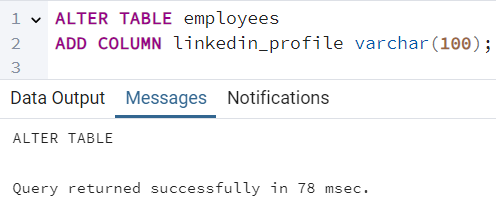
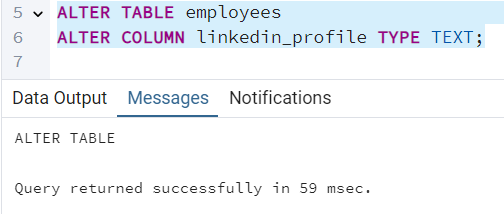
ALPA\_SQL\_BOOTCAMP\_APR2025\_DAY2

1. Alter table:

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



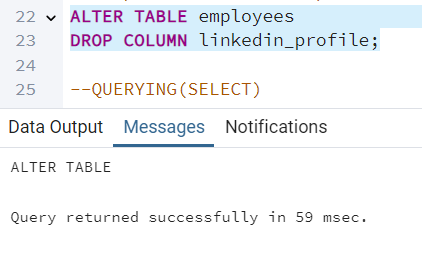
* Change the linkedin\_profile column data type from VARCHAR to TEXT.



* Add unique, not null constraint to linkedin\_profile

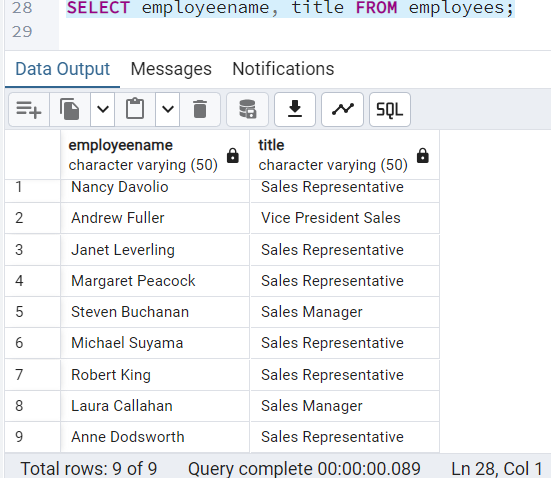


* Drop column linkedin\_profile

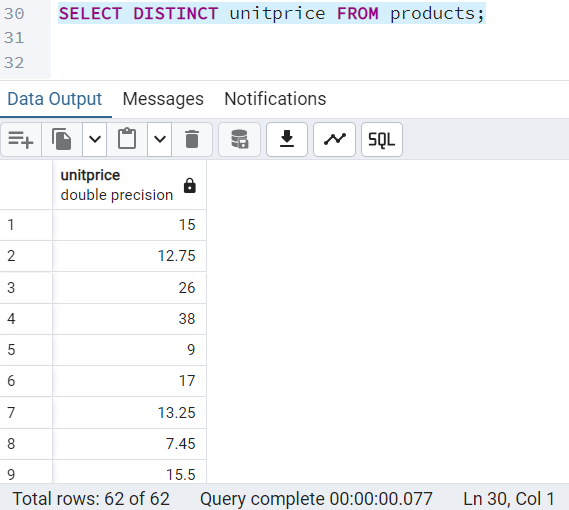


1. Querying (Select)

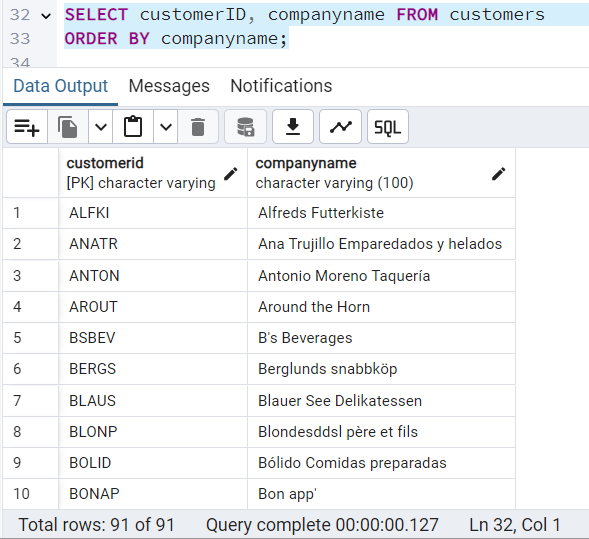
* Retrieve the first name, last name, and title of all employees



