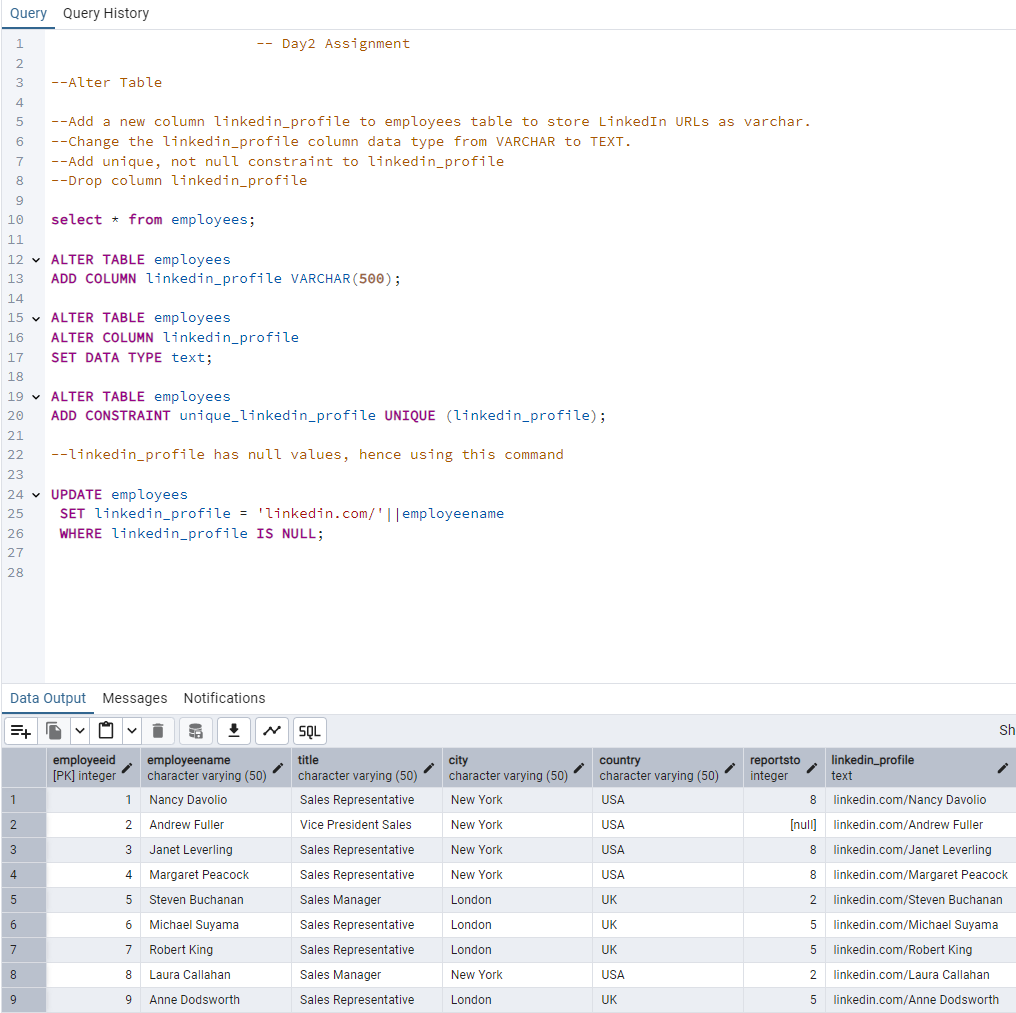
**Day2**

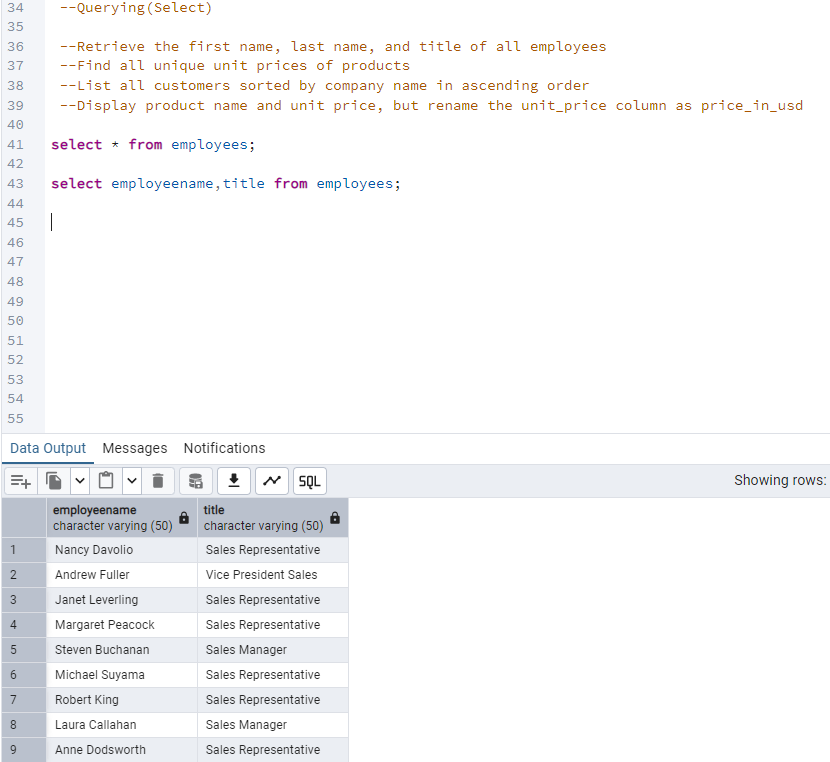
1) Alter Table:

