**Query # 01**

SELECT 'category' AS 'TABLE\_NAME', COUNT(\*) AS 'ROW\_COUNT' FROM category UNION ALL

SELECT 'customer', COUNT(\*) FROM customer UNION ALL

SELECT 'department', COUNT(\*) FROM department UNION ALL

SELECT 'order\_line', COUNT(\*) FROM order\_line UNION ALL

SELECT 'orders', COUNT(\*) FROM orders UNION ALL

SELECT 'product', COUNT(\*) FROM product;



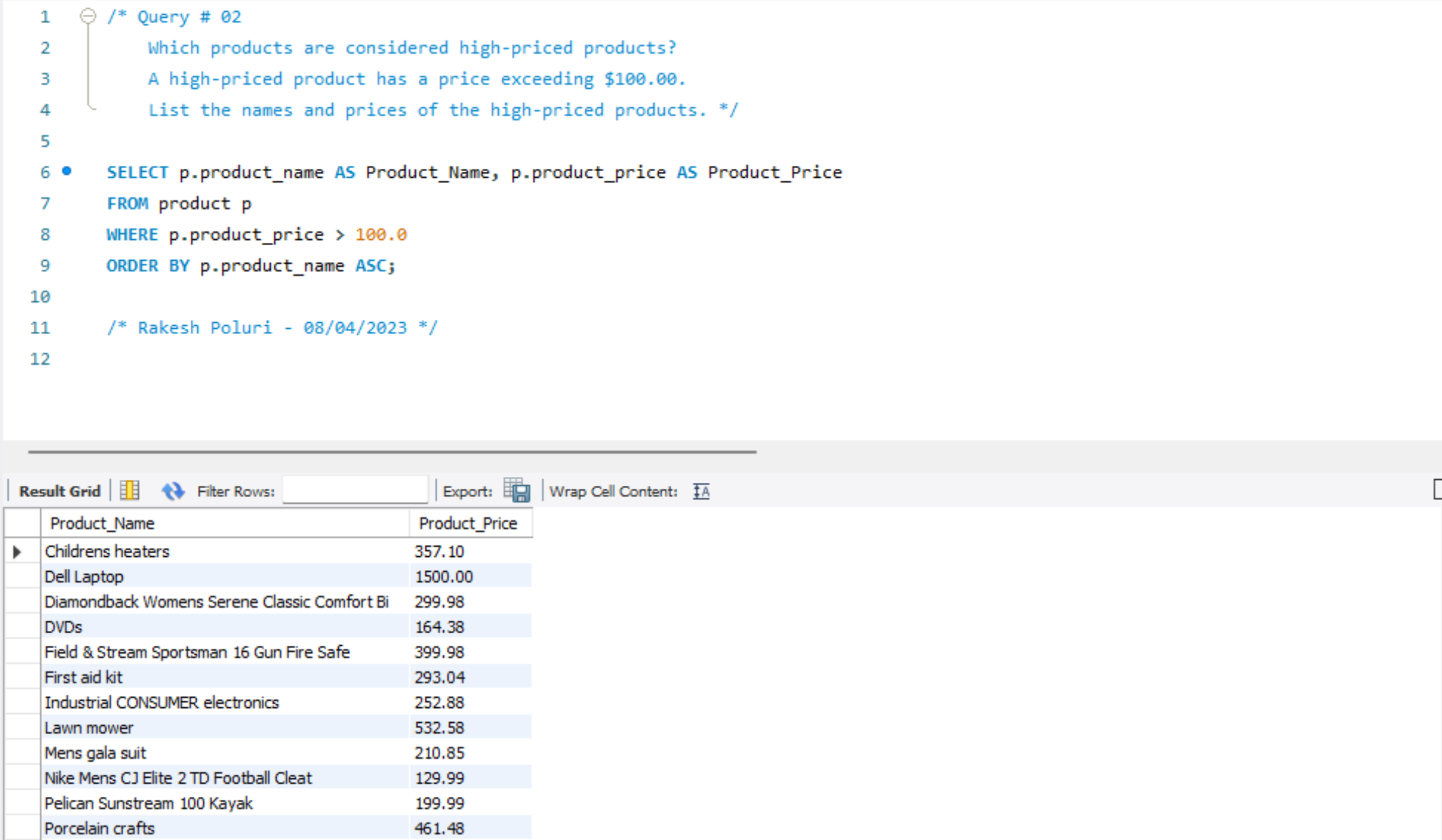
**Query # 02**

SELECT p.product\_name AS Product\_Name, p.product\_price AS Product\_Price

FROM product p

WHERE p.product\_price > 100.0

ORDER BY p.product\_name ASC;



