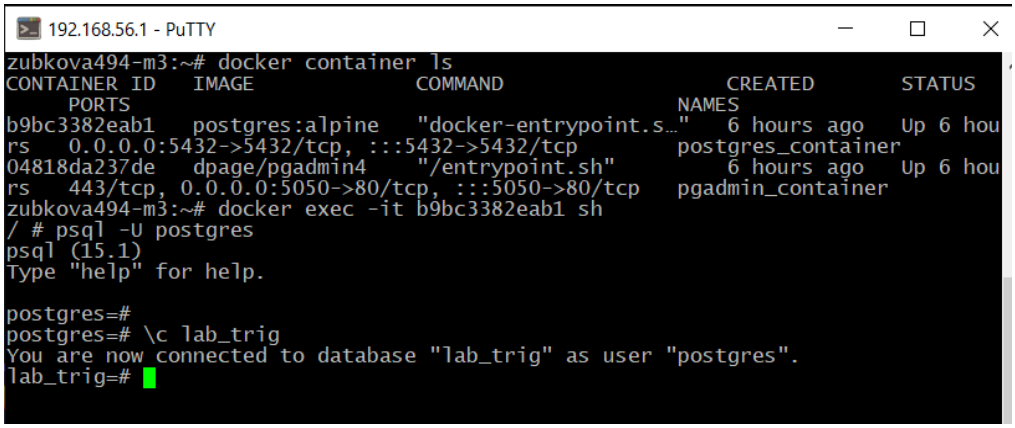
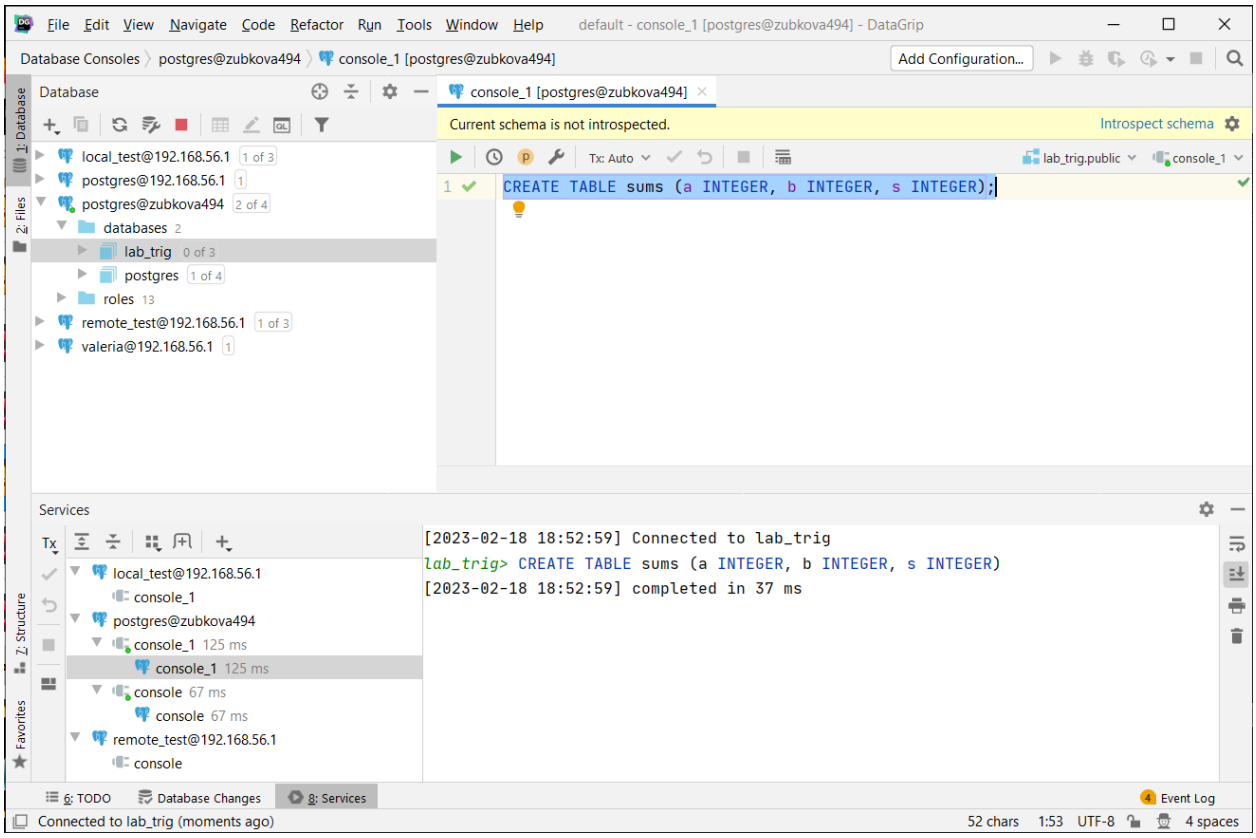
Предмет	МДК07.01. Управление и автоматизация баз данных
Курс	4
Семестр	2
Работа	29
Группа	494
Фамилия	Зубкова
Имя	Валерия
Отчество	Геннадьевна

Отчет

Создание базы данных



Создание таблицы



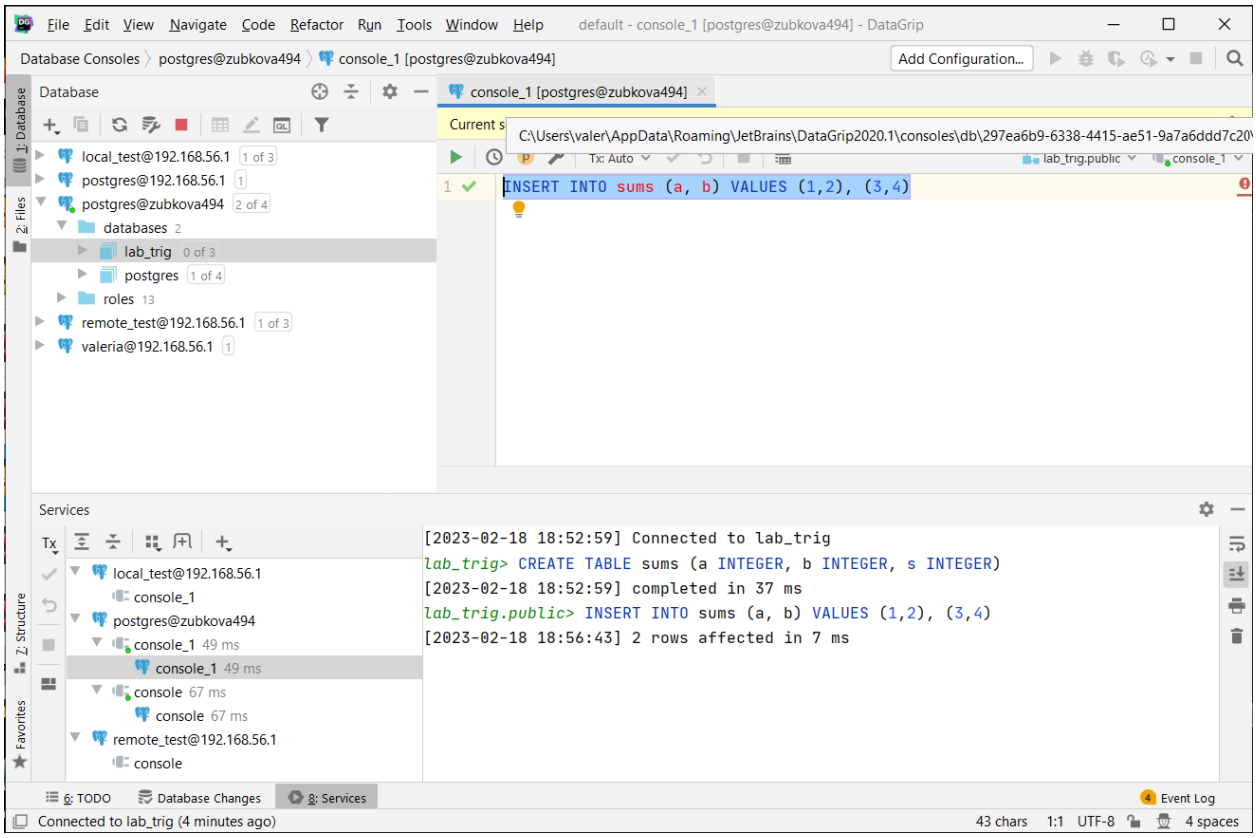
Просмотр таблицы после создания

```
lab_trig-# \dt
        List of relations
 Schema | Name | Type  |  Owner
--------+------+-------+----------
 public | sums | table | postgres
(1 row)
```

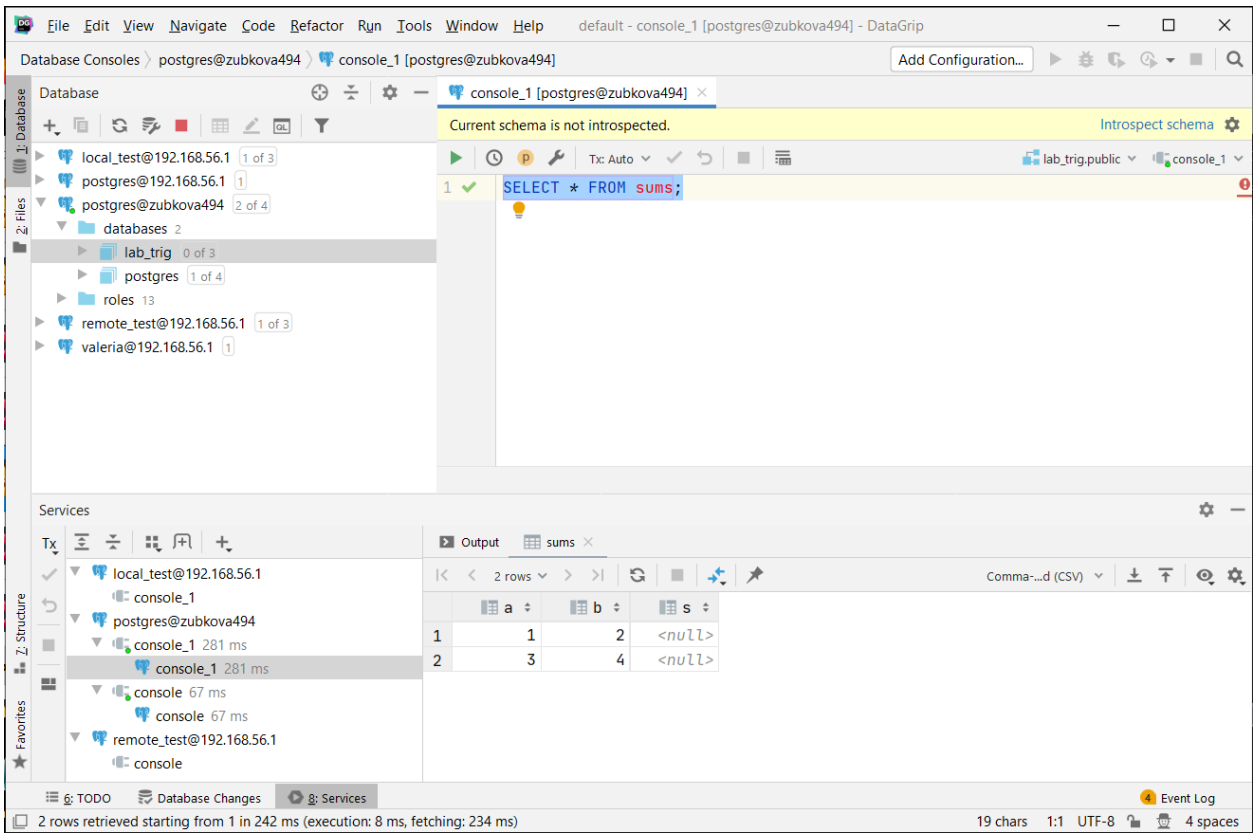
Просмотр таблицы после создания

```
lab_trig-# \d sums
                Table "public.sums"
 Column |  Type   | Collation | Nullable | Default
--------+---------+-----------+----------+---------
 a      | integer |           |          |
 b      | integer |           |          |
 s      | integer |           |          |
```