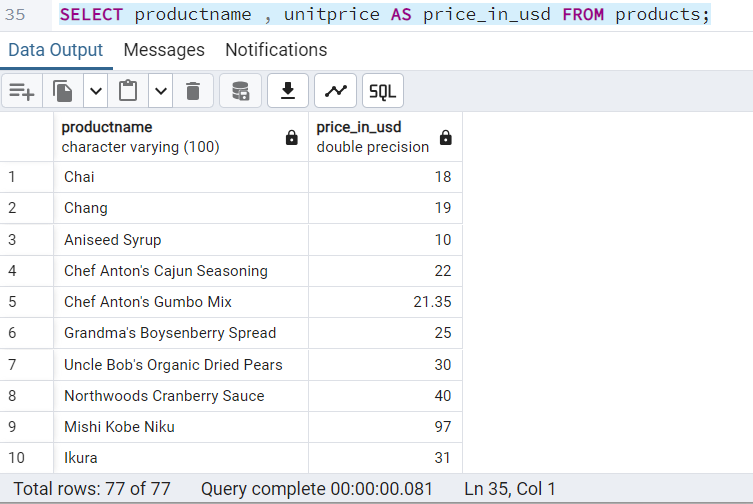
* Find all unique unit prices of products



* List all customers sorted by company name in ascending order

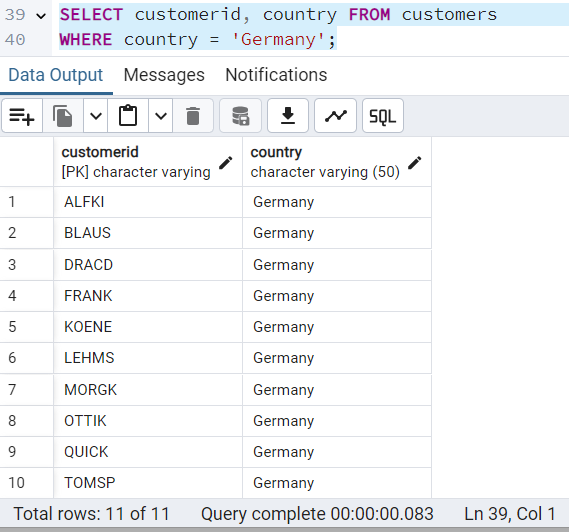


* Display product name and unit price, but rename the unit\_price column as price\_in\_usd