* Add a new column linkedin\_profile to employees table to store LinkedIn URLs as varchar.
* Change the linkedin\_profile column data type from VARCHAR to TEXT.
* Add unique, not null constraint to linkedin\_profile
* Drop column linkedin\_profile

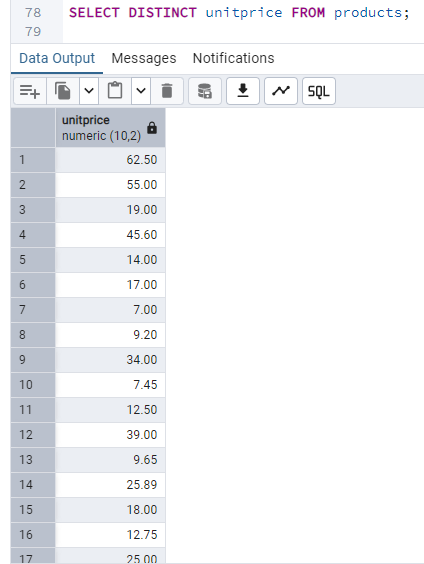


2) Querying (Select)

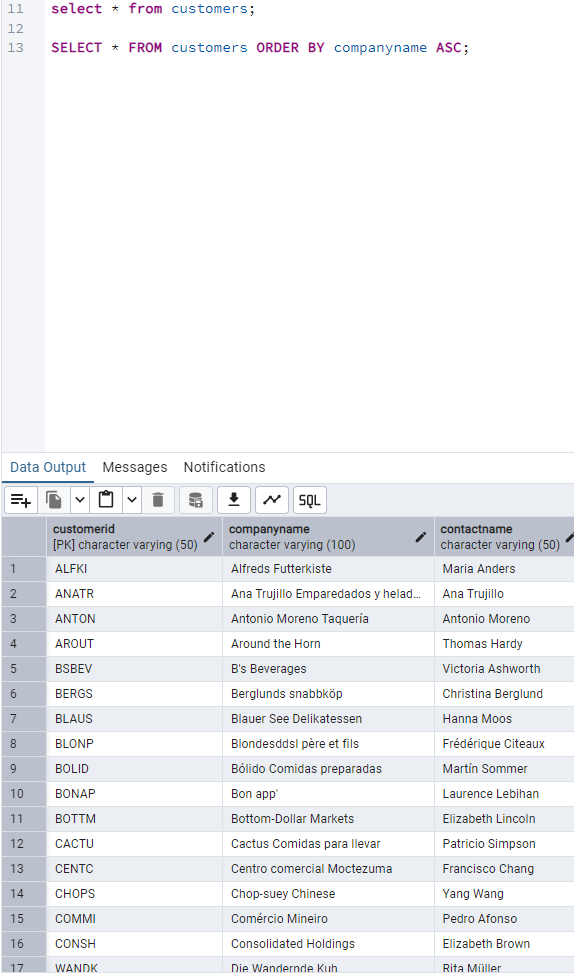
* Retrieve the first name, last name, and title of all employees