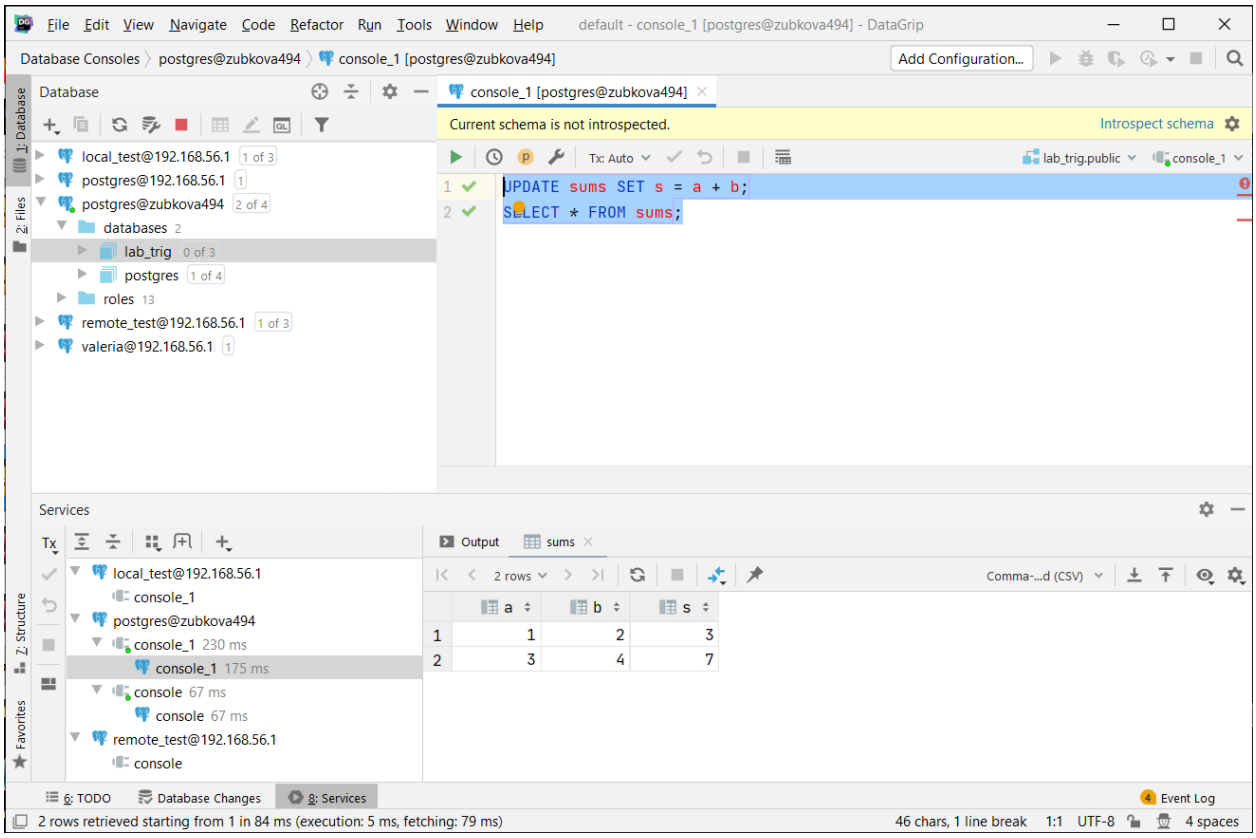
Заполнение таблицы



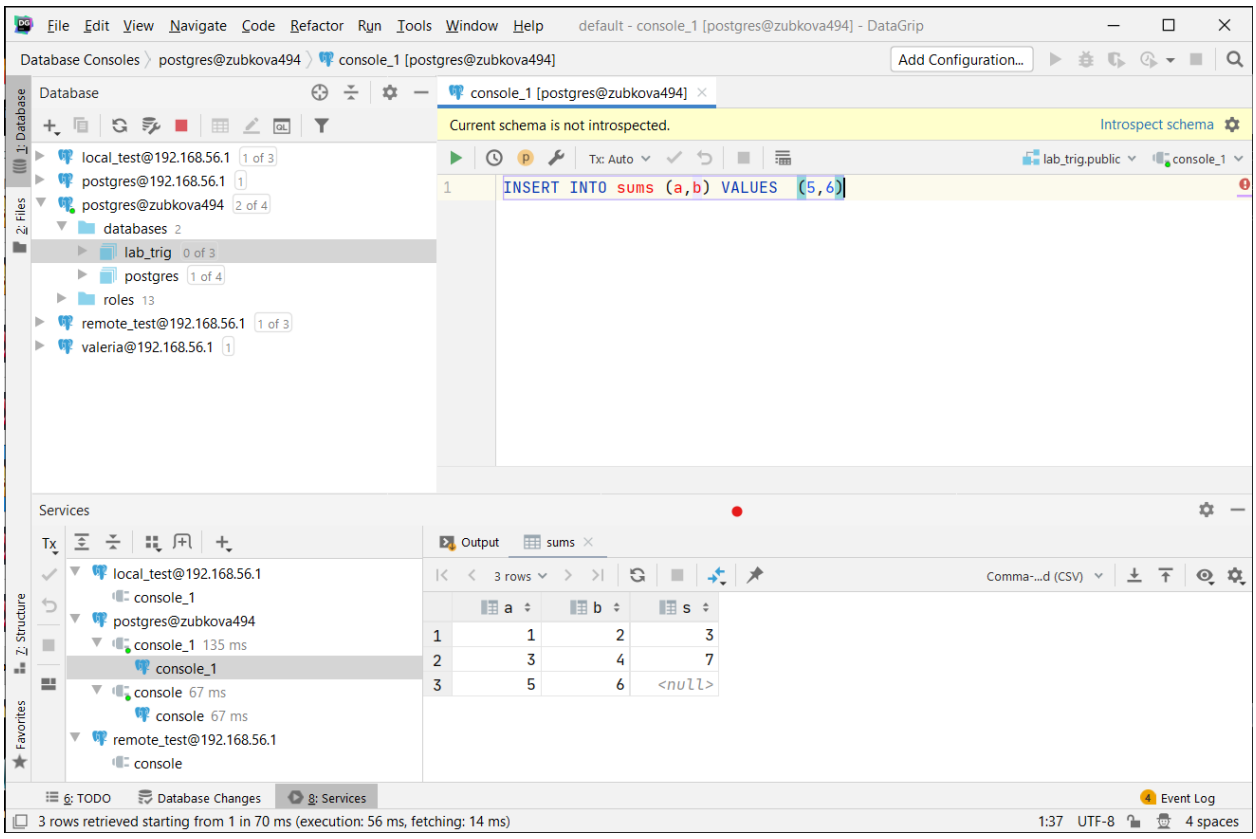
Просмотр таблицы после заполнения



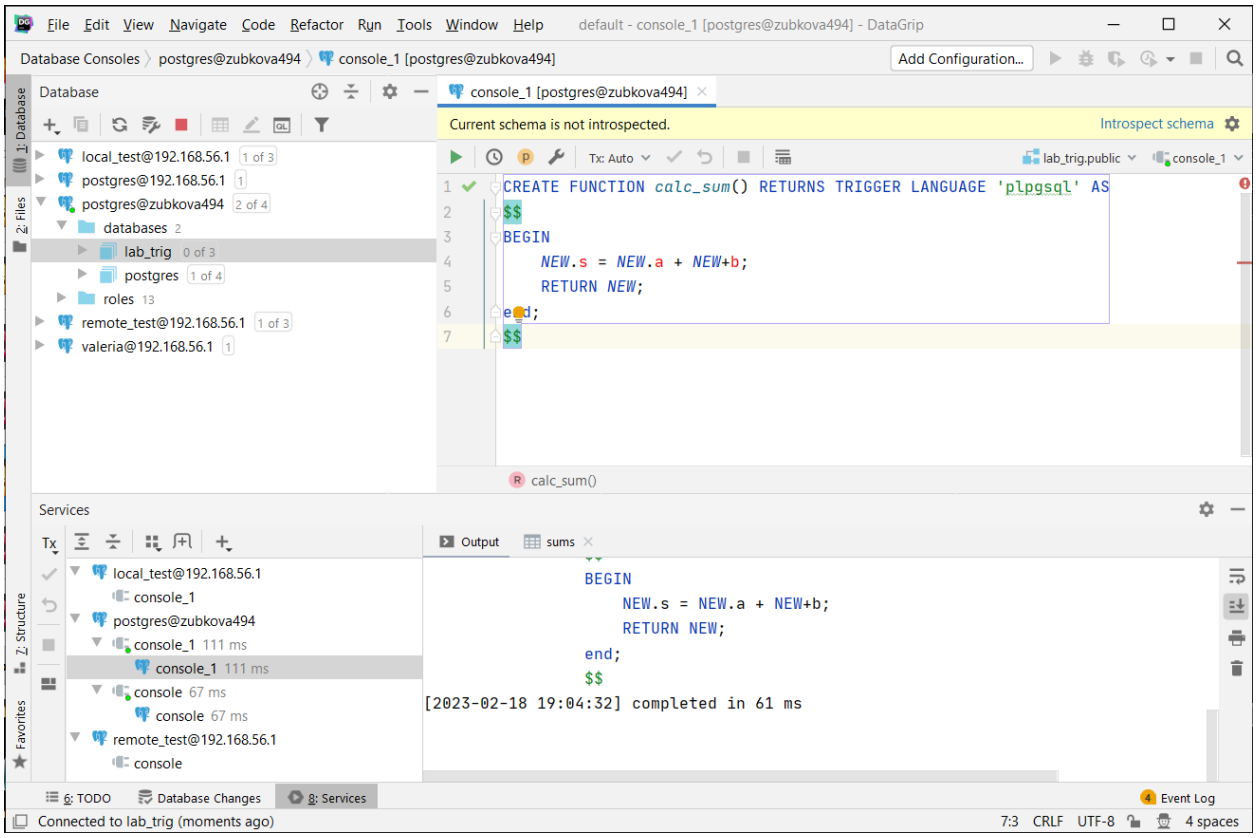
Обновление таблицы



Добавление новых данных в таблицу



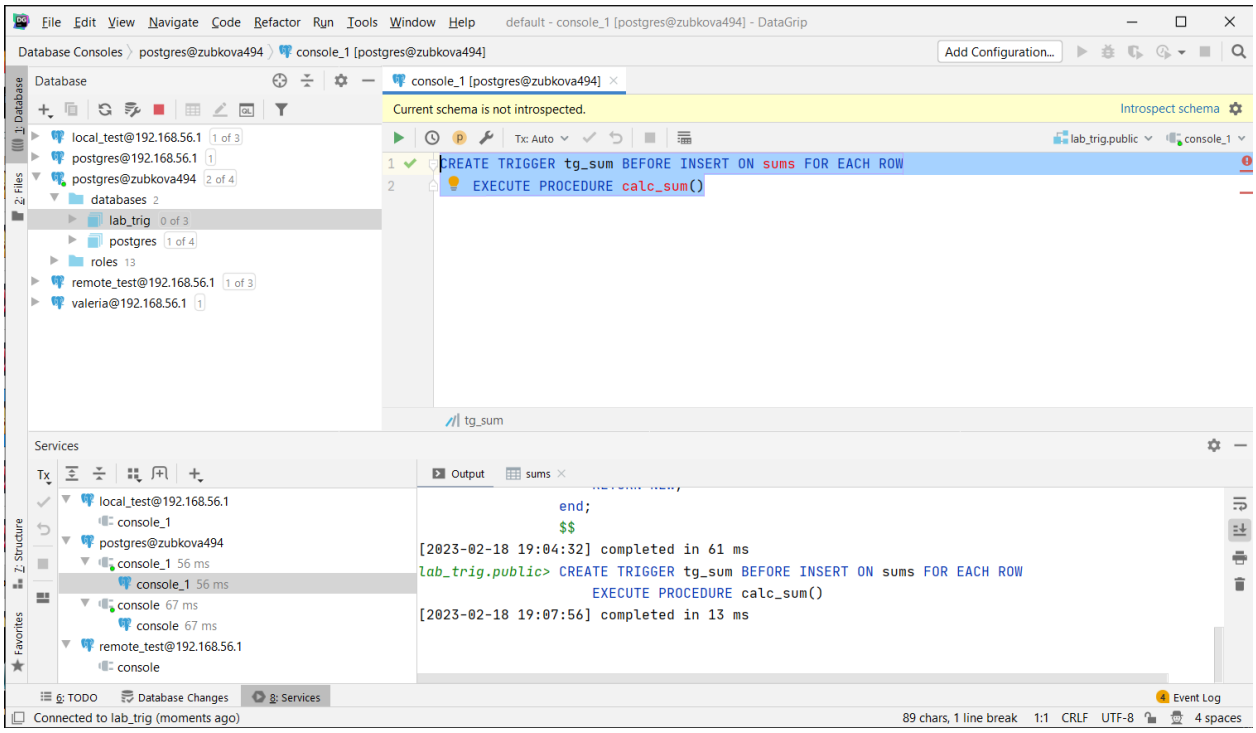
Создание триггера на складывание значений



