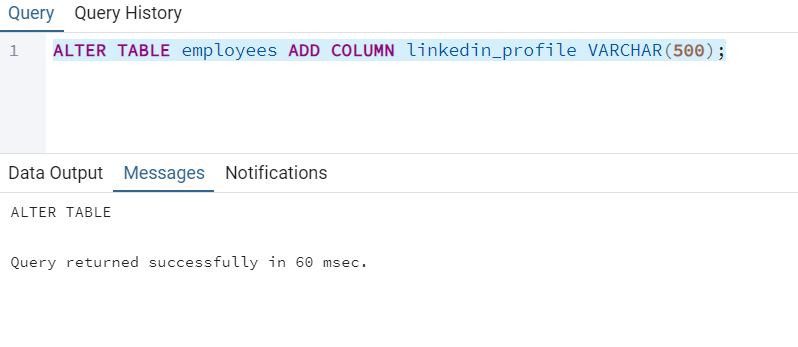
**Day 2 Assignment Output**

1. **Alter\_Table**

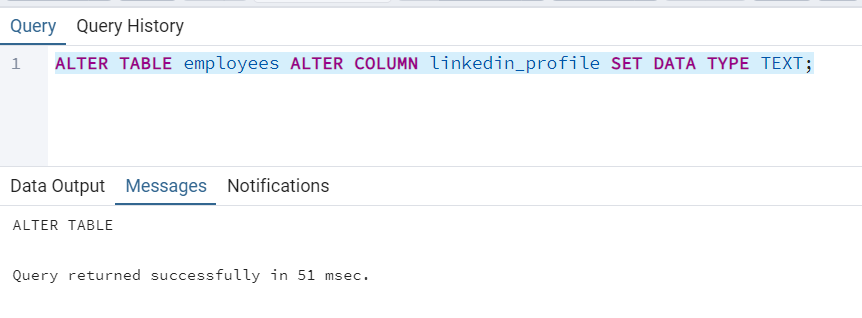
* Add a new column linkedin\_profile to employees table to store LinkedIn URLs as varchar