**Query # 03**

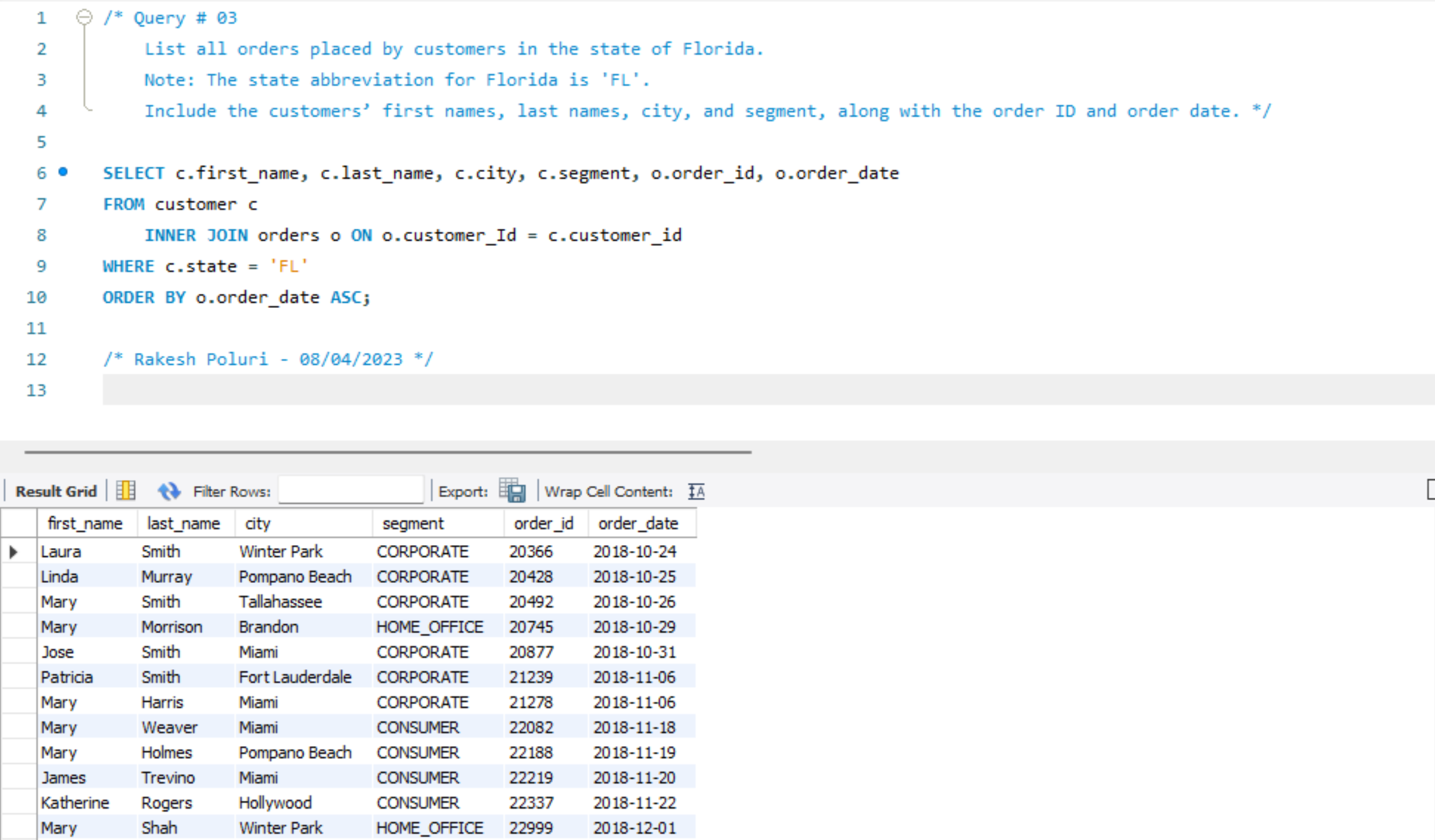
SELECT c.first\_name, c.last\_name, c.city, c.segment, o.order\_id, o.order\_date

FROM customer c

INNER JOIN orders o ON o.customer\_Id = c.customer\_id

WHERE c.state = 'FL'