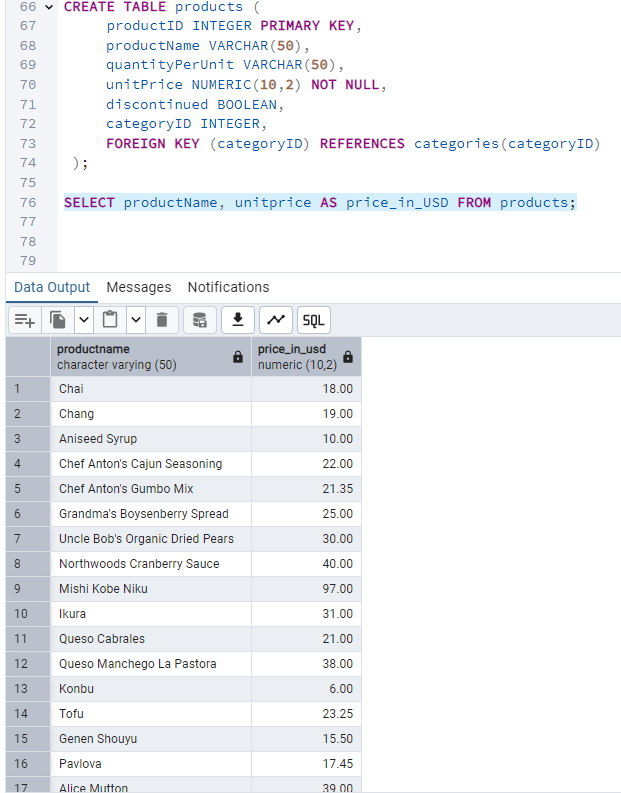
Find all unique unit prices of products



List all customers sorted by company name in ascending order

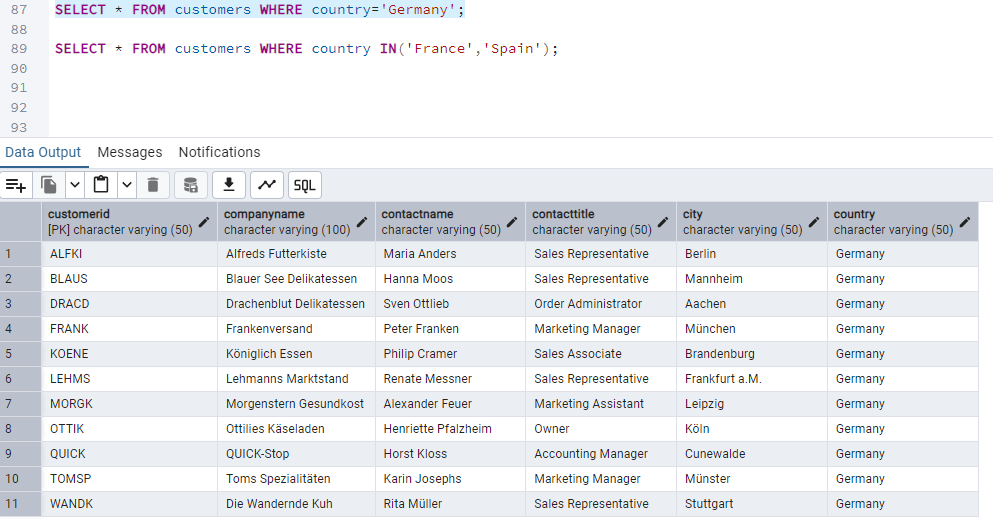


* Display product name and unit price, but rename the unit\_price column as price\_in\_usd