**ALTER TABLE employees ADD COLUMN linkedin\_profile VARCHAR(500);**

****

* Change the linkedin\_profile column data type from VARCHAR to TEXT

**ALTER TABLE employees ALTER COLUMN linkedin\_profile SET DATA TYPE TEXT;**

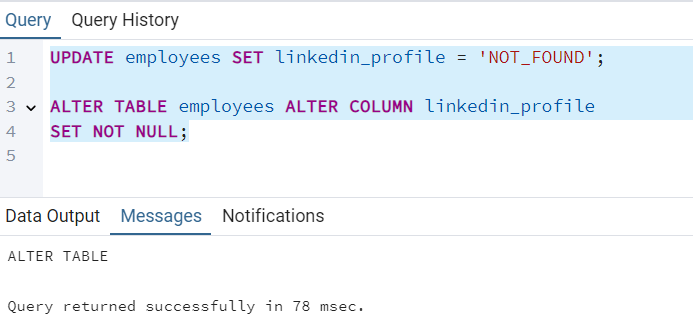
****

* Add unique, not null constraint to linkedin\_profile

**UPDATE employees SET linkedin\_profile = 'NOT\_FOUND';**

**ALTER TABLE employees ALTER COLUMN linkedin\_profile**

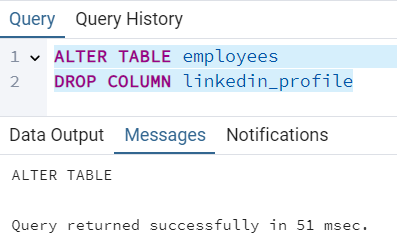
**SET NOT NULL;**

****

* Drop column linkedin\_profile

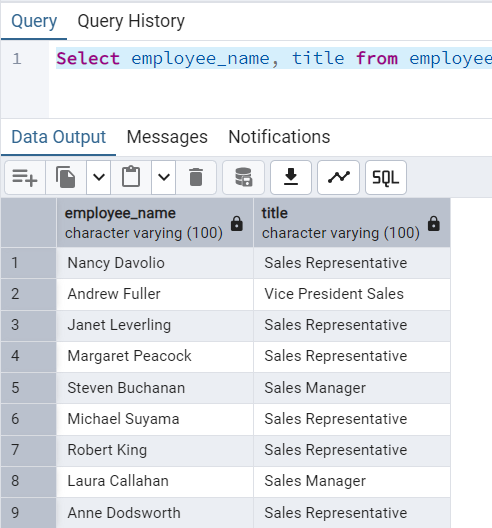
**ALTER TABLE employees**

**DROP COLUMN linkedin\_profile**

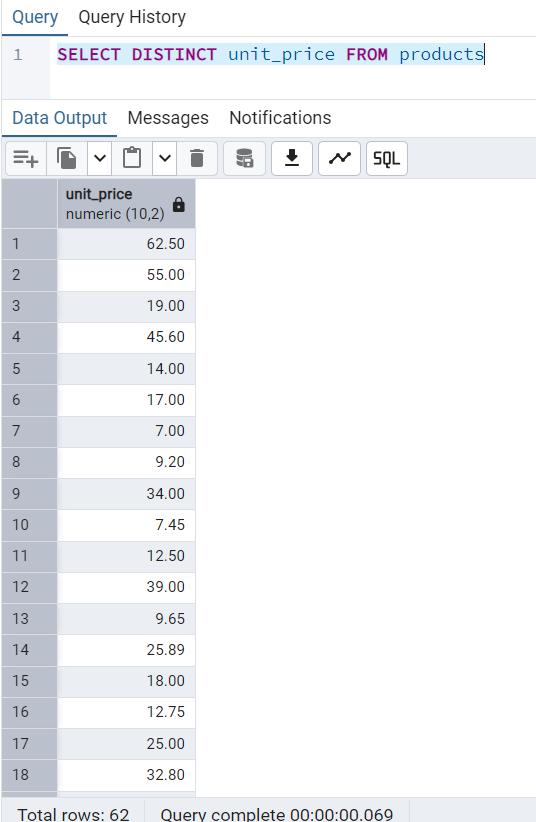
****

1. **Querying (Select)**
   * Retrieve the employee name and title of all employees