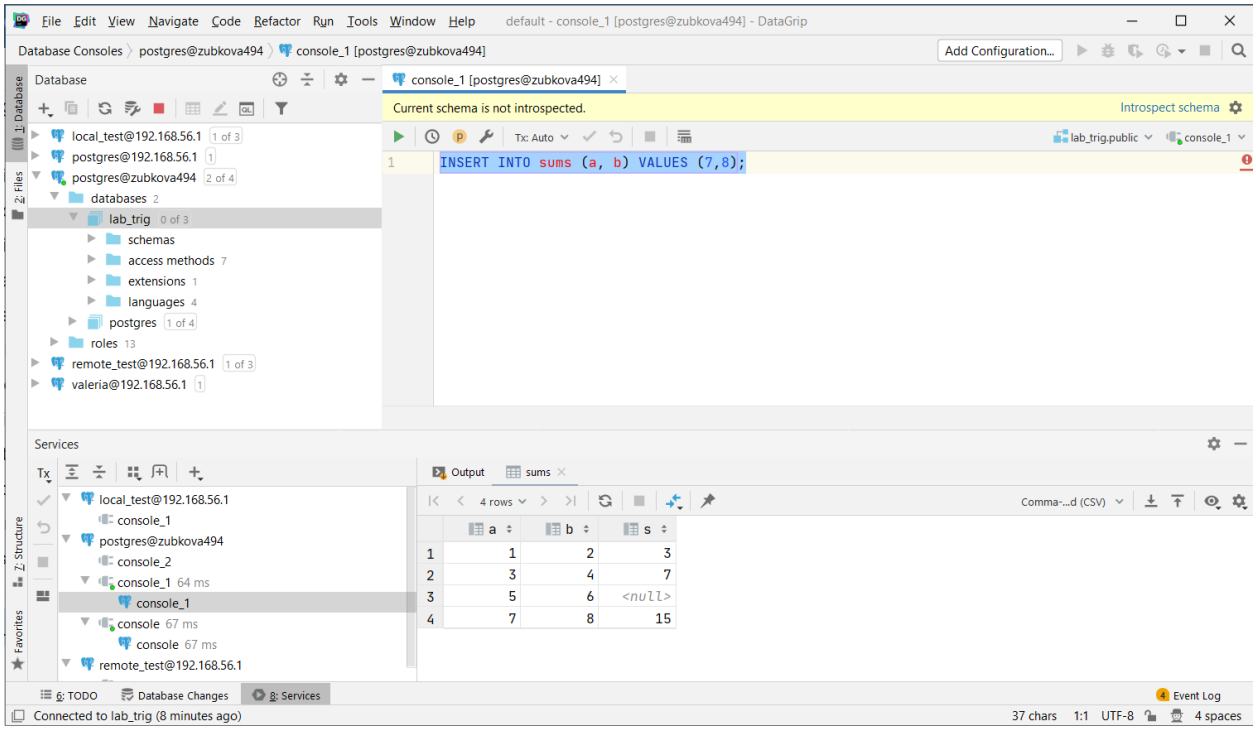
Проверка созданного триггера

```
lab_trig-# \df
                              List of functions
 Schema |   Name   | Result data type | Argument data types | Type
--------+----------+------------------+---------------------+------
 public | calc_sum | trigger          |                     | func
(1 row)
```

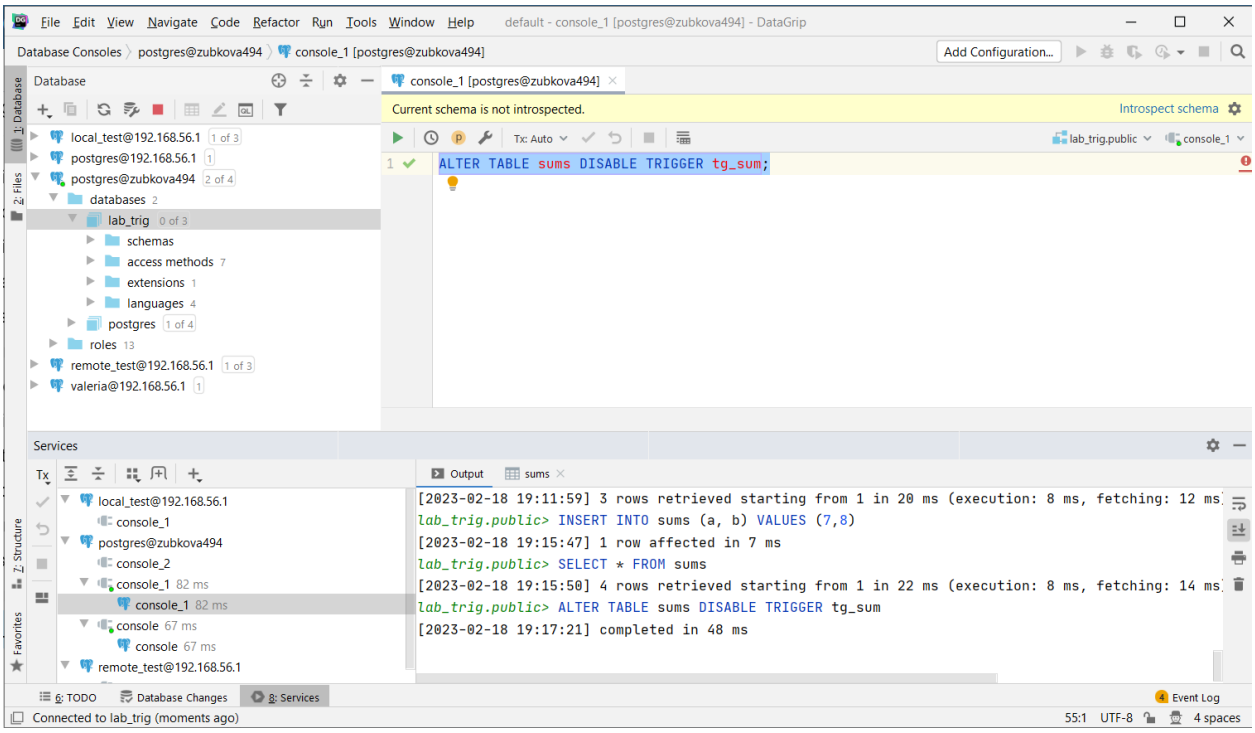
Создание триггера tg_sum



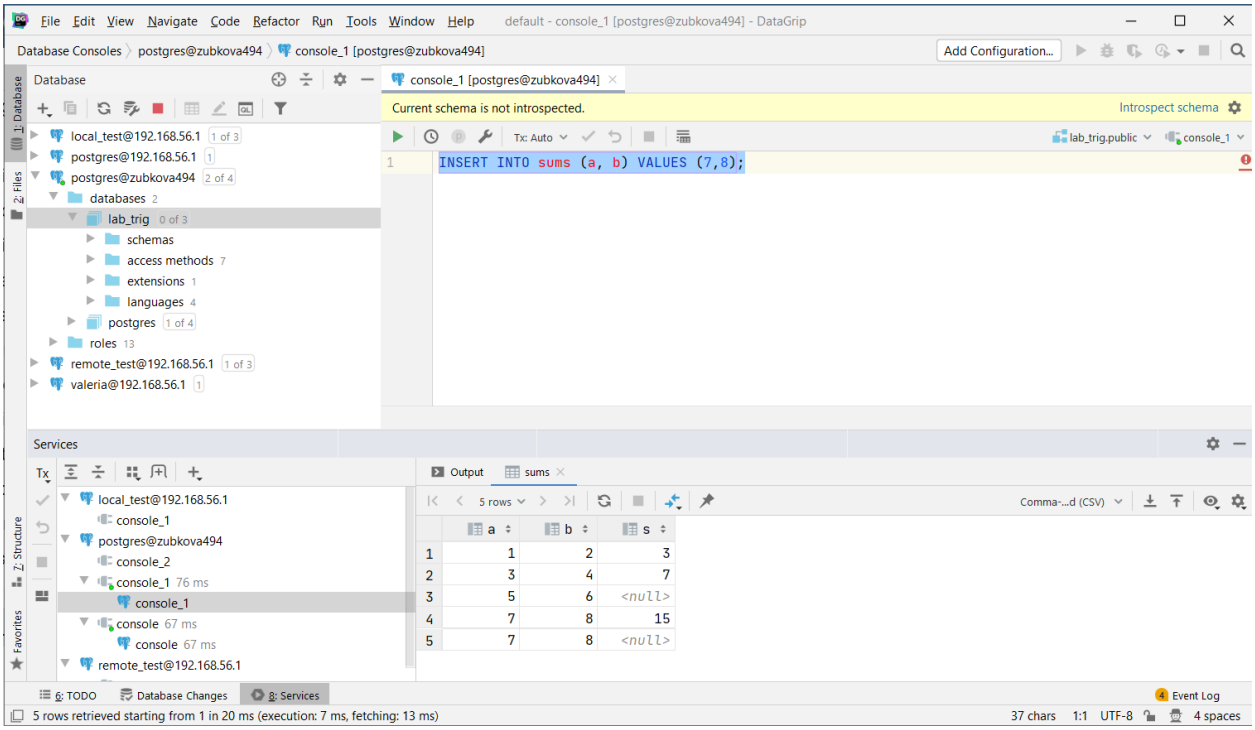
Проверка таблицы после записи новых данных и срабатывания триггера