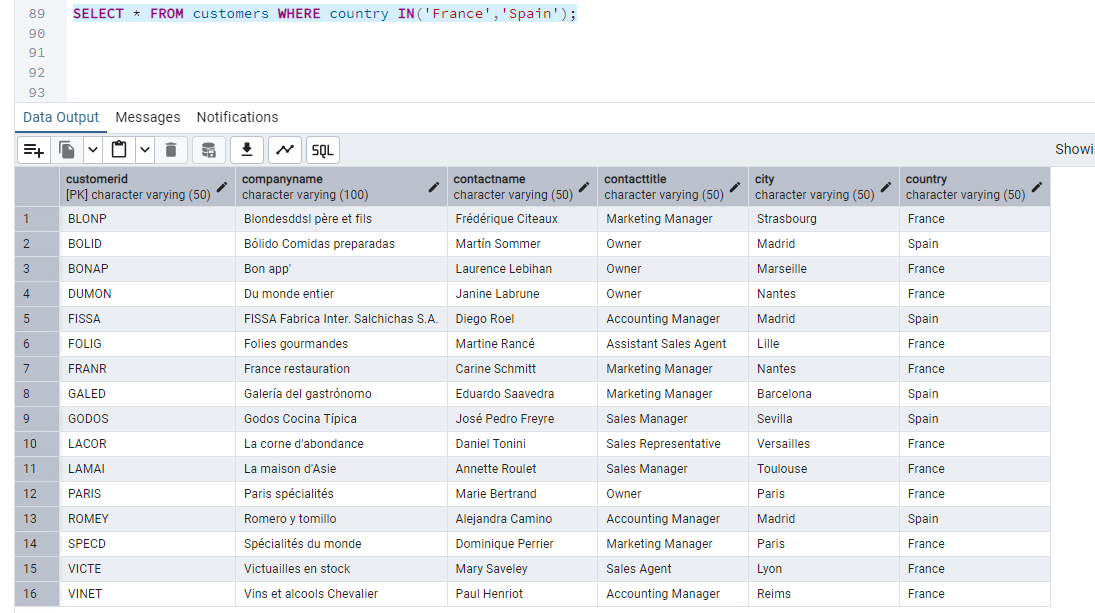


3) Filtering

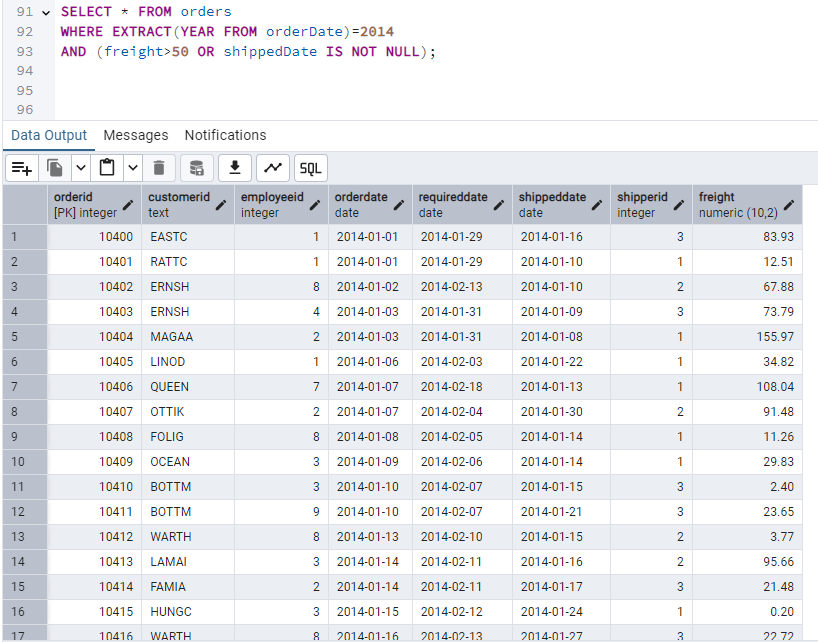
Get all customers from Germany



* Find all customers from France or Spain

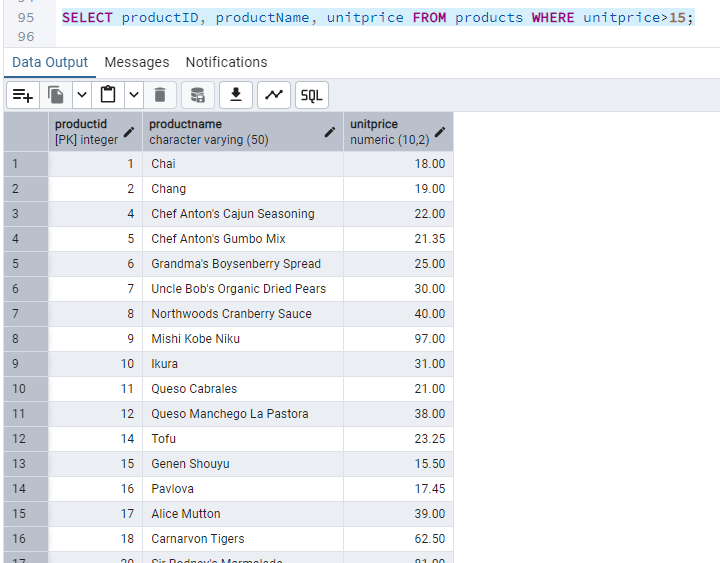


* Retrieve all orders placed in 2014 (based on order\_date), and either have freight greater than 50 or the shipped date available (i.e., non-NULL) (Hint: EXTRACT(YEAR FROM order\_date))

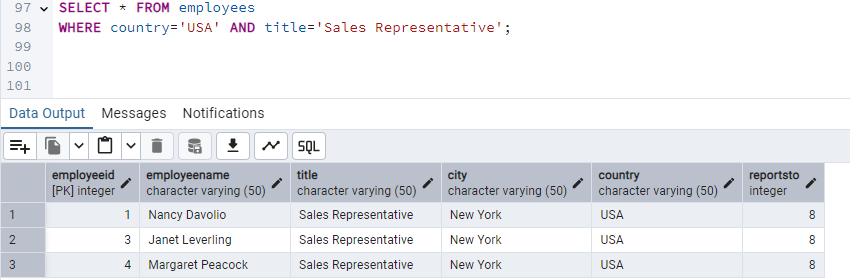


4) Filtering

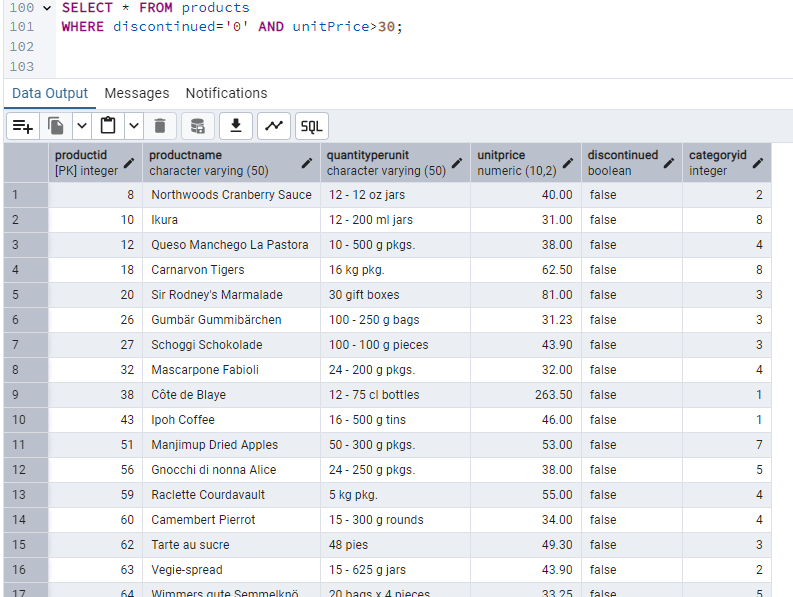
* Retrieve the product\_id, product\_name, and unit\_price of products where the unit\_price is greater than 15.