**Select employee\_name, title from employees**

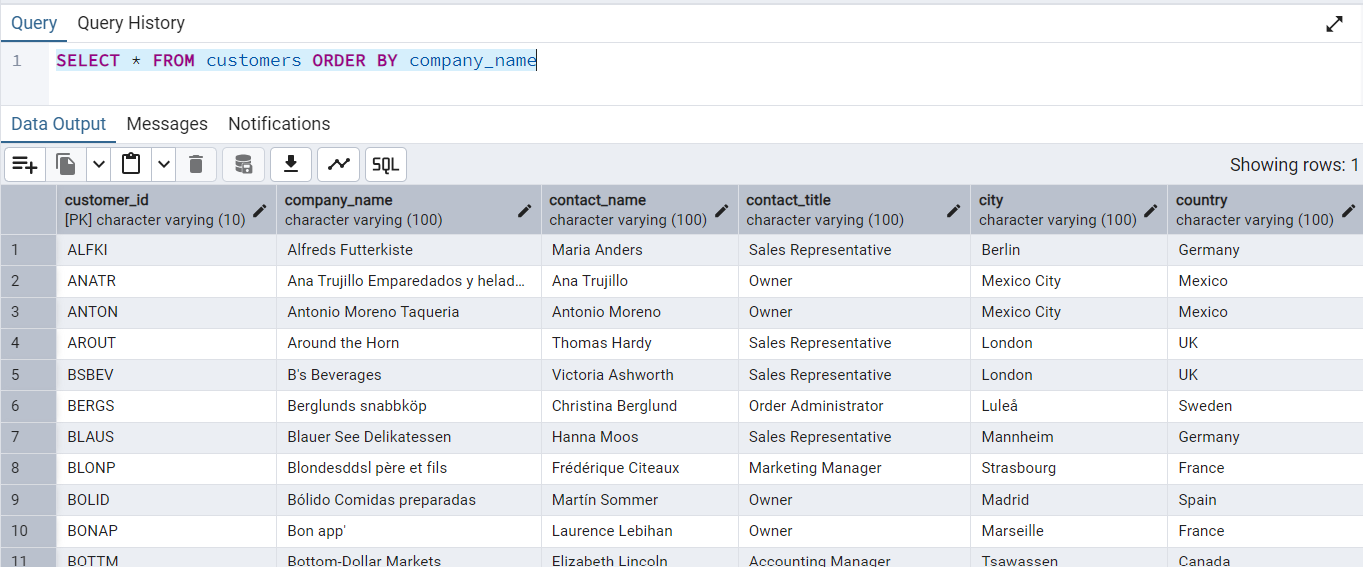
****

* Find all unique unit prices of products

**SELECT DISTINCT unit\_price FROM products**

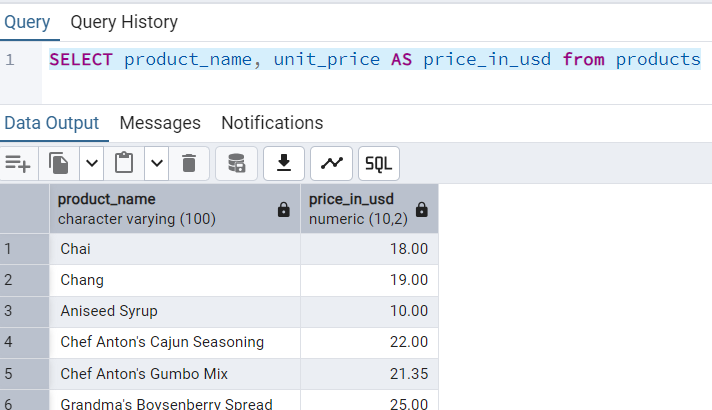
* List all customers sorted by company name in ascending order

**SELECT \* FROM customers ORDER BY company\_name**

****

* Display product name and unit price, but rename the unit\_price column as price\_in\_usd

**SELECT product\_name, unit\_price AS price\_in\_usd from products**

****

**3. Filtering**

* Get all customers from Germany

**SELECT \* FROM customers where country = 'Germany'**

****

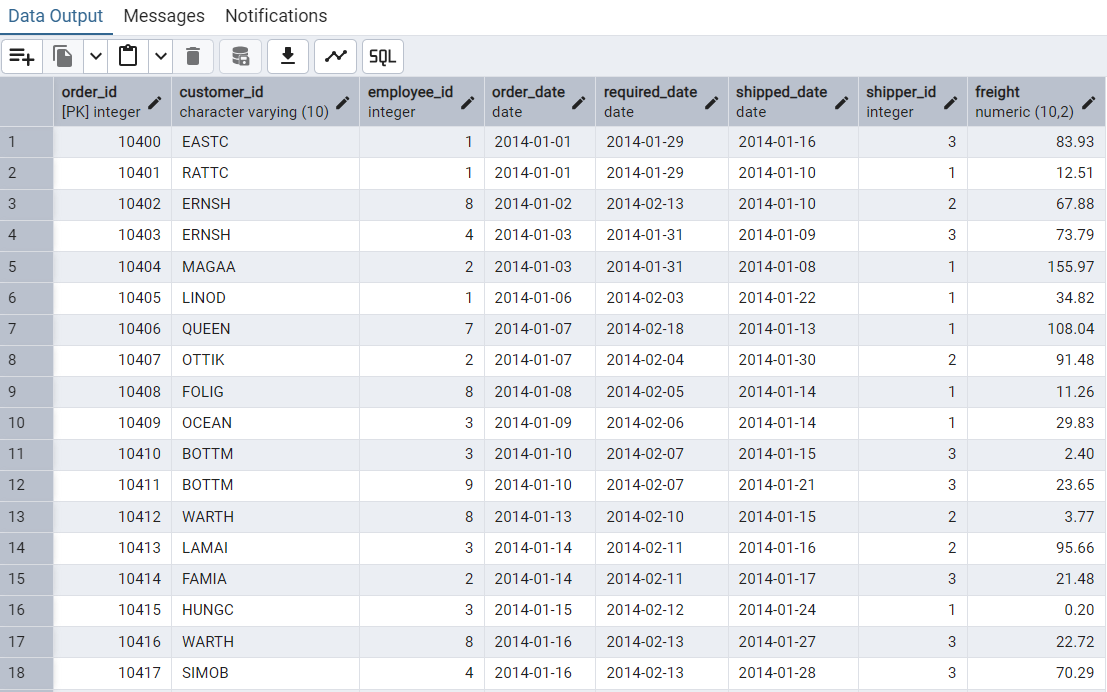
* Find all customers from France or Spain