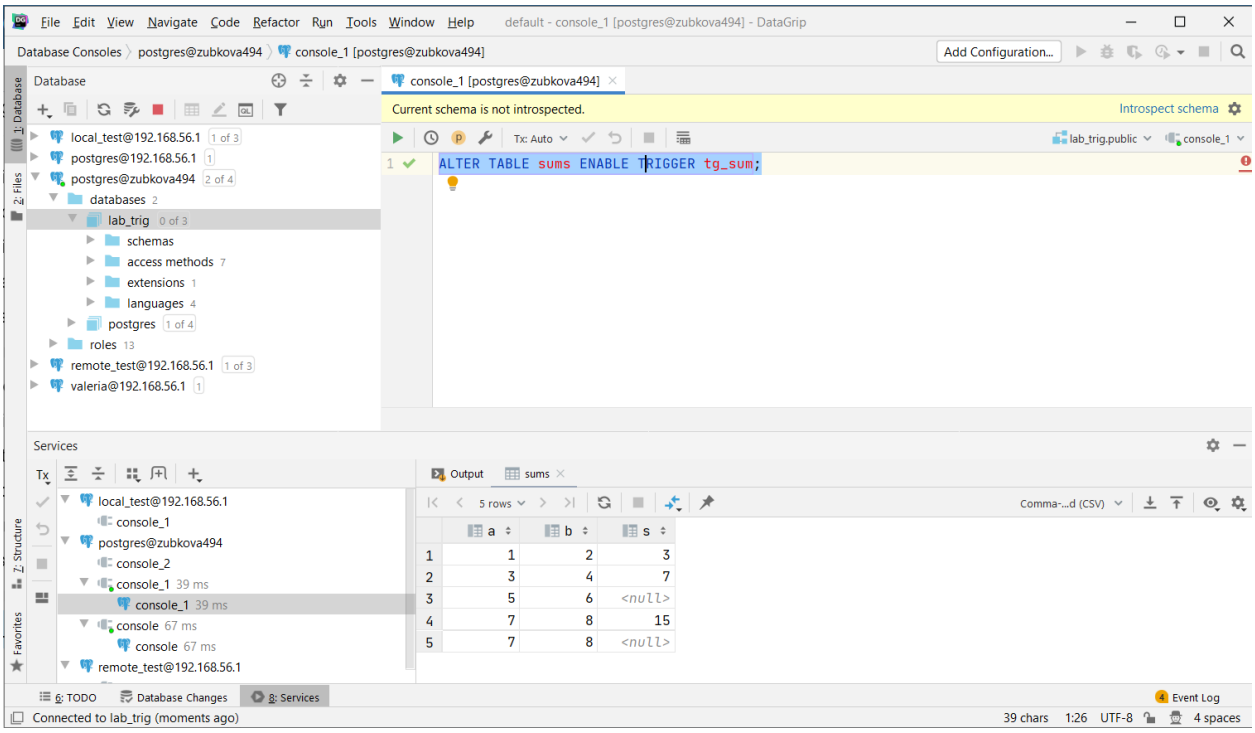
Отключение триггера



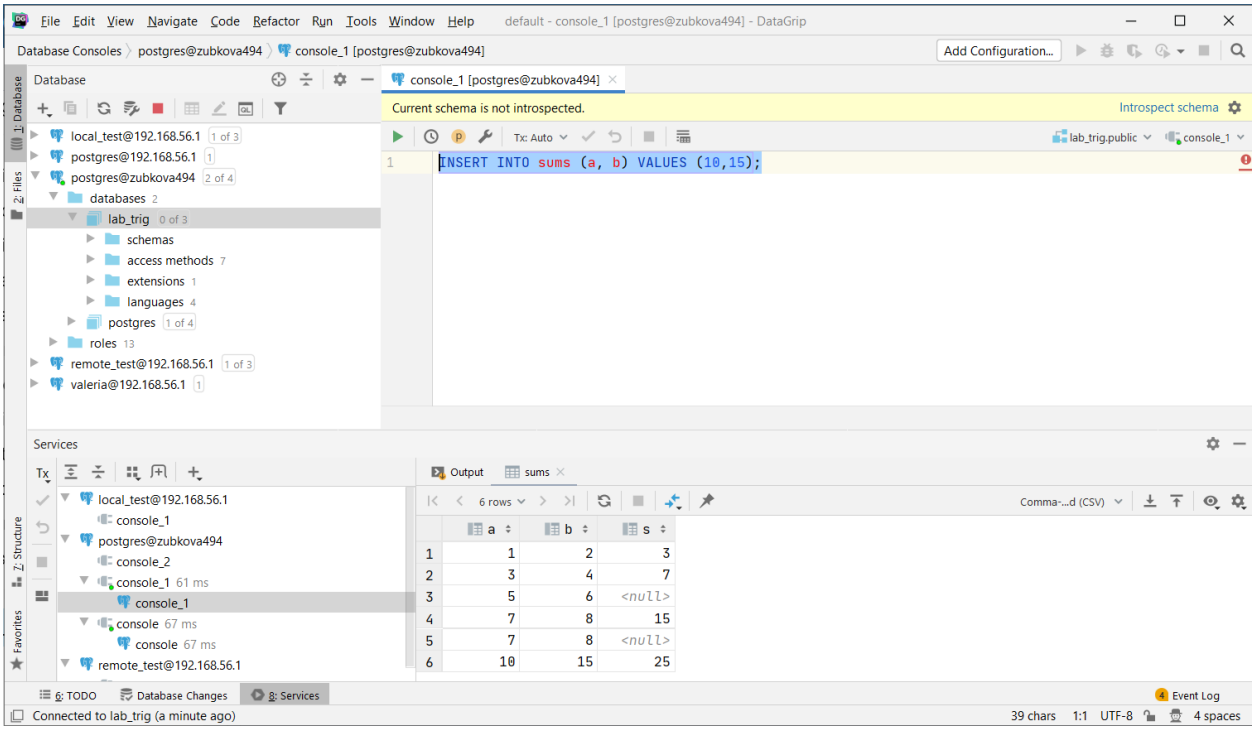
Проверка ввода данных



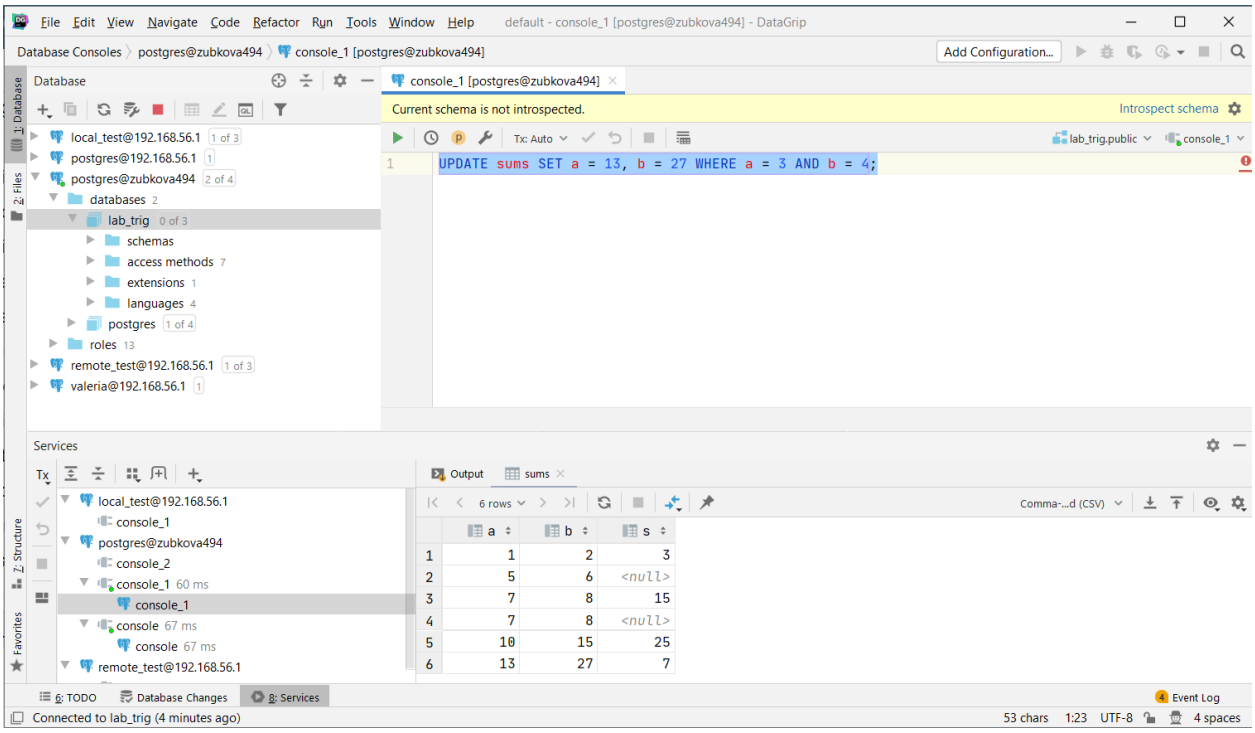
Включение триггера



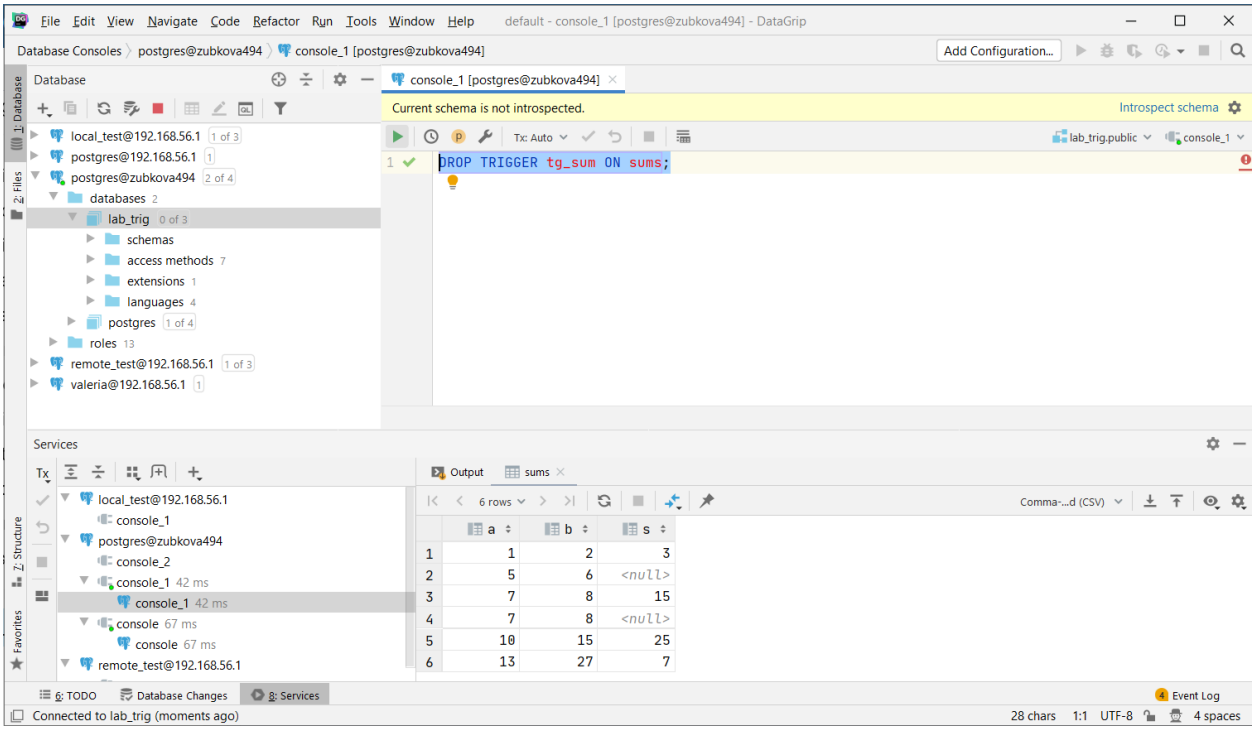
Проверка работы триггера



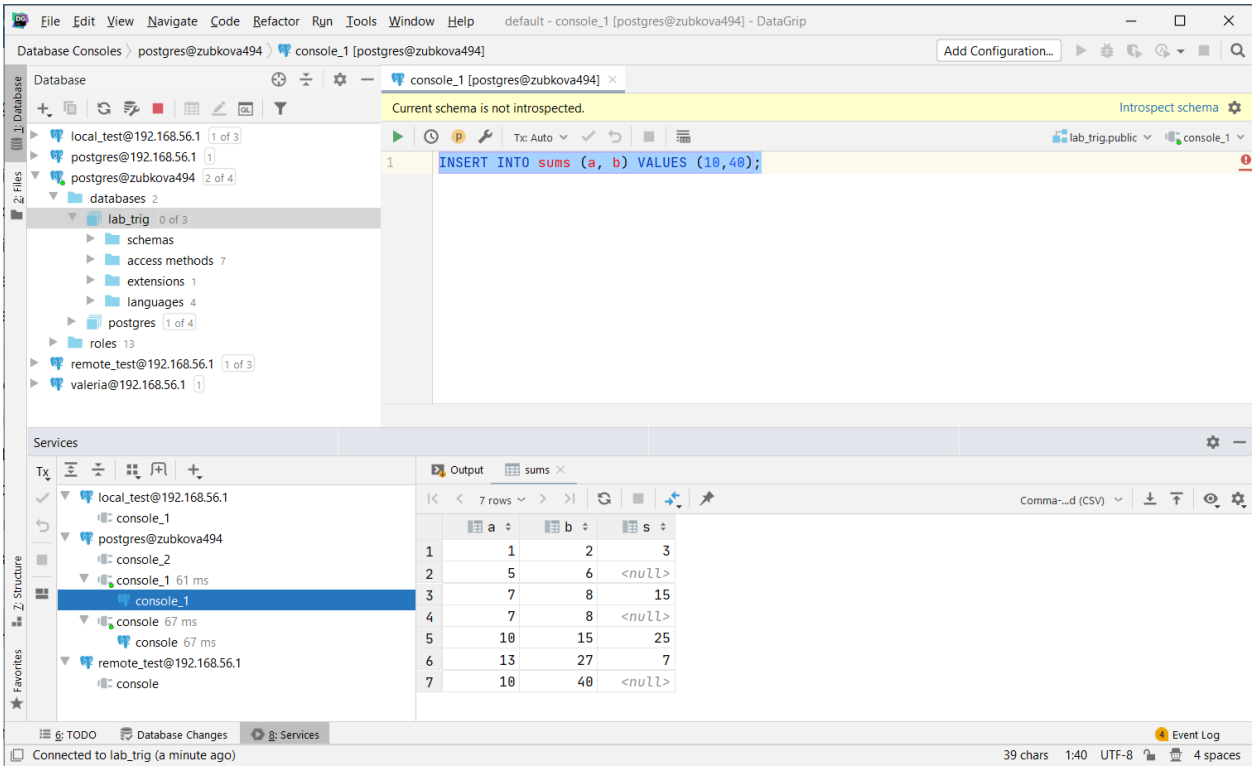