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

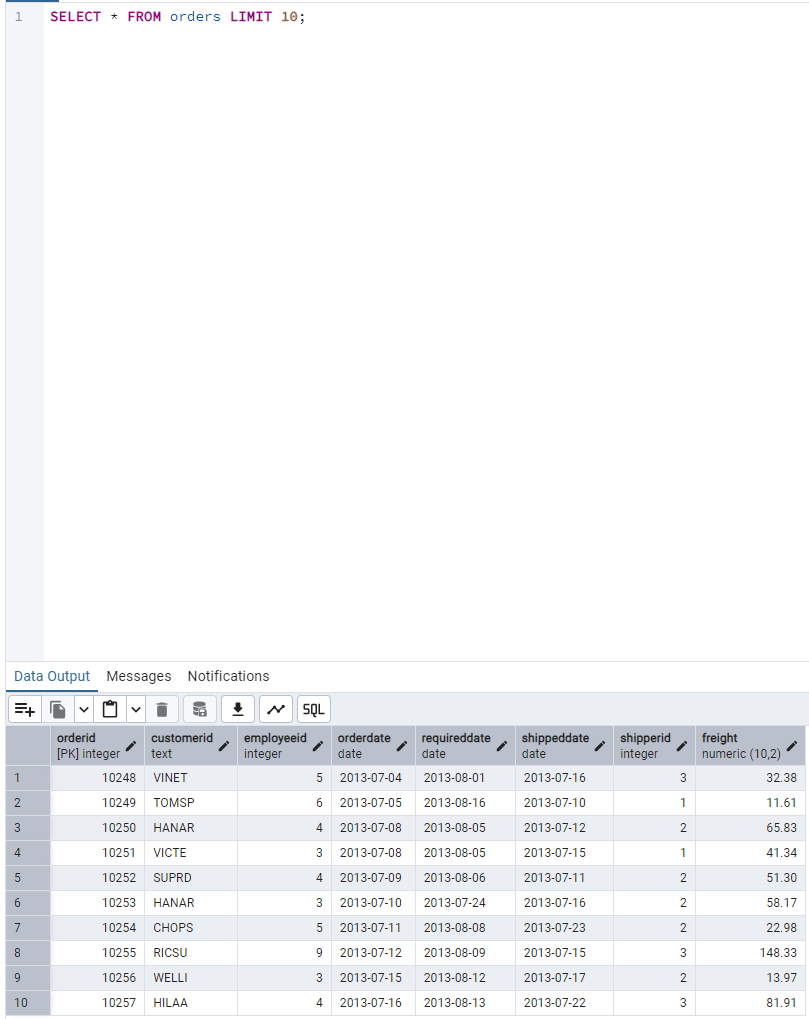


Retrieve all products that are not discontinued and priced greater than 30.

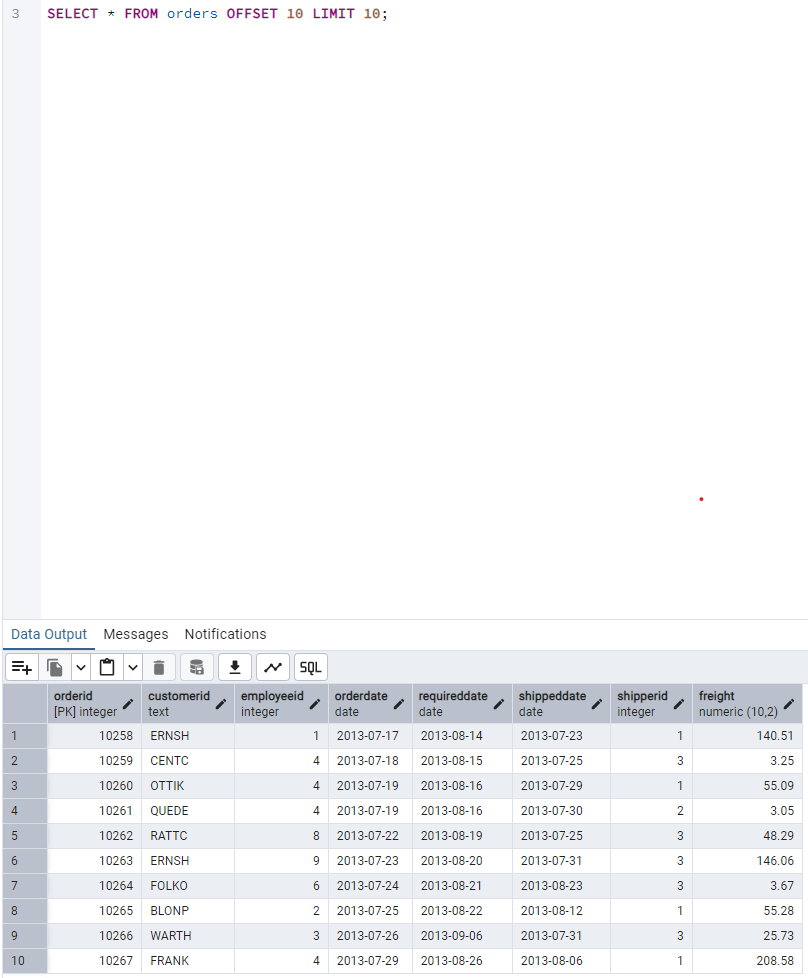


5. LIMIT/FETCH

Retrieve the first 10 orders from the orders table.