**SELECT \* FROM customers where country IN ('France', 'Spain')**

****

* Retrieve all orders placed in 2014(based on order\_date), and either have freight greater than 50 or the shipped date available (i.e., non-NULL) (Hint: EXTRACT(YEAR FROM order\_date))

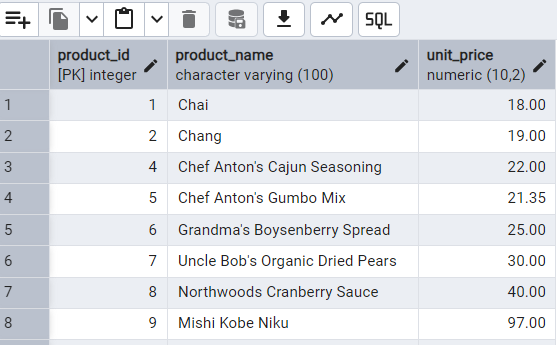
**SELECT \* FROM orders WHERE EXTRACT(YEAR FROM order\_date) = 2014 AND (freight > 50 OR shipped\_date IS NOT NULL)**

****

**4. Filtering**

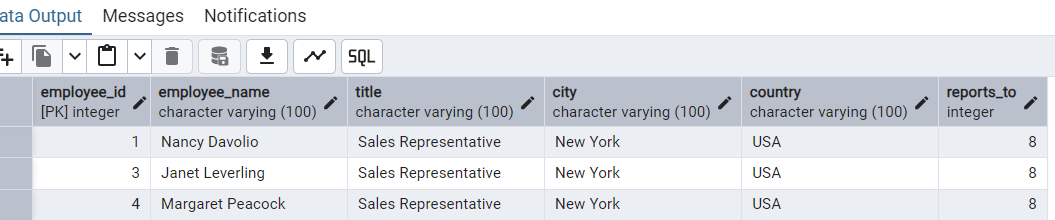
* Retrieve the product\_id, product\_name, and unit\_price of products where the unit\_price is greater than 15