Обновление данных



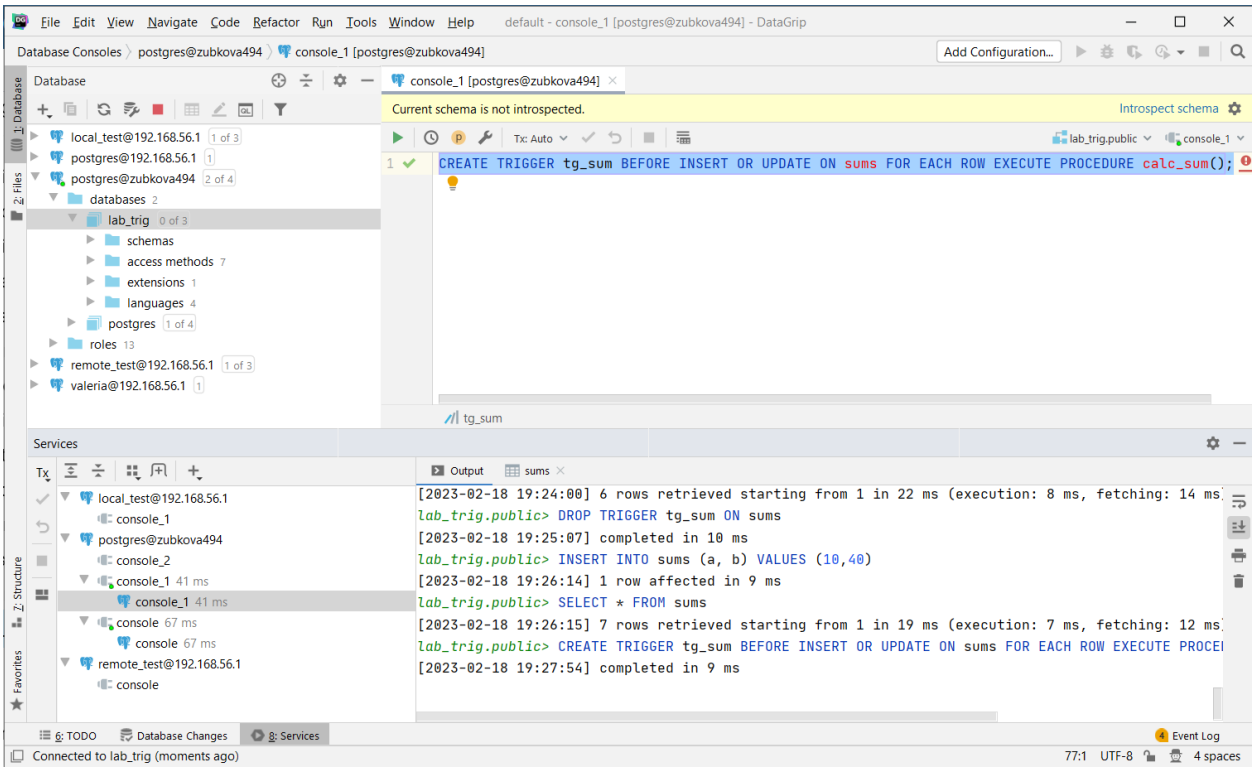
Удаление триггера



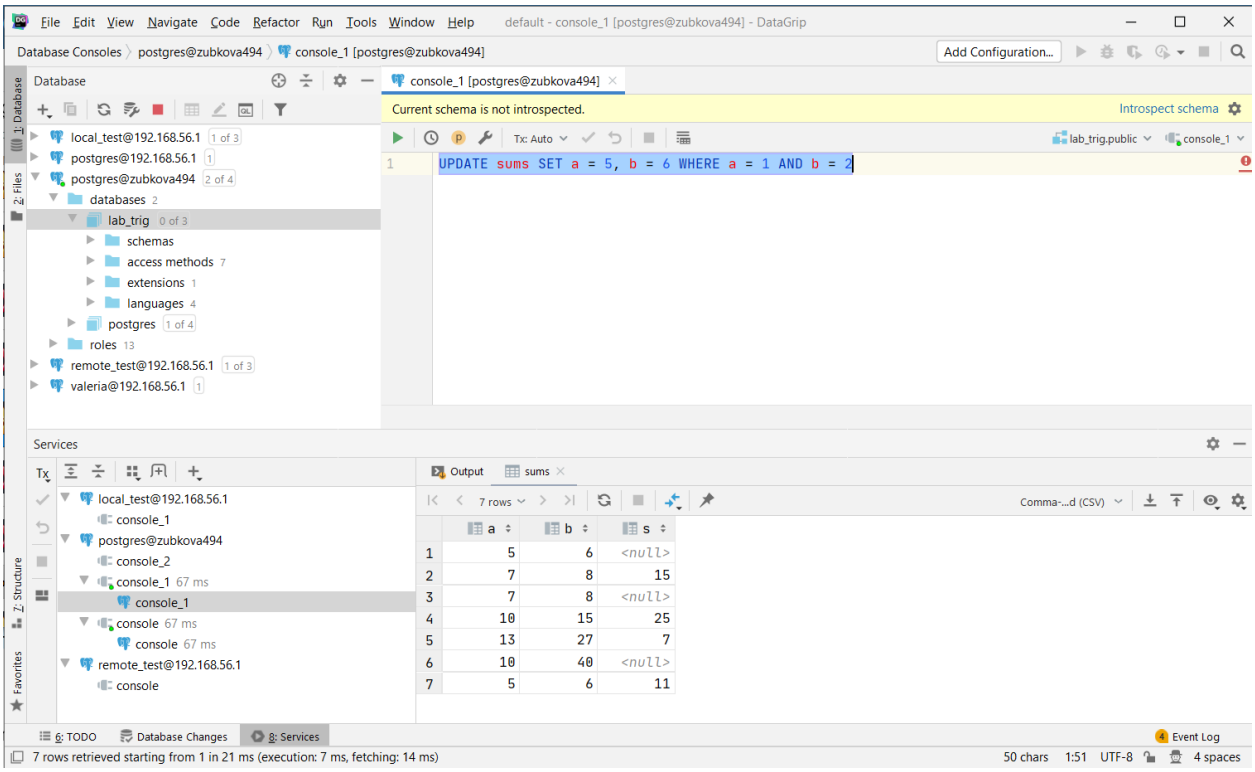
Запись данных после удаления



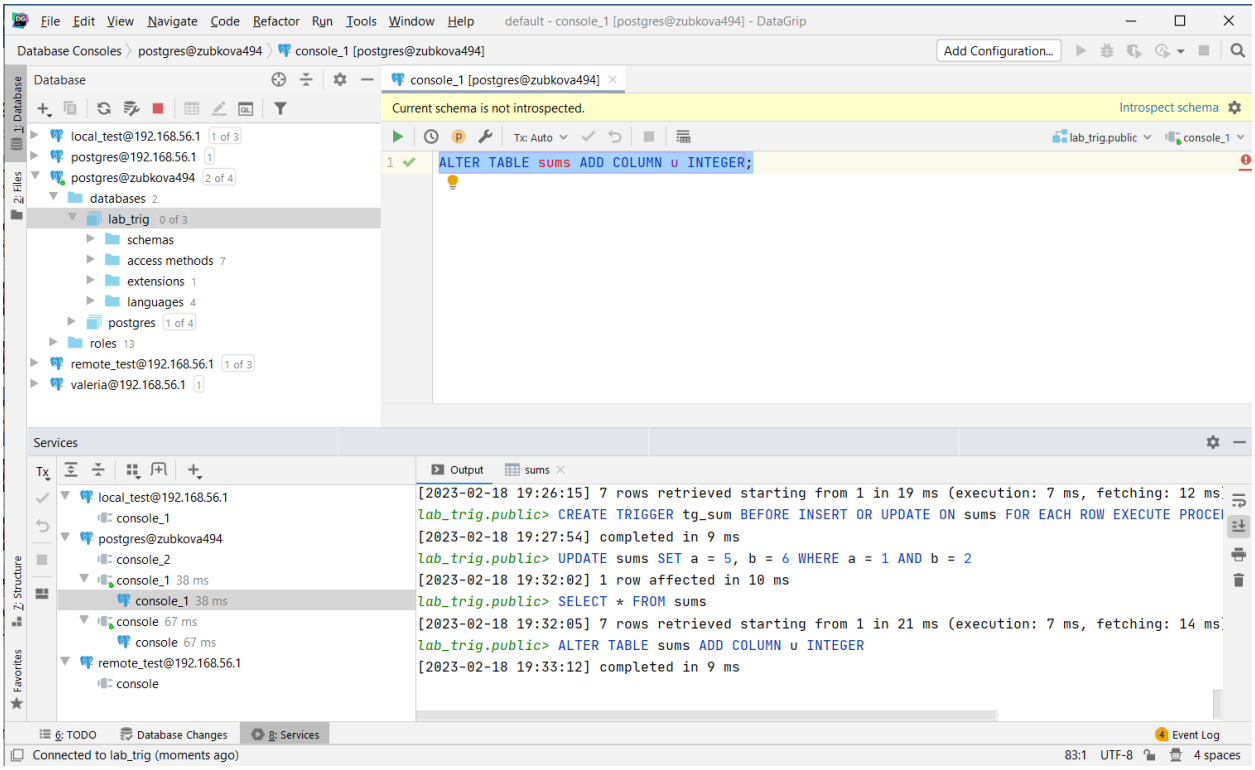
Создание нового триггера



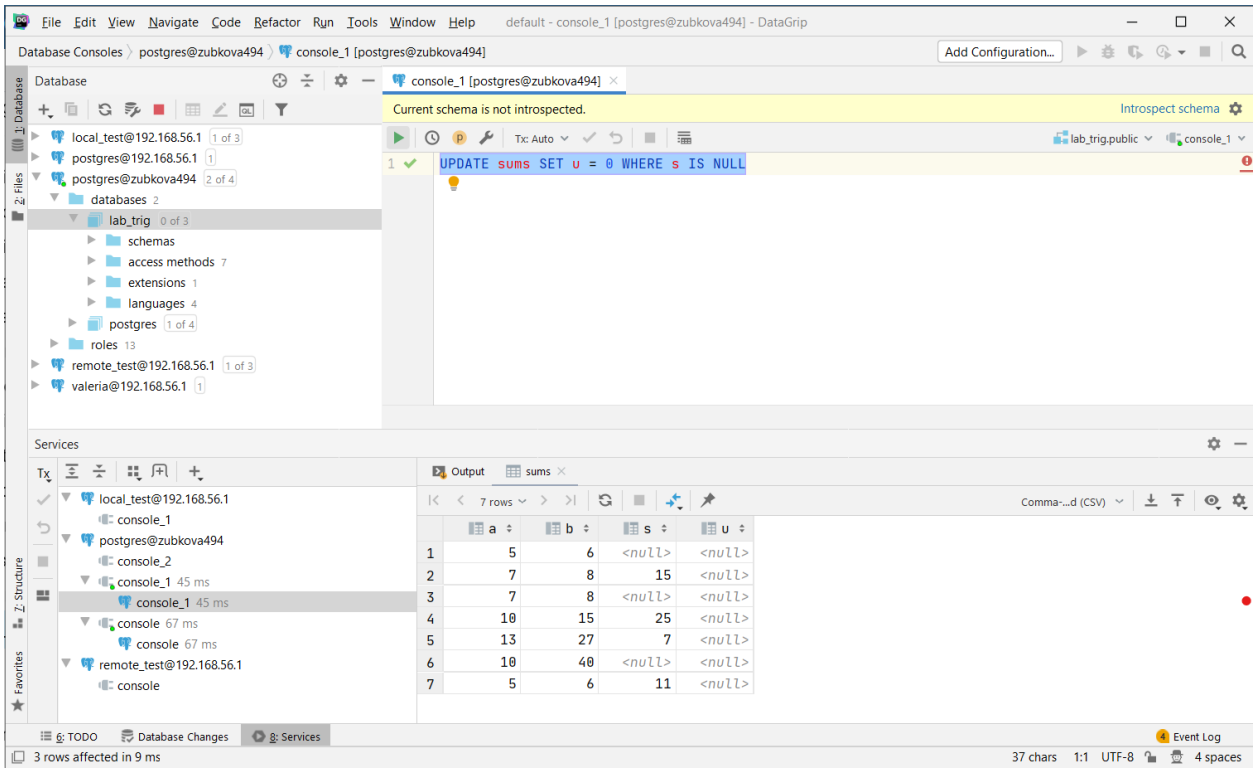
Обновление данных с помощью запроса и триггера