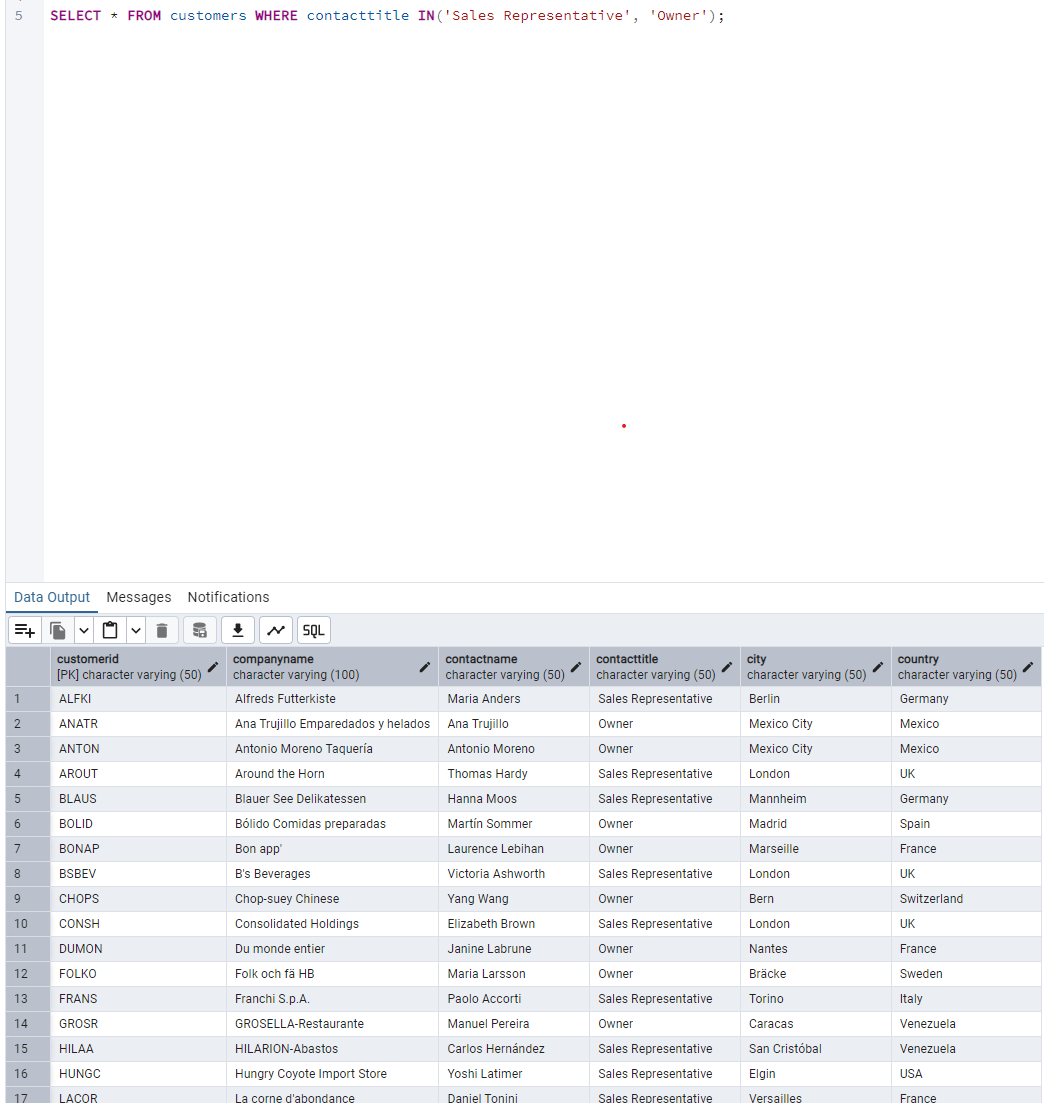


Retrieve orders starting from the 11th order, fetching 10 rows (i.e., fetch rows 11-20).