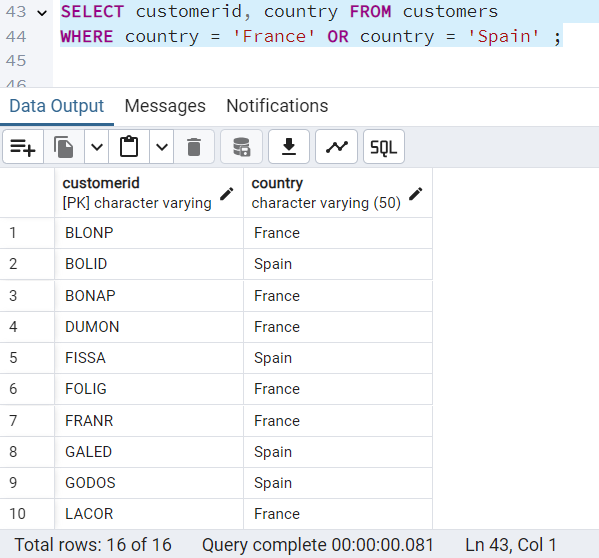


1. Filtering

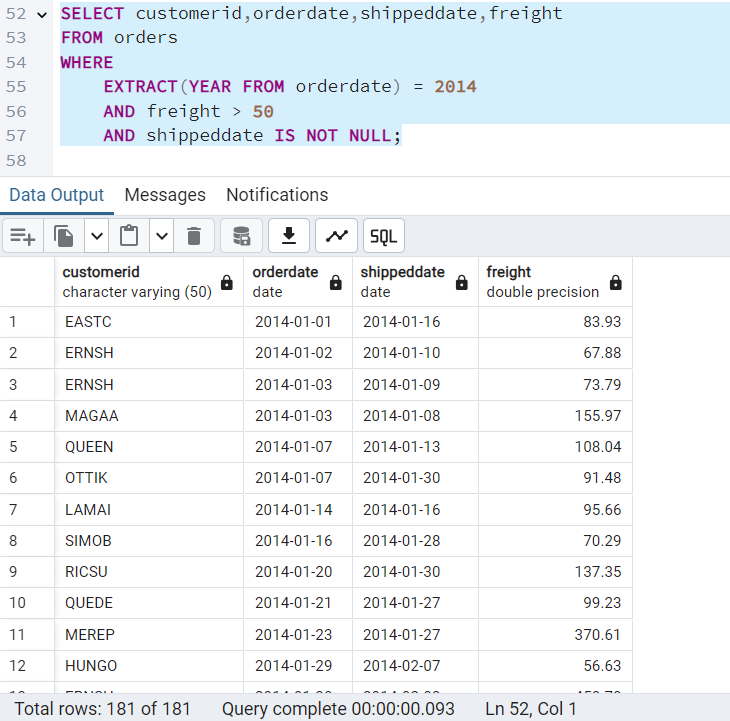
* Get all customers from Germany.



* Find all customers from France or Spain

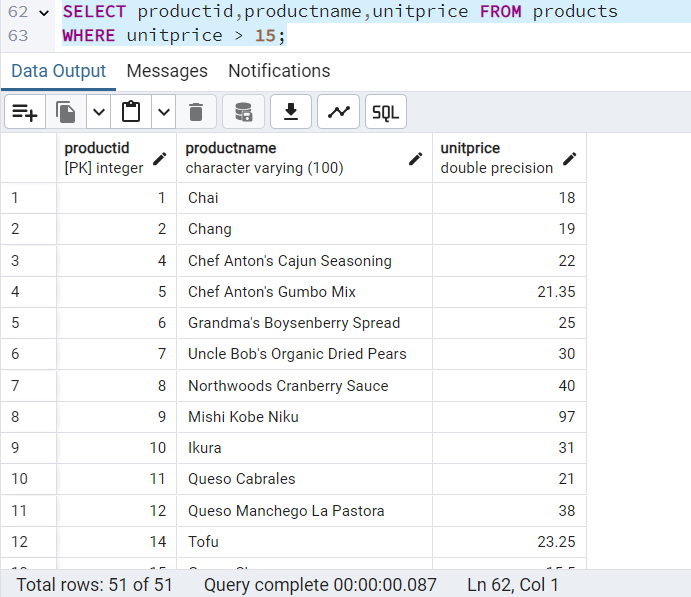


* Retrieve all orders placed in 2014(based on order\_date), and either have freight greater than 50 or the shipped date available (i.e., non-NULL)  (Hint: EXTRACT(YEAR FROM order\_date))