**SELECT product\_id, product\_name, unit\_price FROM products WHERE unit\_price > 15**

****

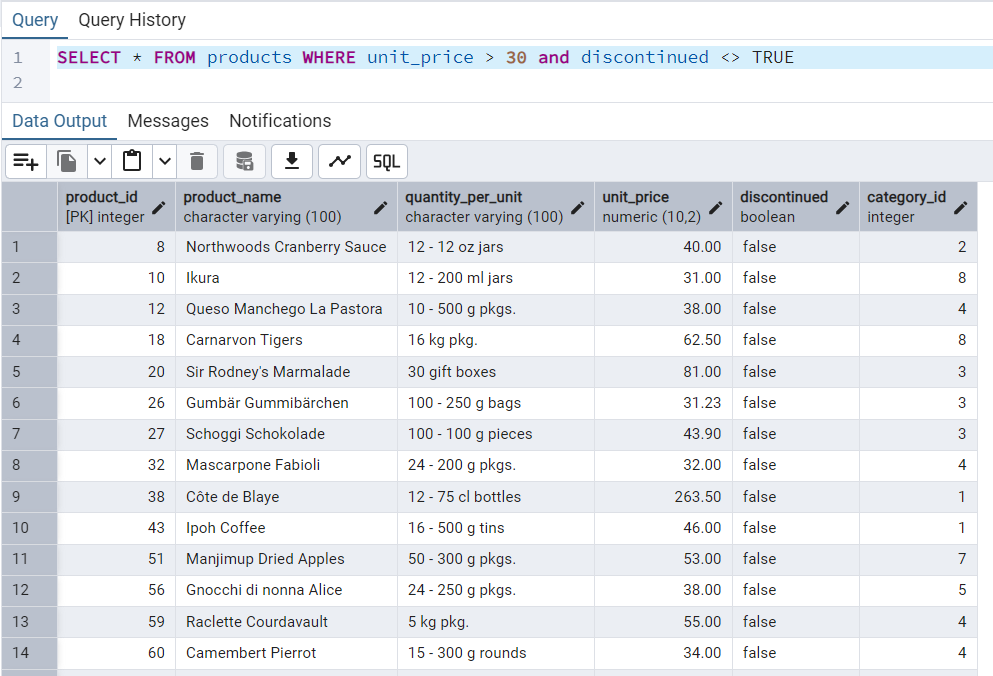
* List all employees who are located in the USA and have the title "Sales Representative”

**SELECT \* FROM employees WHERE COUNTRY = 'USA' AND title = 'Sales Representative'**

****

* Retrieve all products that are not discontinued and priced greater than 30

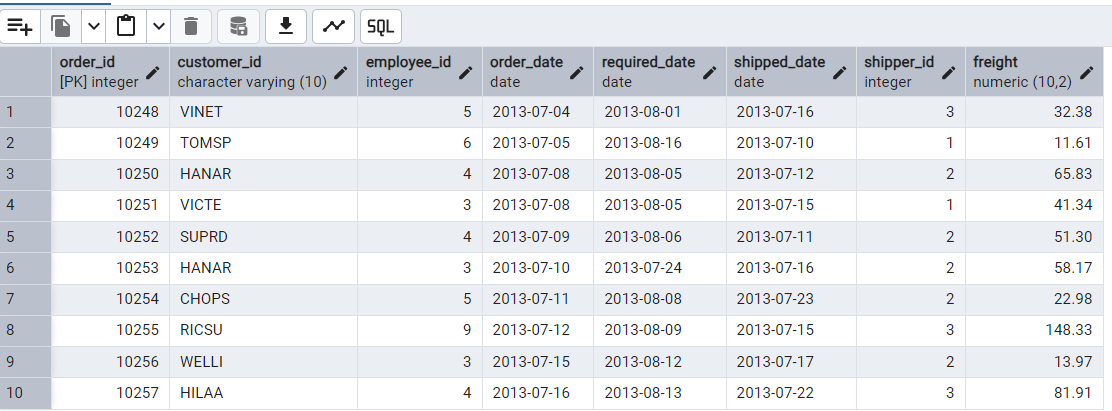
**SELECT \* FROM products WHERE unit\_price > 30 and discontinued <> TRUE**

****

**5. LIMIT/FETCH**

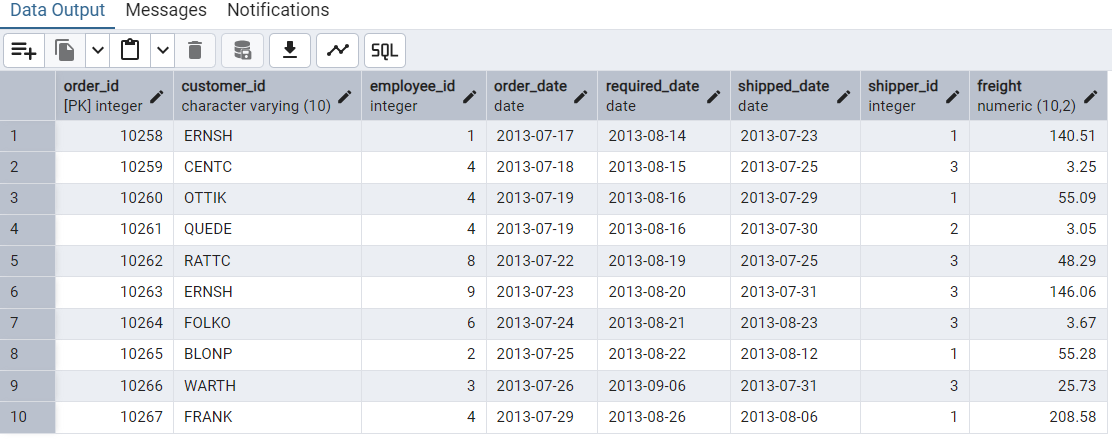
* Retrieve the first 10 orders from the orders table.