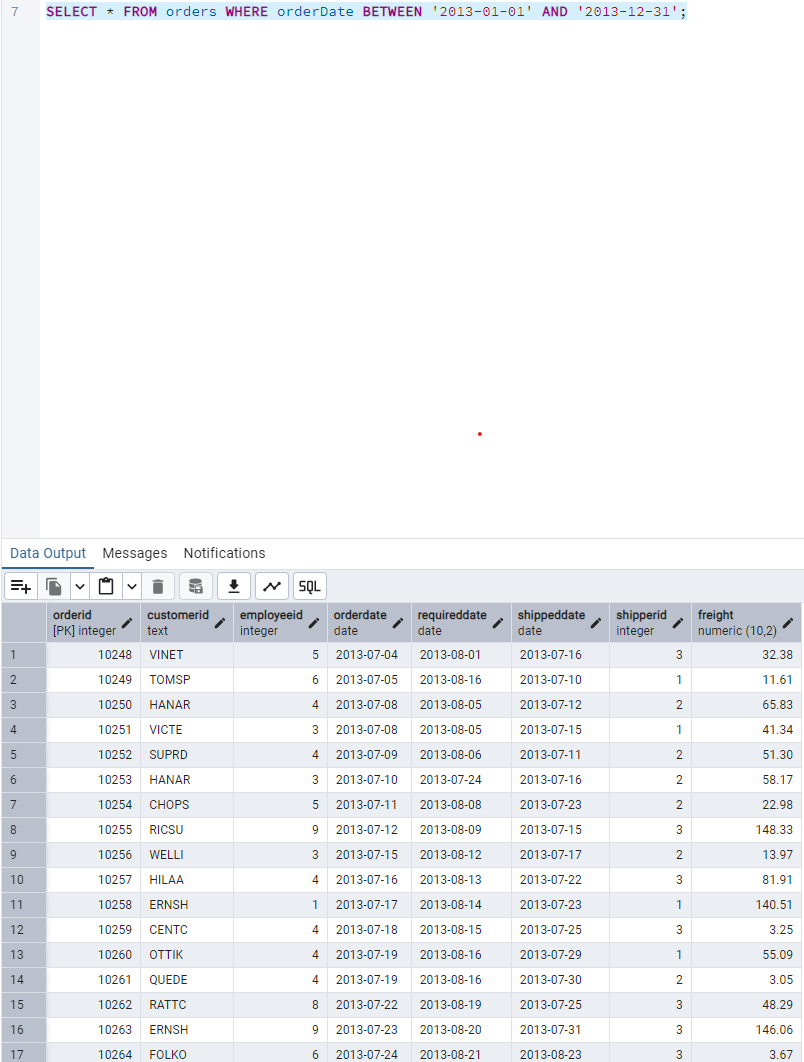


6) Filtering (IN, BETWEEN)

List all customers who are either Sales Representative, Owner

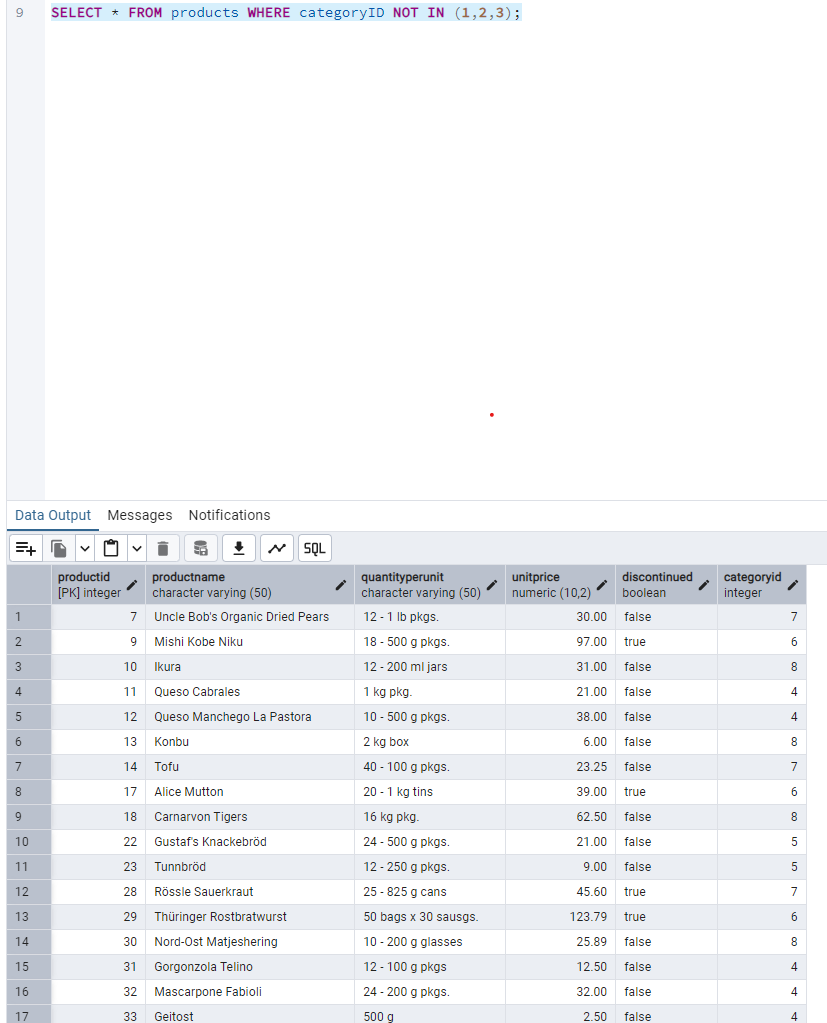


Retrieve orders placed between January 1, 2013, and December 31, 2013.