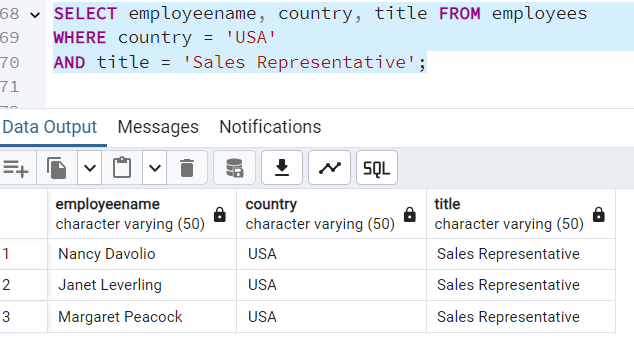


1. Filtering

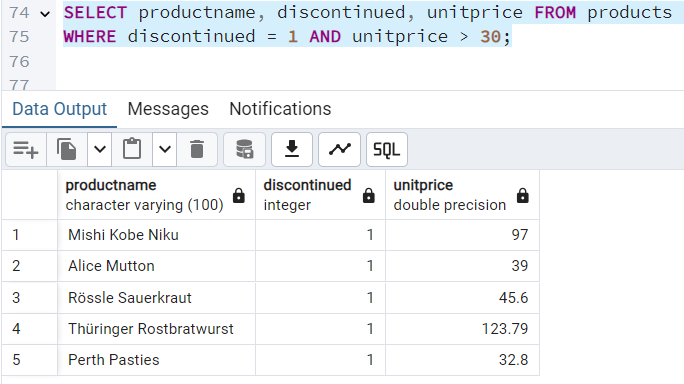
* Retrieve the product\_id, product\_name, and unit\_price of products where the unit\_price is greater than 15



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

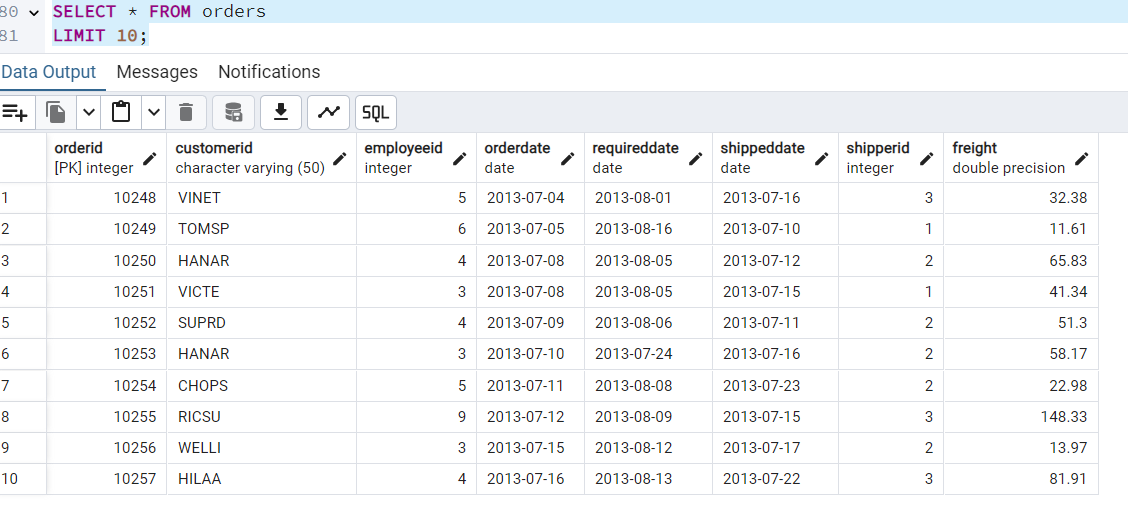


* Retrieve all products that are not discontinued and priced greater than 30.