**SELECT \* FROM orders FETCH FIRST 10 ROWS ONLY**

****

* Retrieve orders starting from the 11th order, fetching 10 rows (i.e., fetch rows 11-20).

**SELECT \* FROM orders OFFSET 10 ROWS FETCH NEXT 10 ROWS ONLY**

****

**6. Filtering (IN, BETWEEN)**

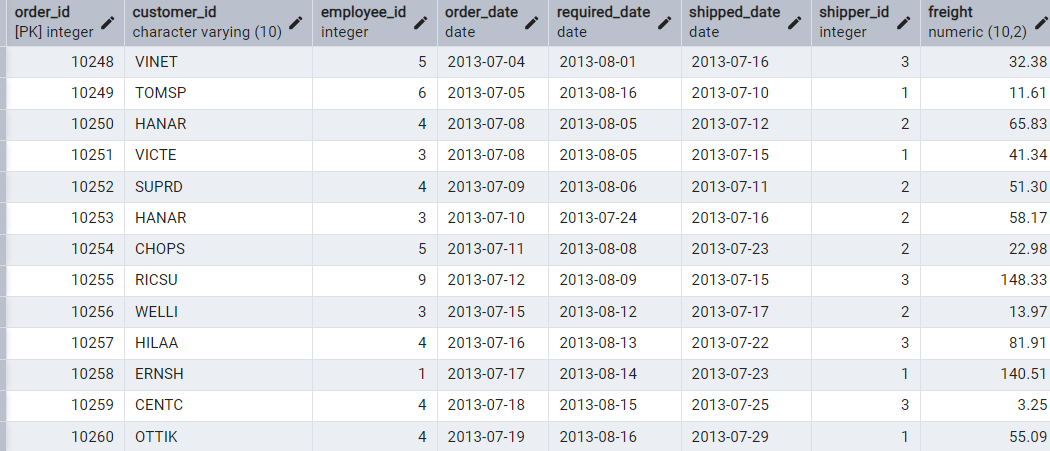
* List all customers who are either Sales Representative, Owner

**SELECT \* FROM customers WHERE contact\_title IN ('Sales Representative', 'Owner')**

****

* Retrieve orders placed between January 1, 2013, and December 31, 2013.

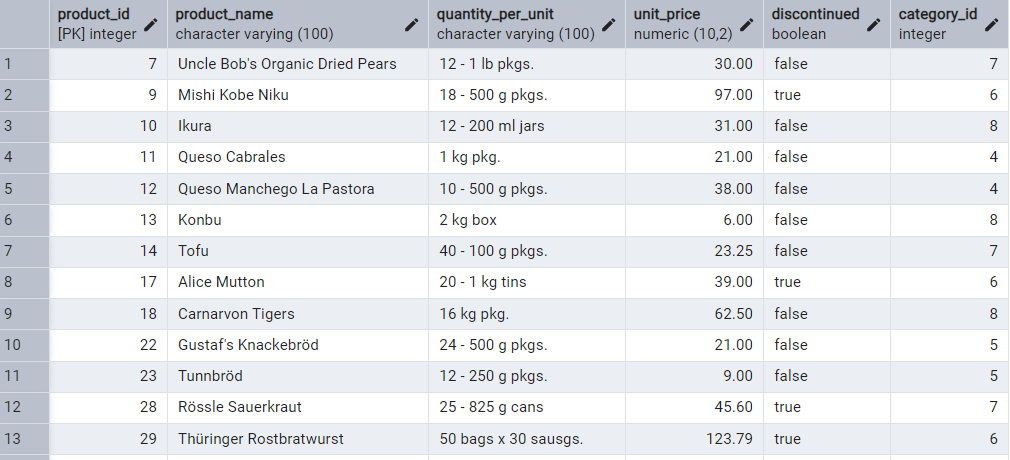
**SELECT \* FROM orders WHERE order\_date BETWEEN '2013-01-01' AND '2013-12-31'**