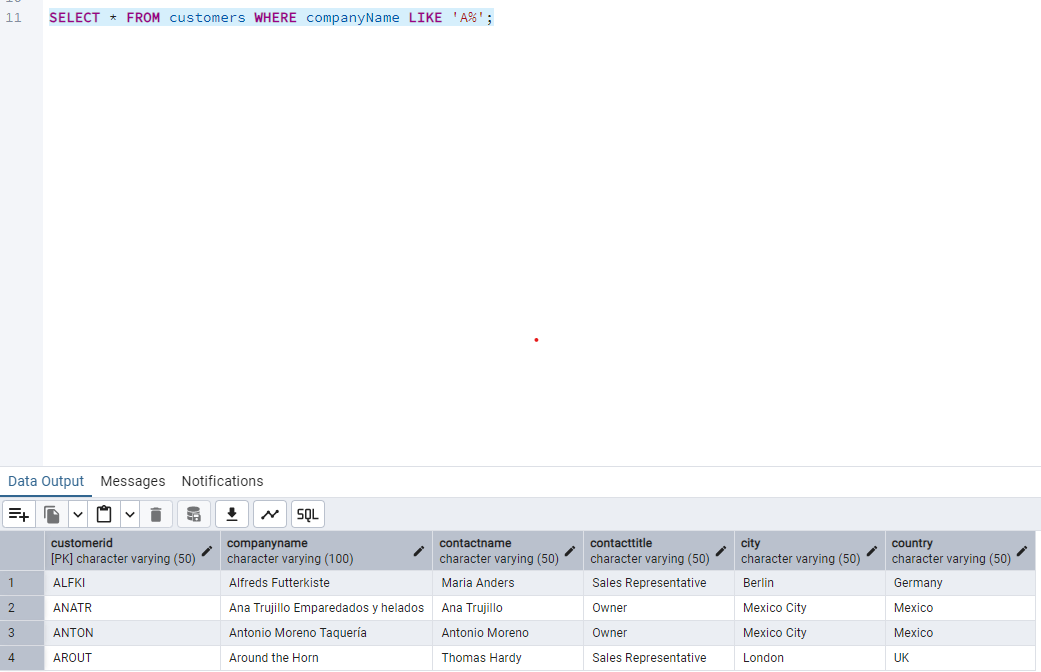


7) Filtering

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



Find customers whose company name starts with "A".



8) INSERT into orders table:

Task: Add a new order to the orders table with the following details:

Order ID: 11078

Customer ID: ALFKI

Employee ID: 5

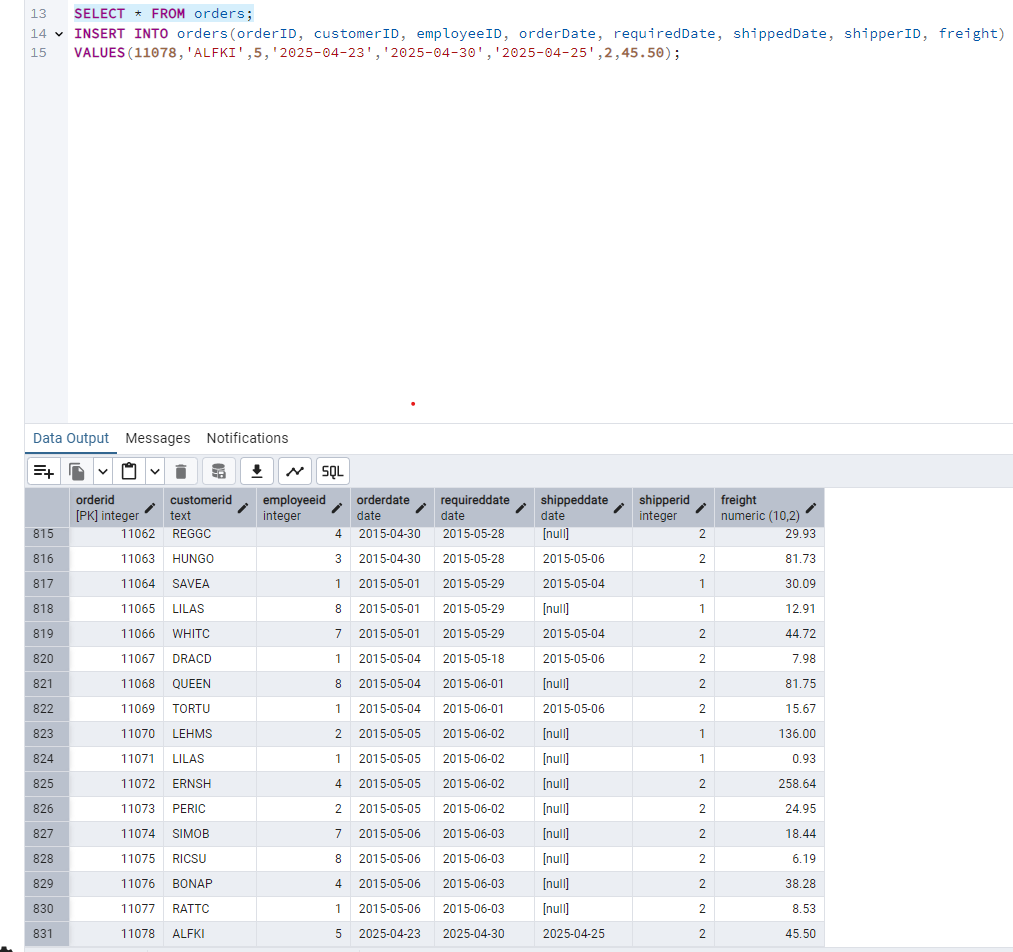
Order Date: 2025-04-23

Required Date: 2025-04-30

Shipped Date: 2025-04-25

shipperID:2

Freight: 45.50



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

(HINT: unit\_price =unit\_price \* 1.10)