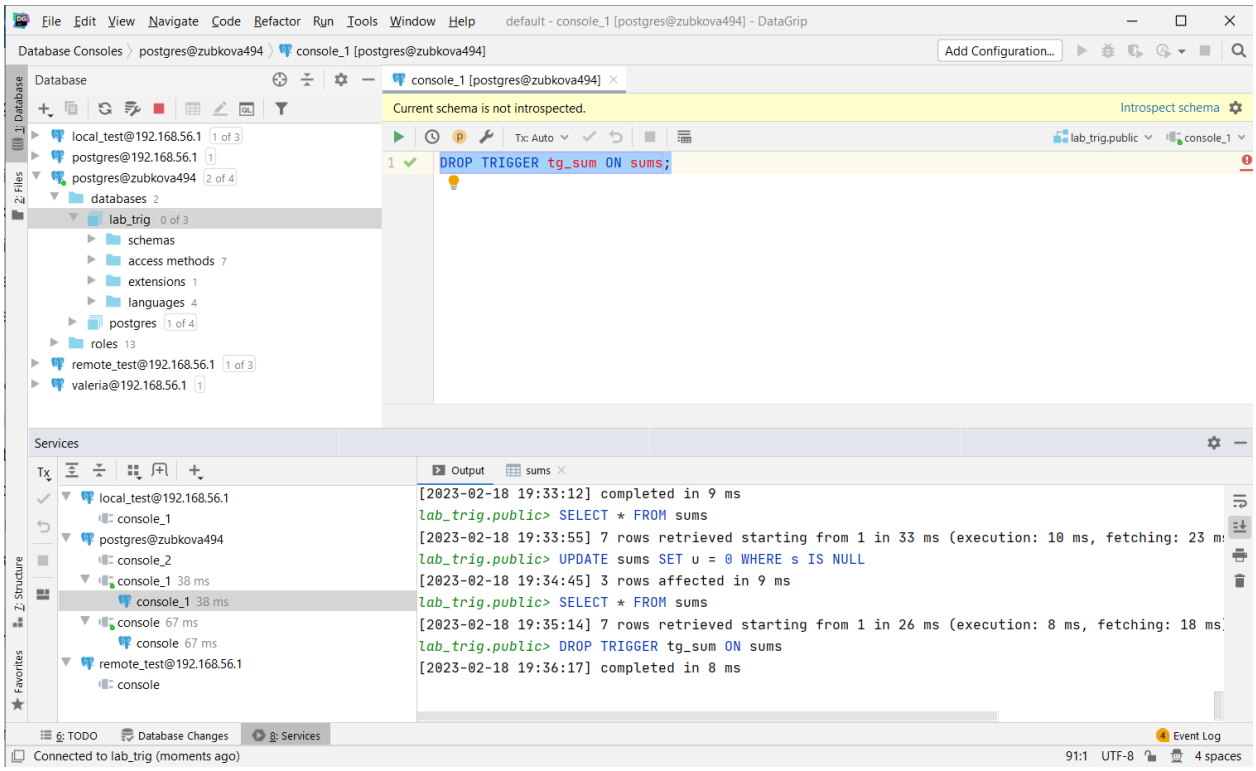
Добавление колонки к таблице



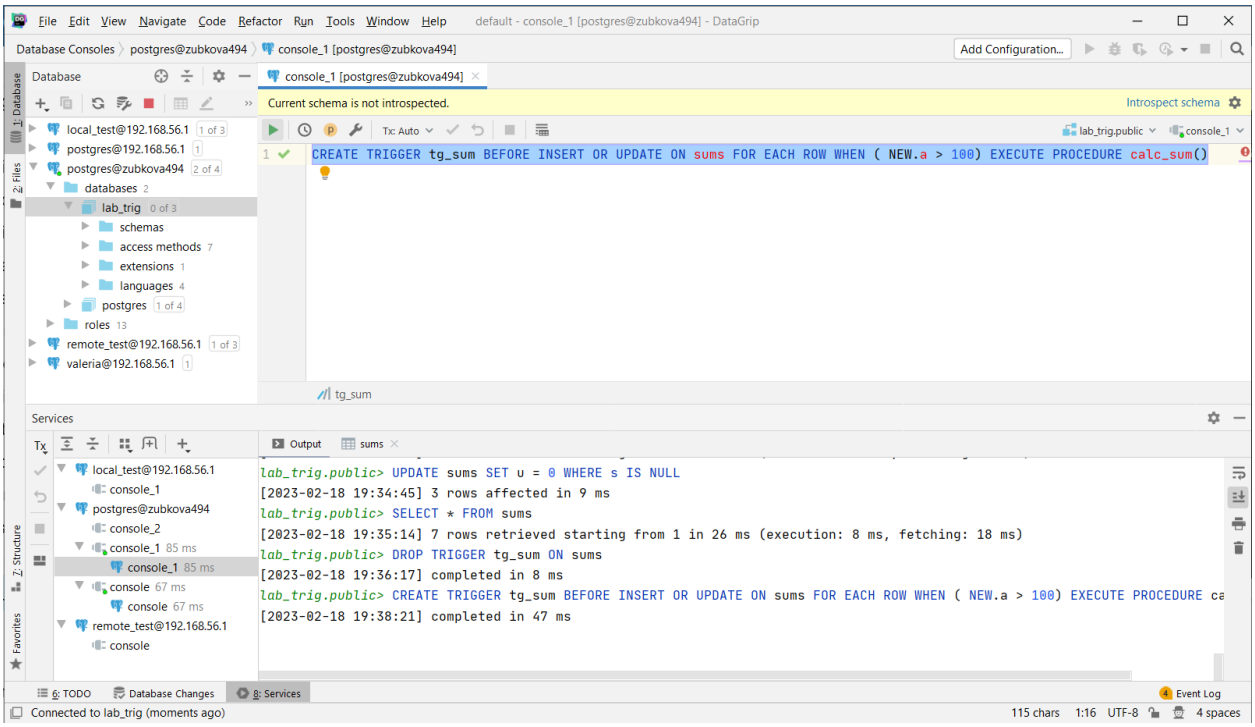
Обновление данных для новой колонки



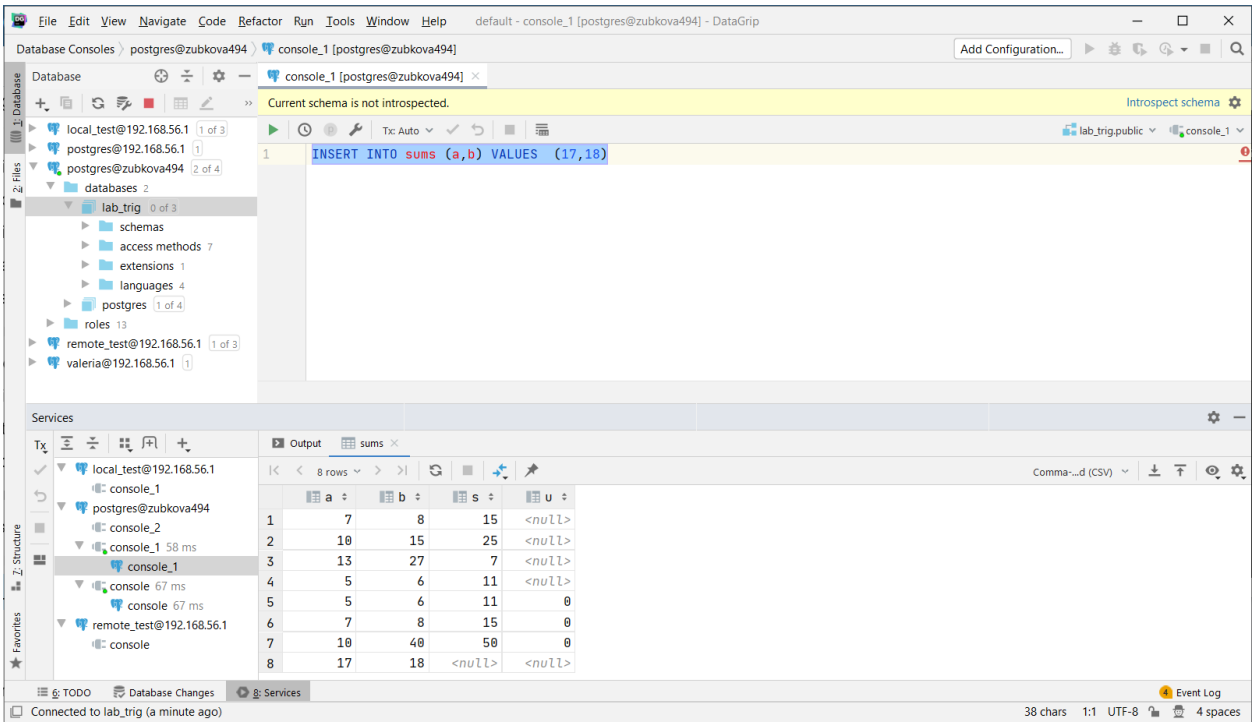
Отключение триггера



Создание нового триггера

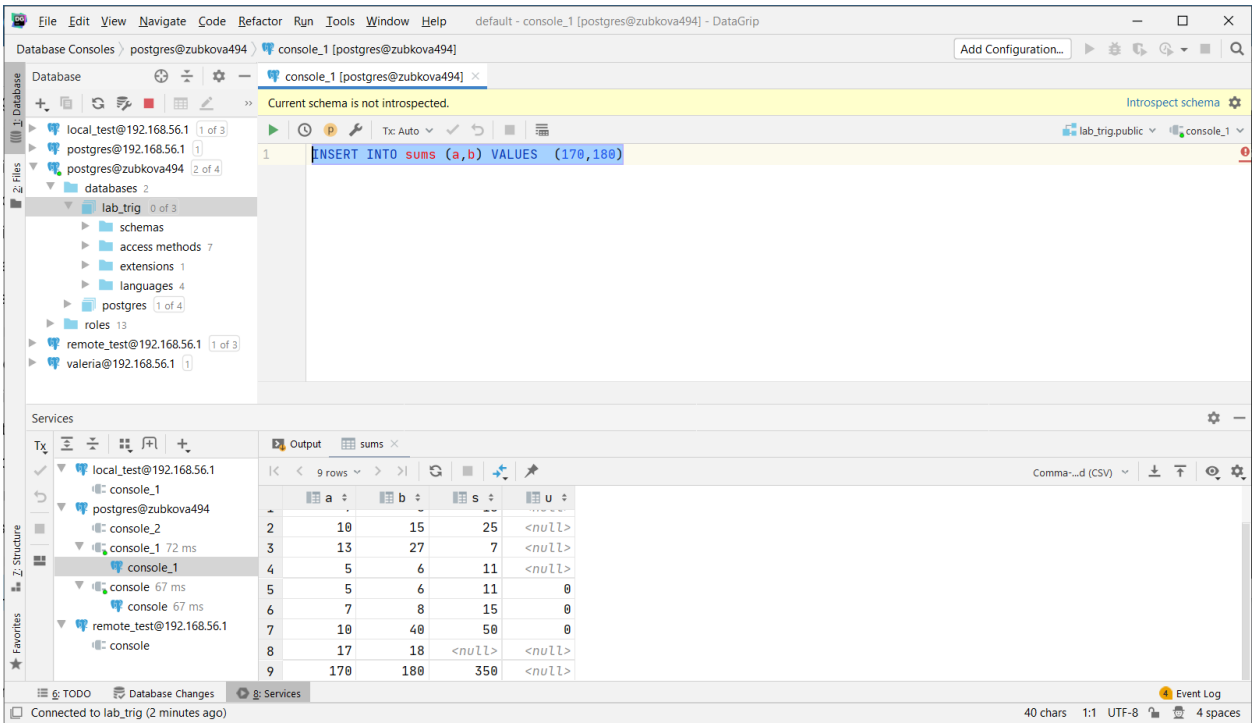


Добавление значений в таблицу

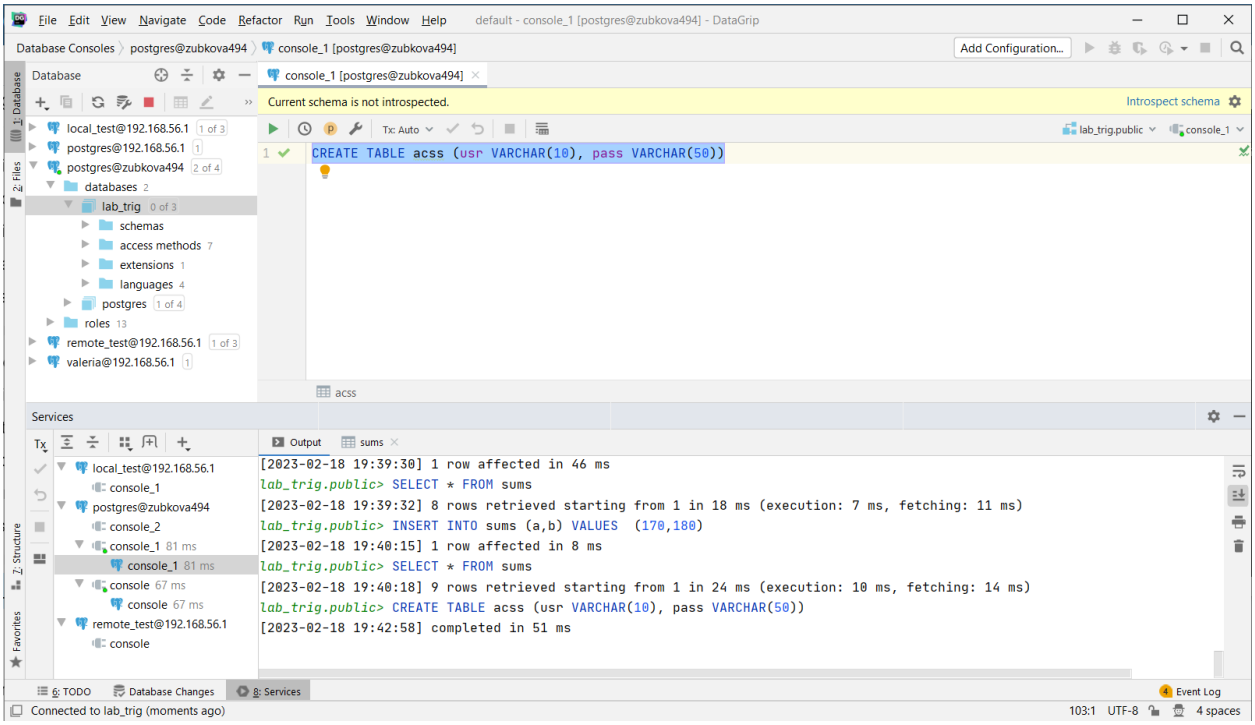


	a	b	s	u
1	7	8	15	<null>
2	10	15	25	<null>
3	13	27	7	<null>
4	5	6	11	<null>
5	5	6	11	0
6	7	8	15	0
7	10	40	50	0
8	17	18	<null>	<null>

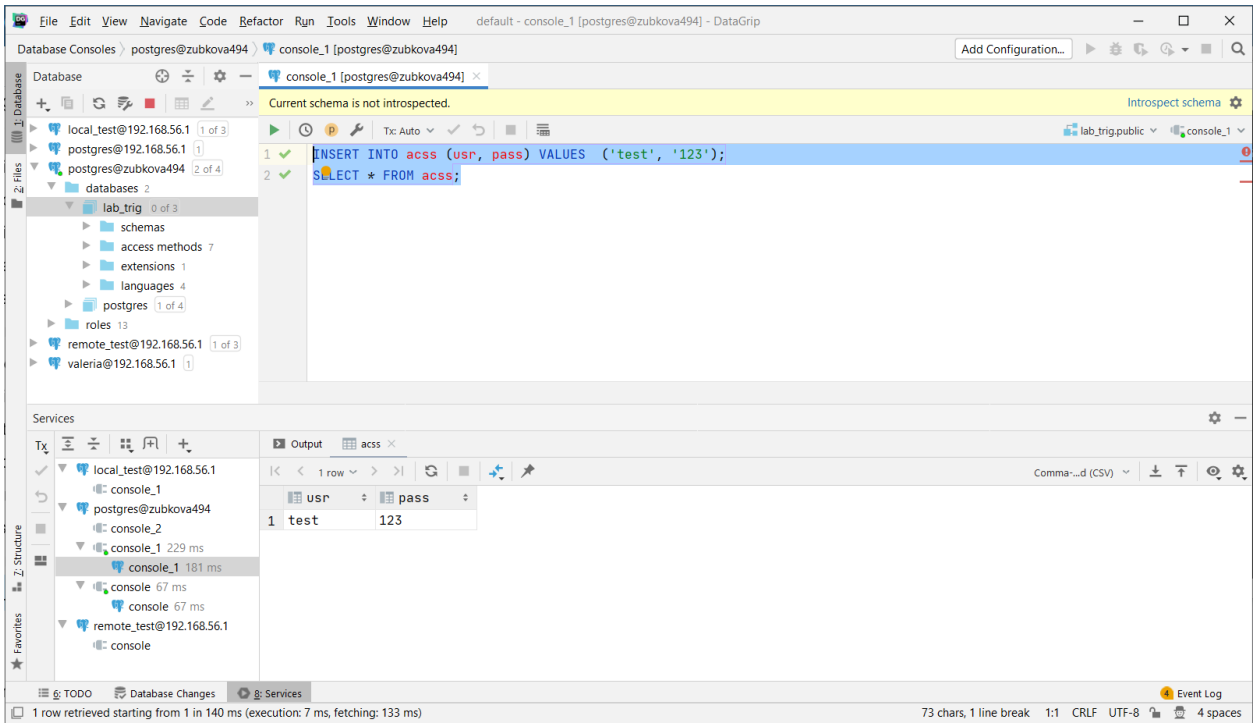
Проверка сохраненных данных после добавления более крупного числа (триггер сработал)