****

**7. Filtering**

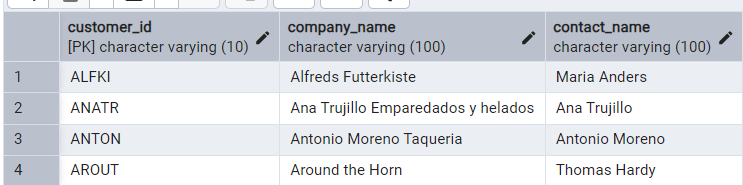
* List all products whose category\_id is not 1, 2, or 3

**SELECT \* FROM products WHERE category\_id NOT IN (1, 2, 3)**

****

* Find customers whose company name starts with "A"

**SELECT \* FROM customers WHERE company\_name LIKE 'A%'**

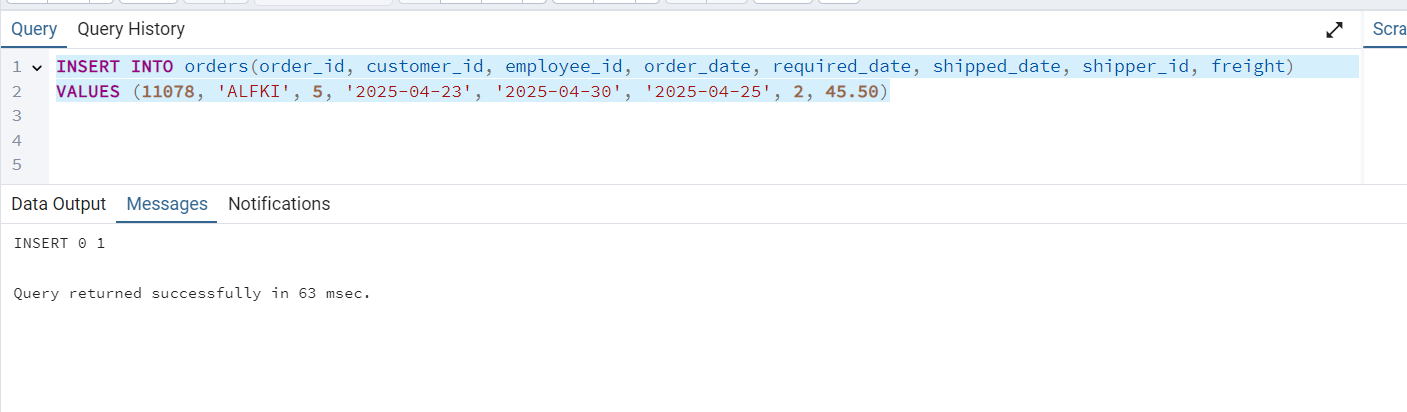
****

**8. INSERT into orders table**

* Add a new order to the orders table with the following details

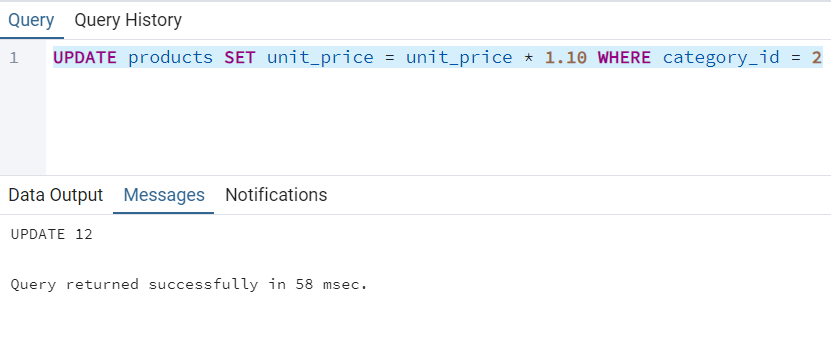
**INSERT INTO orders(order\_id, customer\_id, employee\_id, order\_date, required\_date, shipped\_date, shipper\_id, freight)**