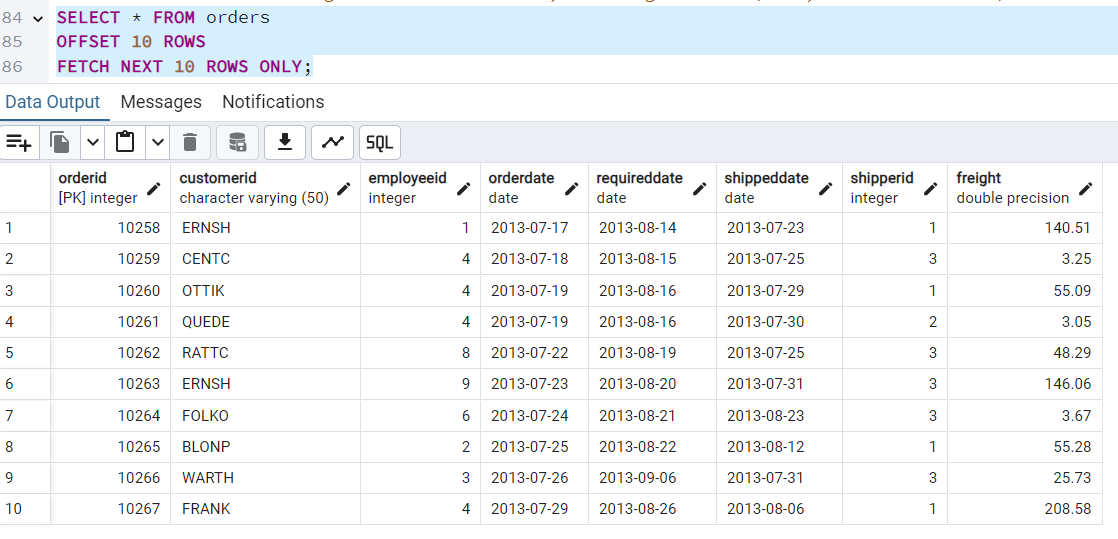


1. LIMIT/FETCH

* Retrieve the first 10 orders from the orders table.

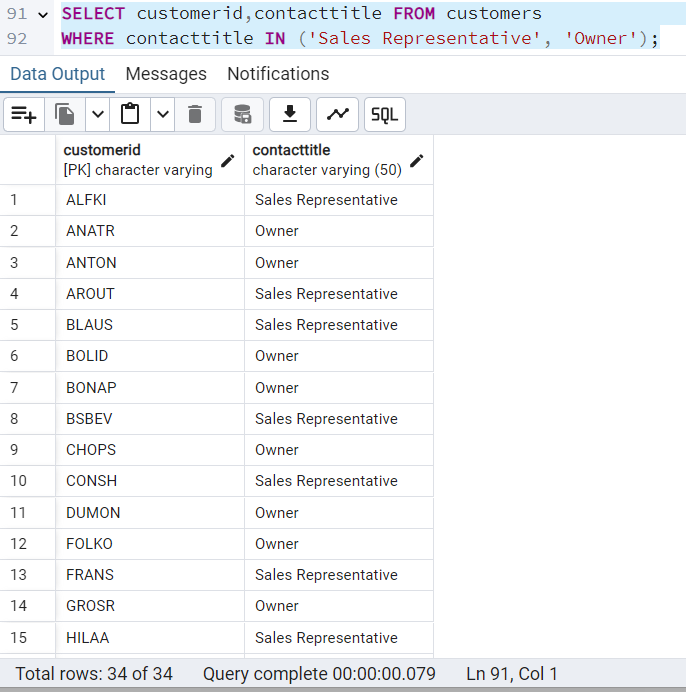


* Retrieve orders starting from the 11th order, fetching 10 rows (i.e., fetch rows 11-20).