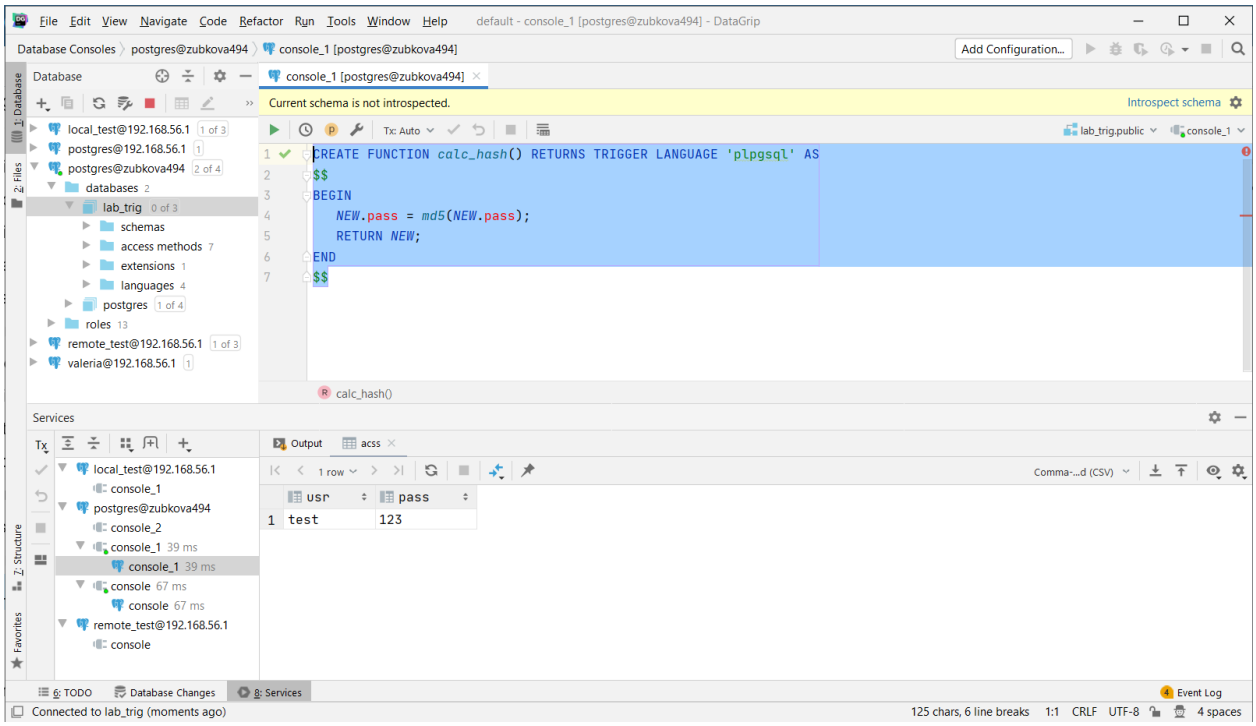
Создание новой таблицы для пользователей