**VALUES (11078, 'ALFKI', 5, '2025-04-23', '2025-04-30', '2025-04-25', 2, 45.50)**

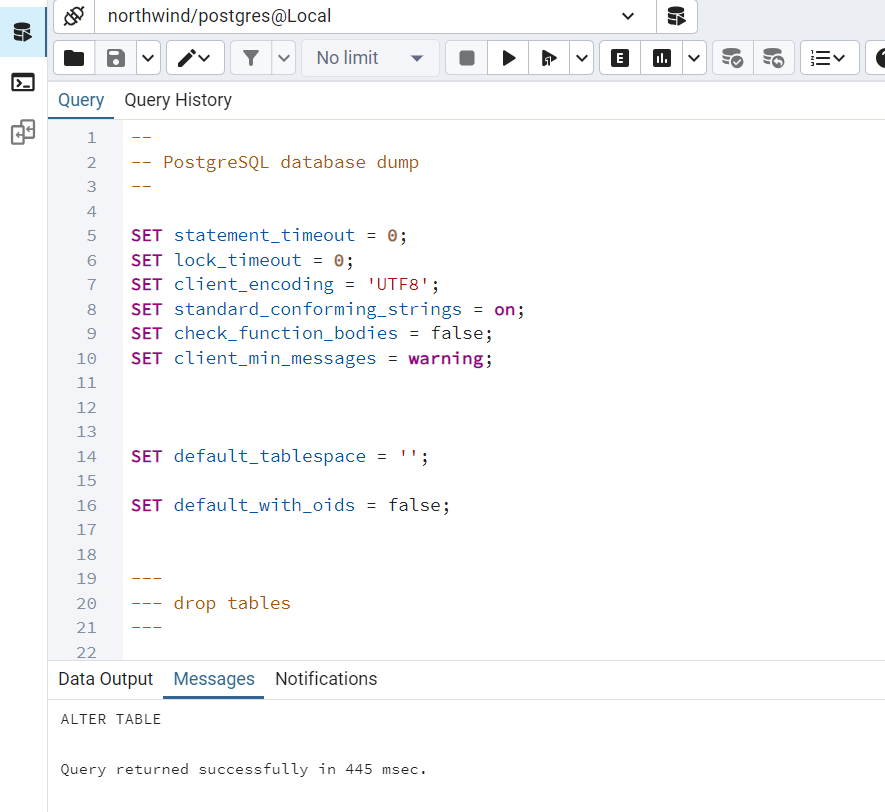
****

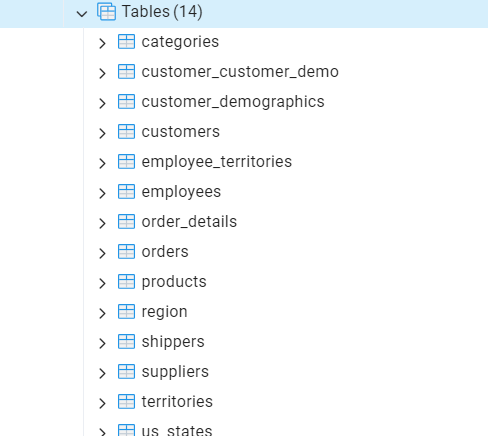
**9. Increase(Update) the unit price of all products in category\_id =2 by 10%**

* **UPDATE products SET unit\_price = unit\_price \* 1.10 WHERE category\_id = 2**

****

**10. Create northwind database and import northwind.sql**

****

****