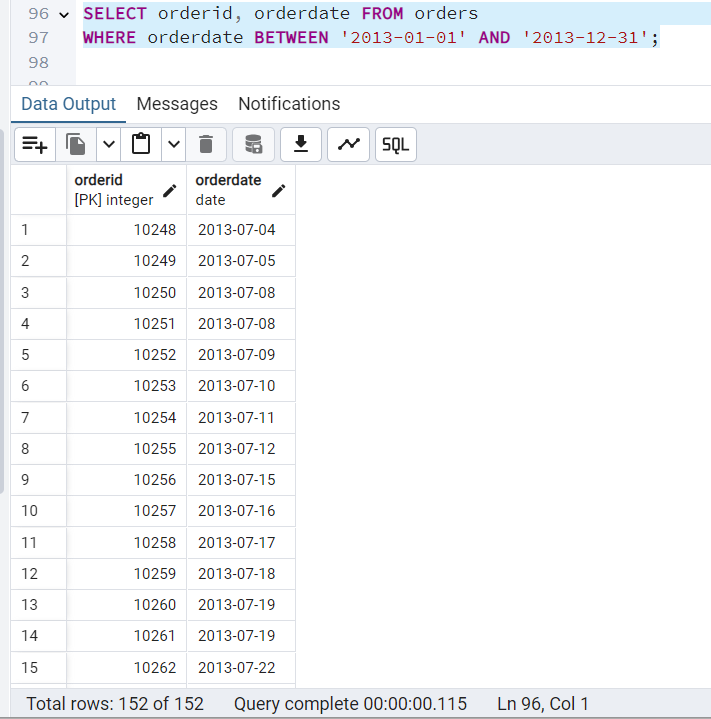


1. Filtering (IN, BETWEEN)

* List all customers who are either Sales Representative, Owner

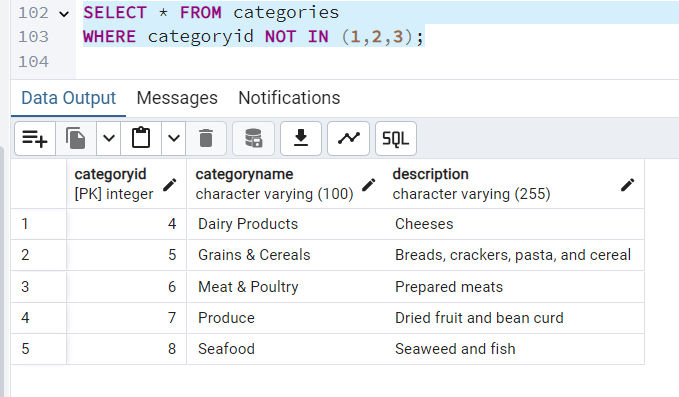


* Retrieve orders placed between January 1, 2013, and December 31, 2013.

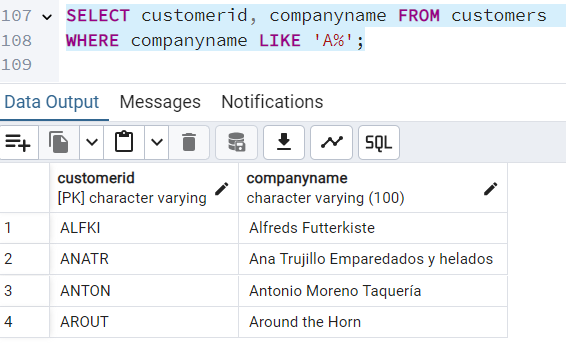


1. Filtering

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



* Find customers whose company name starts with "A".



1. 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

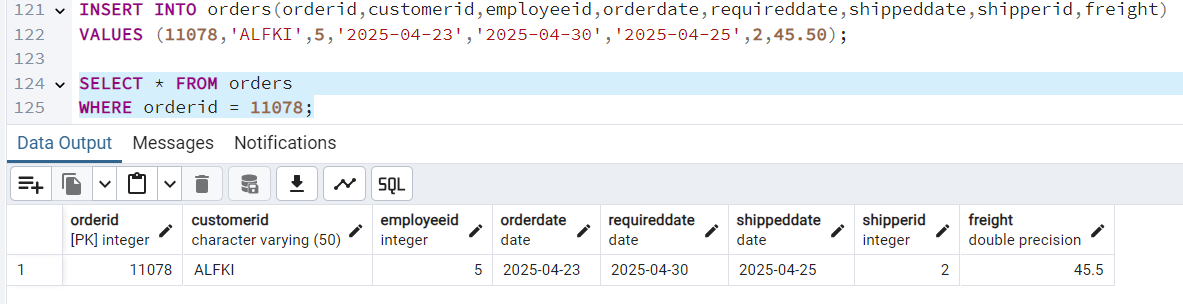
Order Date: 2025-04-23

Required Date: 2025-04-30

Shipped Date: 2025-04-25

shipperID:2

Freight: 45.50



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

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

