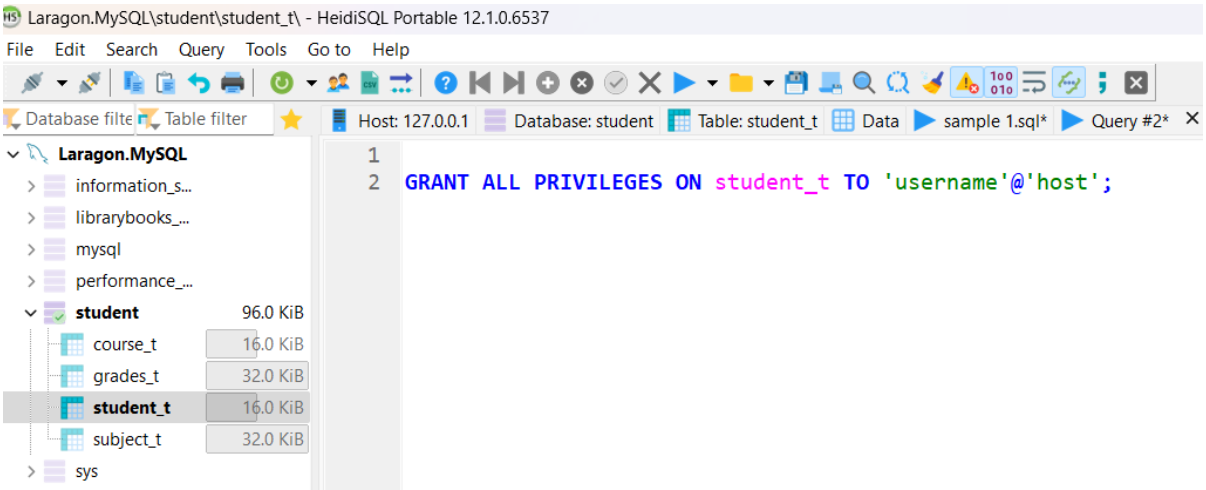
**OUTPUT**

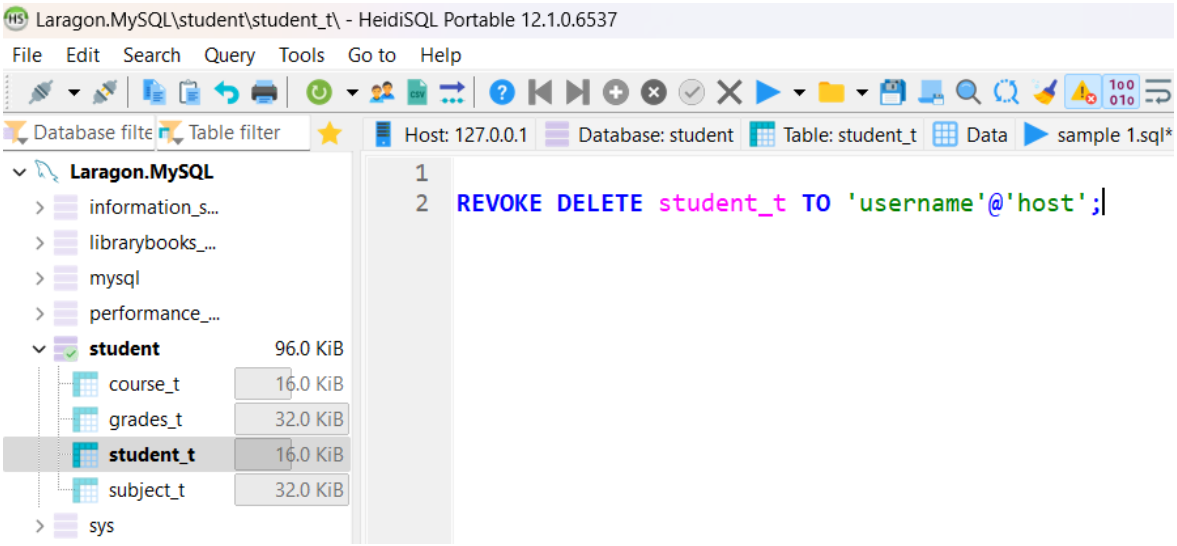



9. Grant permission to a user to query the student_t table.

**QUERY**




10. Revoke permission for a user to delete records from the student_t table.



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