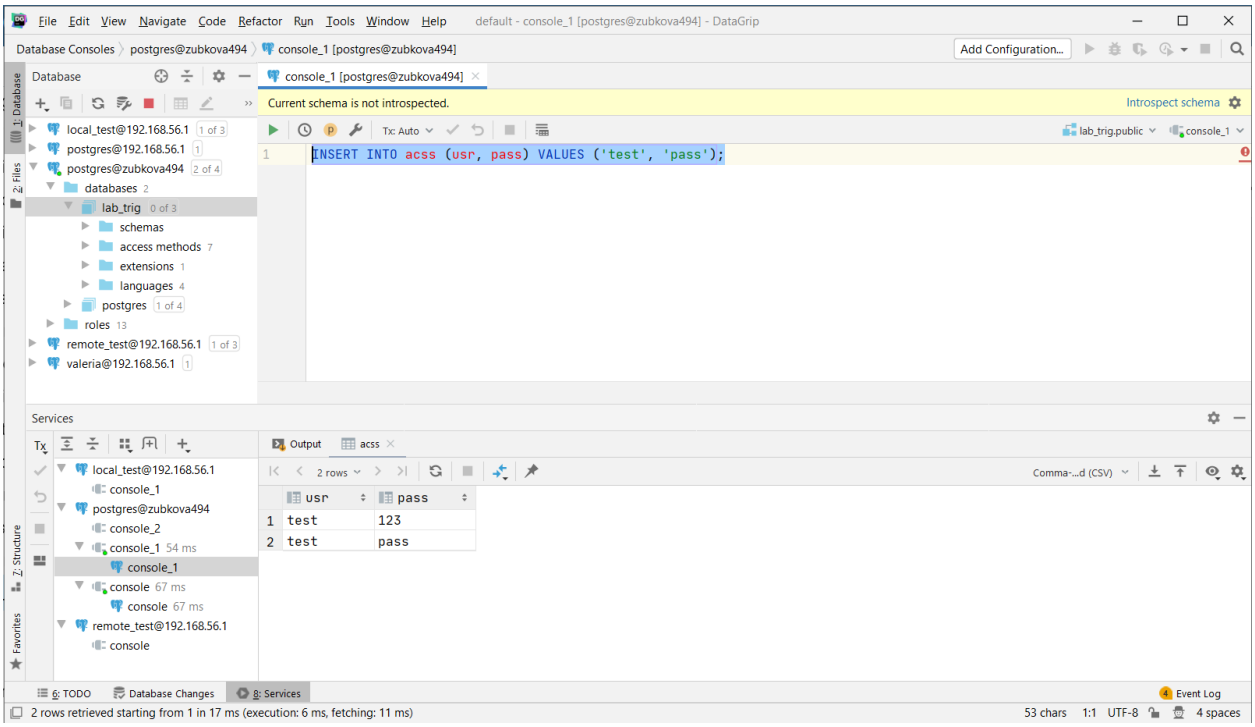
Заполнение таблицы данными



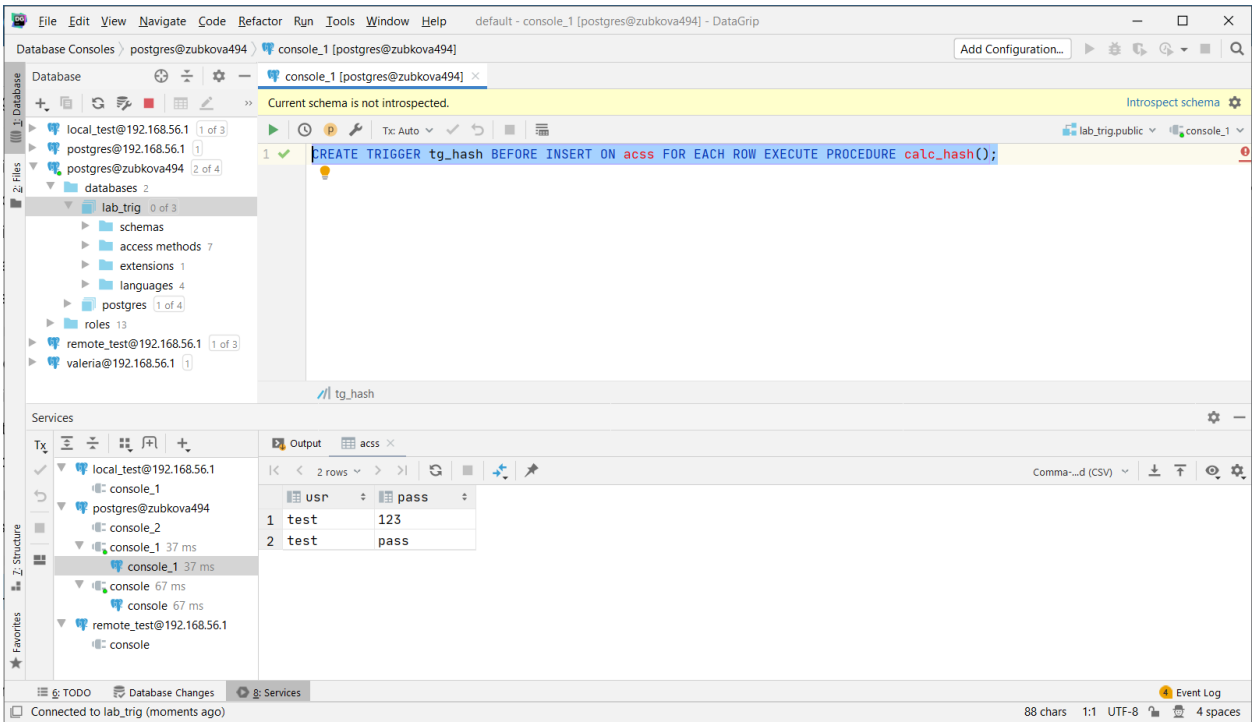
Создание триггера для новой таблицы



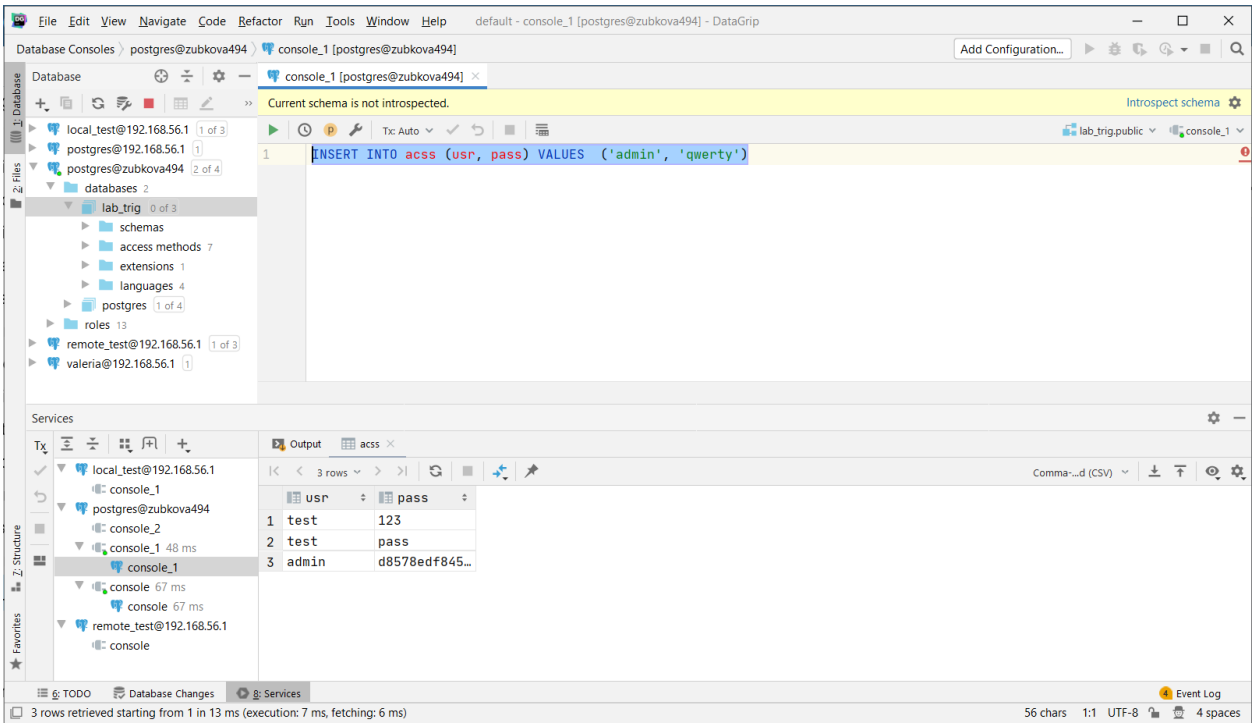
Добавление новых данных в таблицу



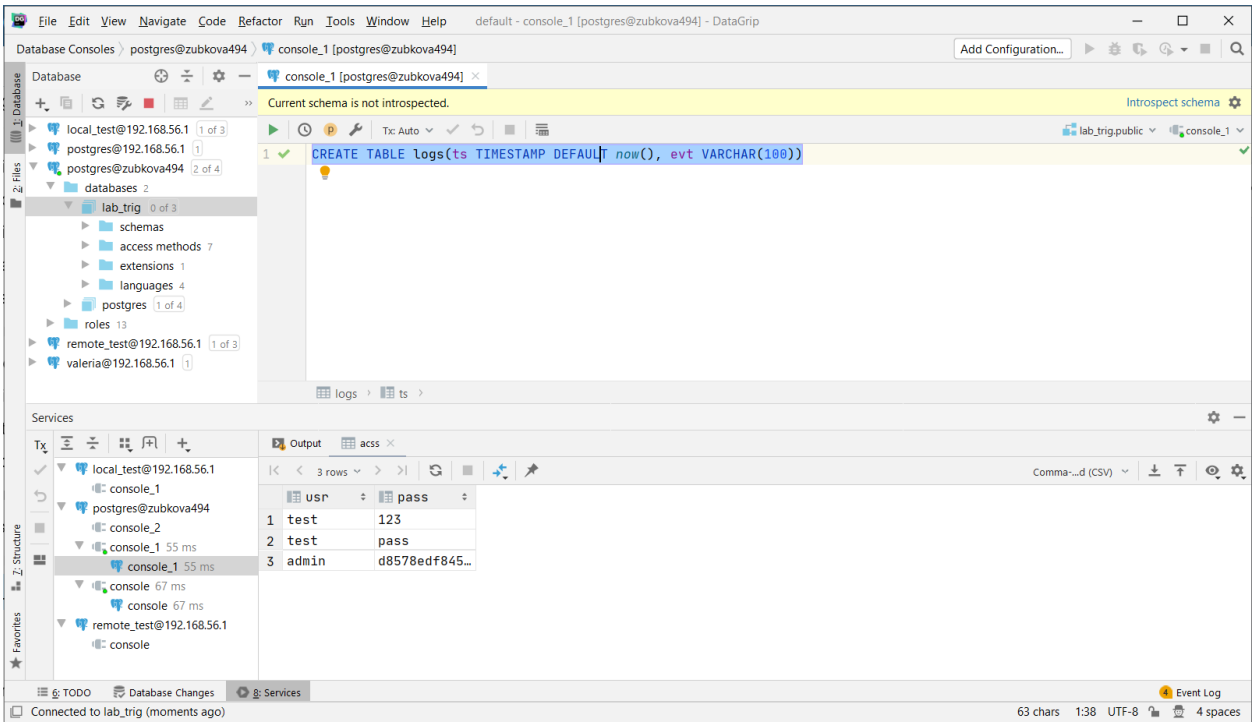
Добавление триггера



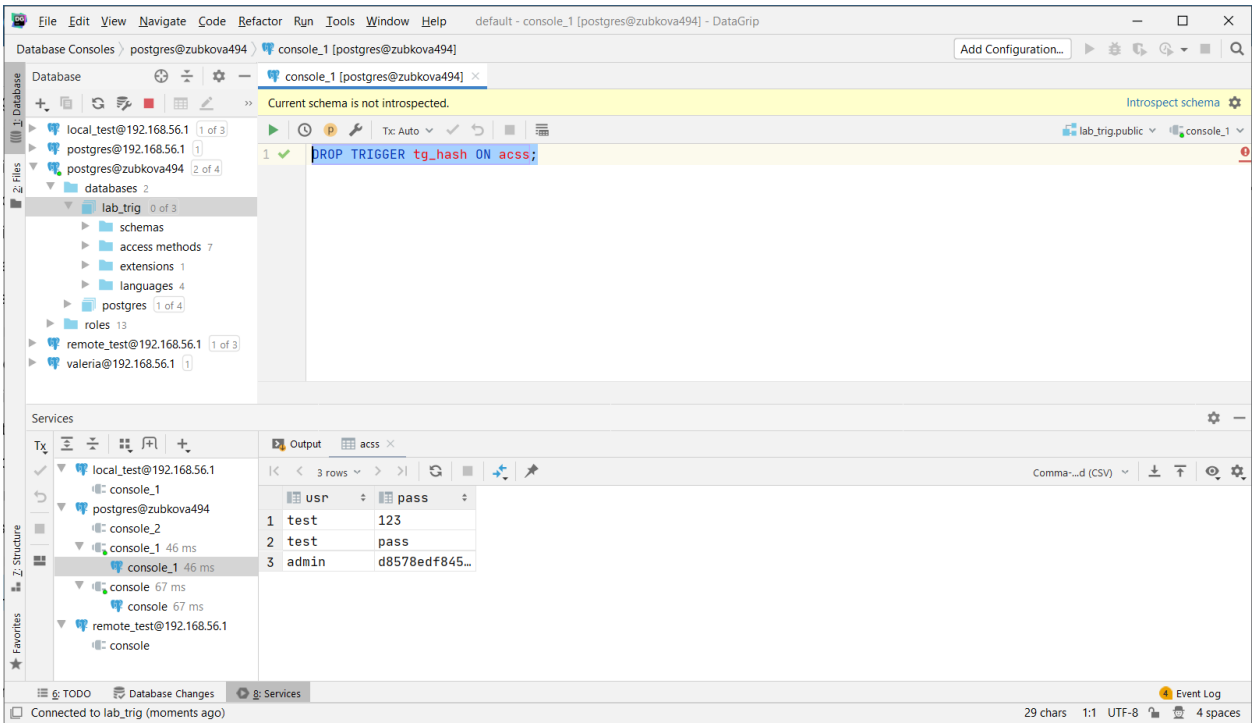
Проверка сохранения новых данных и срабатывание триггера для пароля



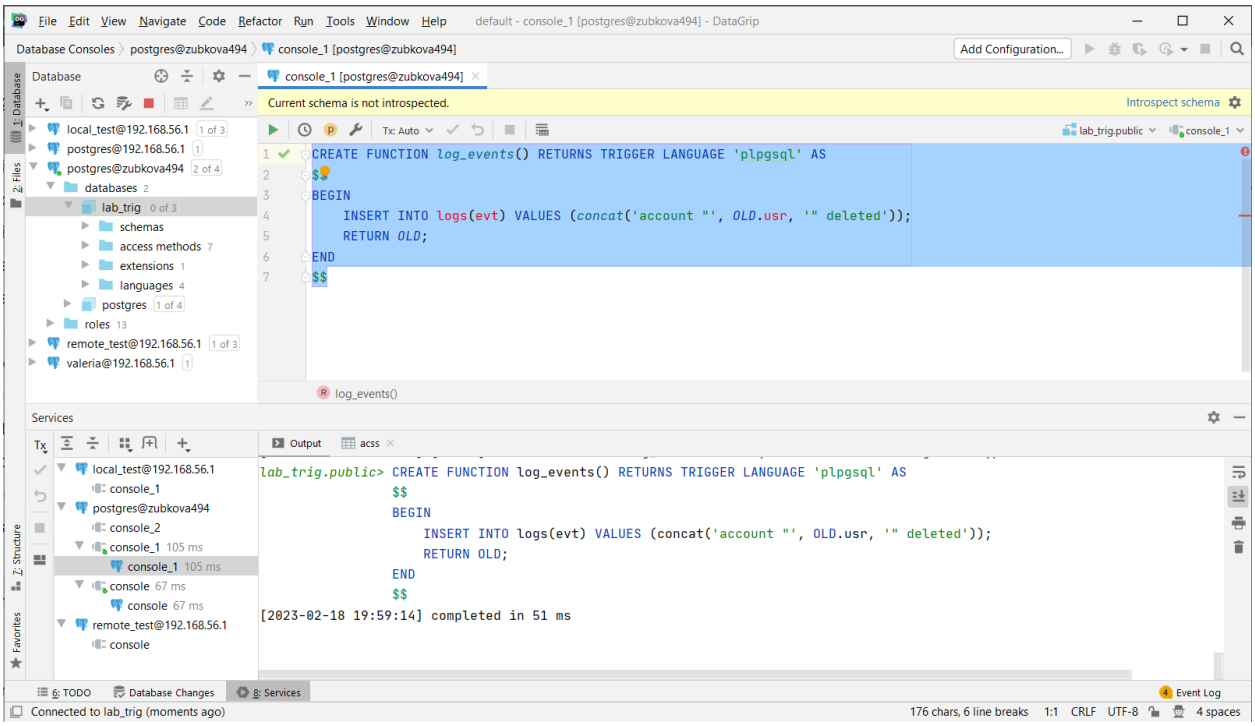
Создание новой таблицы



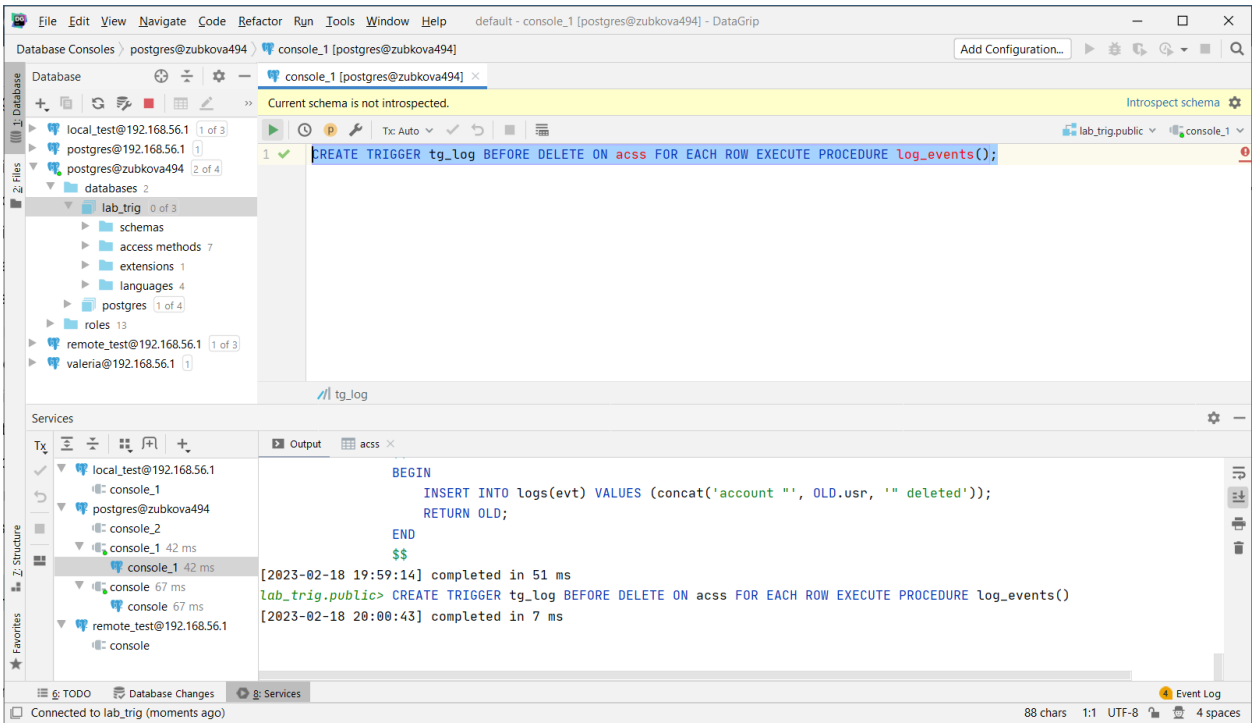
Убираем триггер с прошлой таблицы



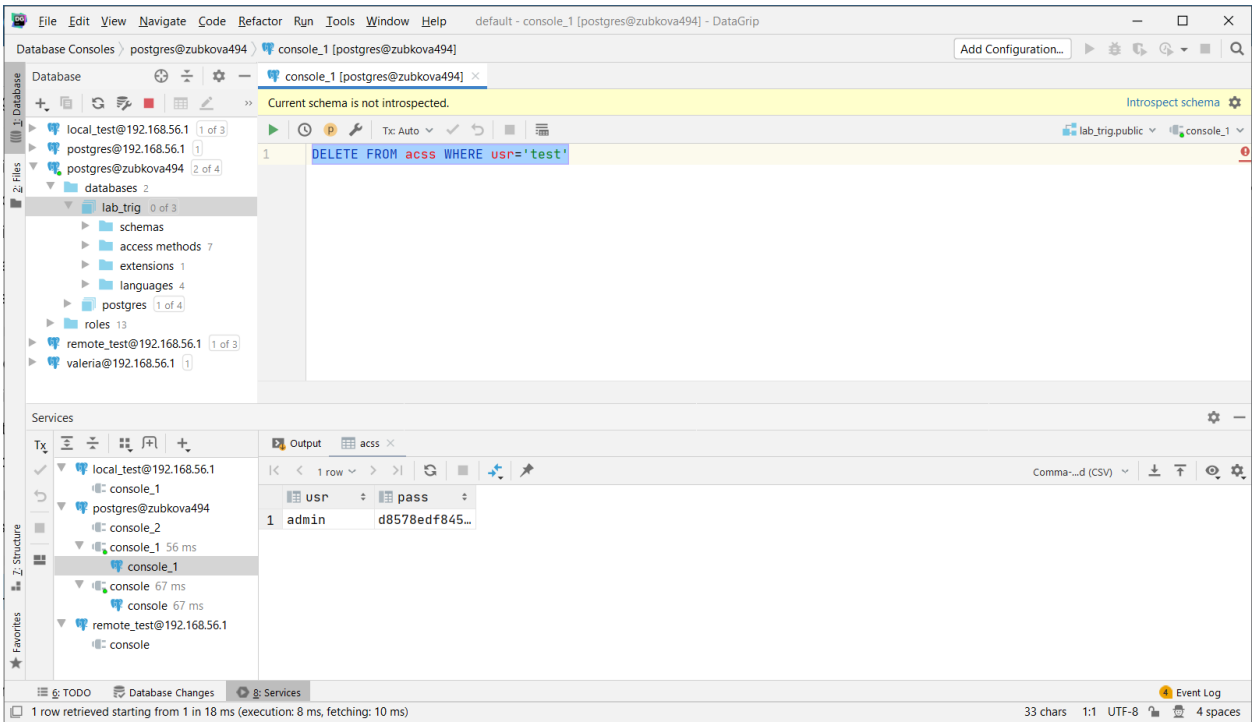
Создание триггера log_events()



Создание триггера для функции log_events



Удаление строк из таблицы с пользователями



Проверка работы логирования