ORDER BY o.order\_date ASC;



**Query # 04**

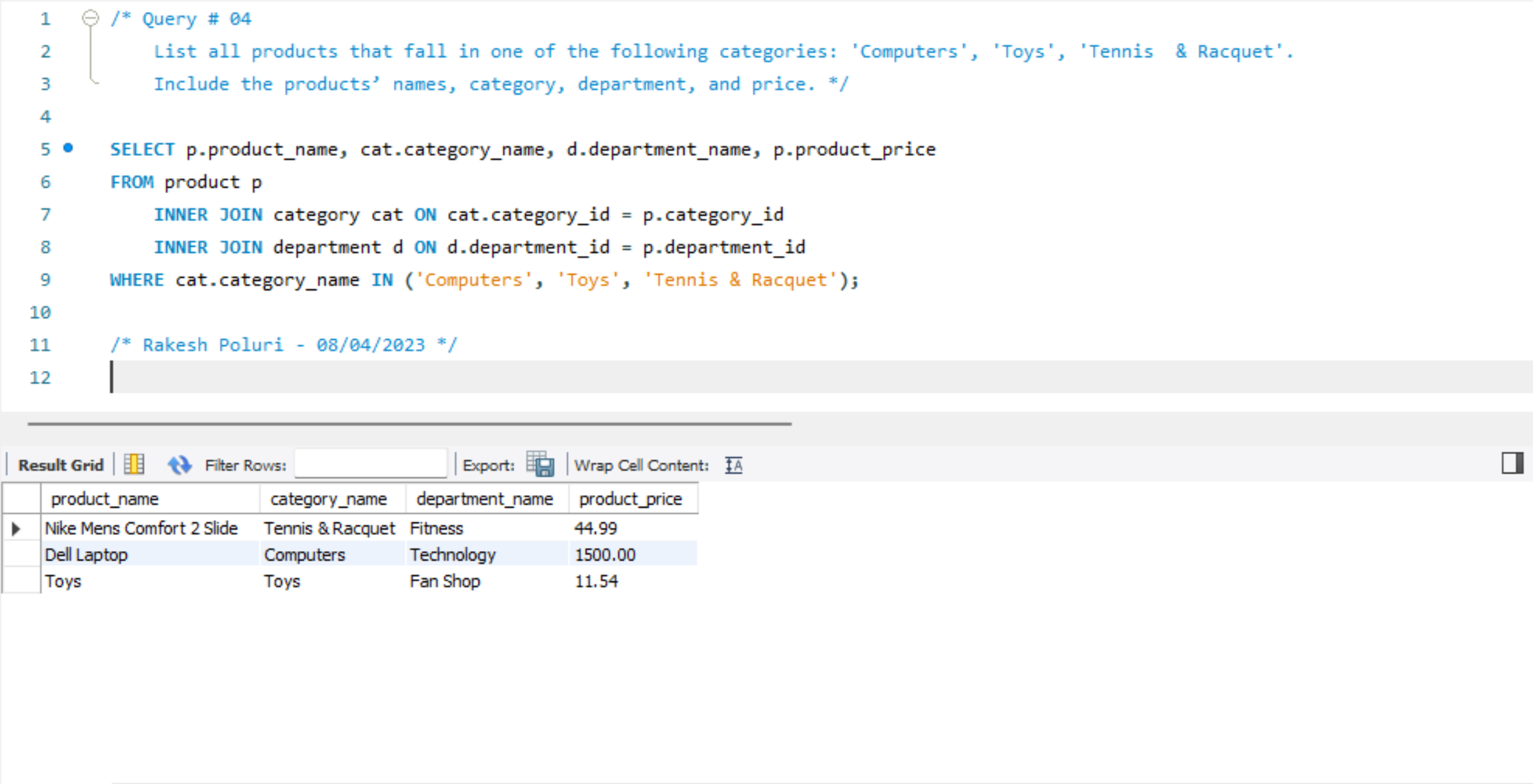
SELECT p.product\_name, cat.category\_name, d.department\_name, p.product\_price

FROM product p

INNER JOIN category cat ON cat.category\_id = p.category\_id

INNER JOIN department d ON d.department\_id = p.department\_id

WHERE cat.category\_name IN ('Computers', 'Toys', 'Tennis & Racquet');



**Query # 05**

SELECT p.product\_name, cat.category\_name, d.department\_name

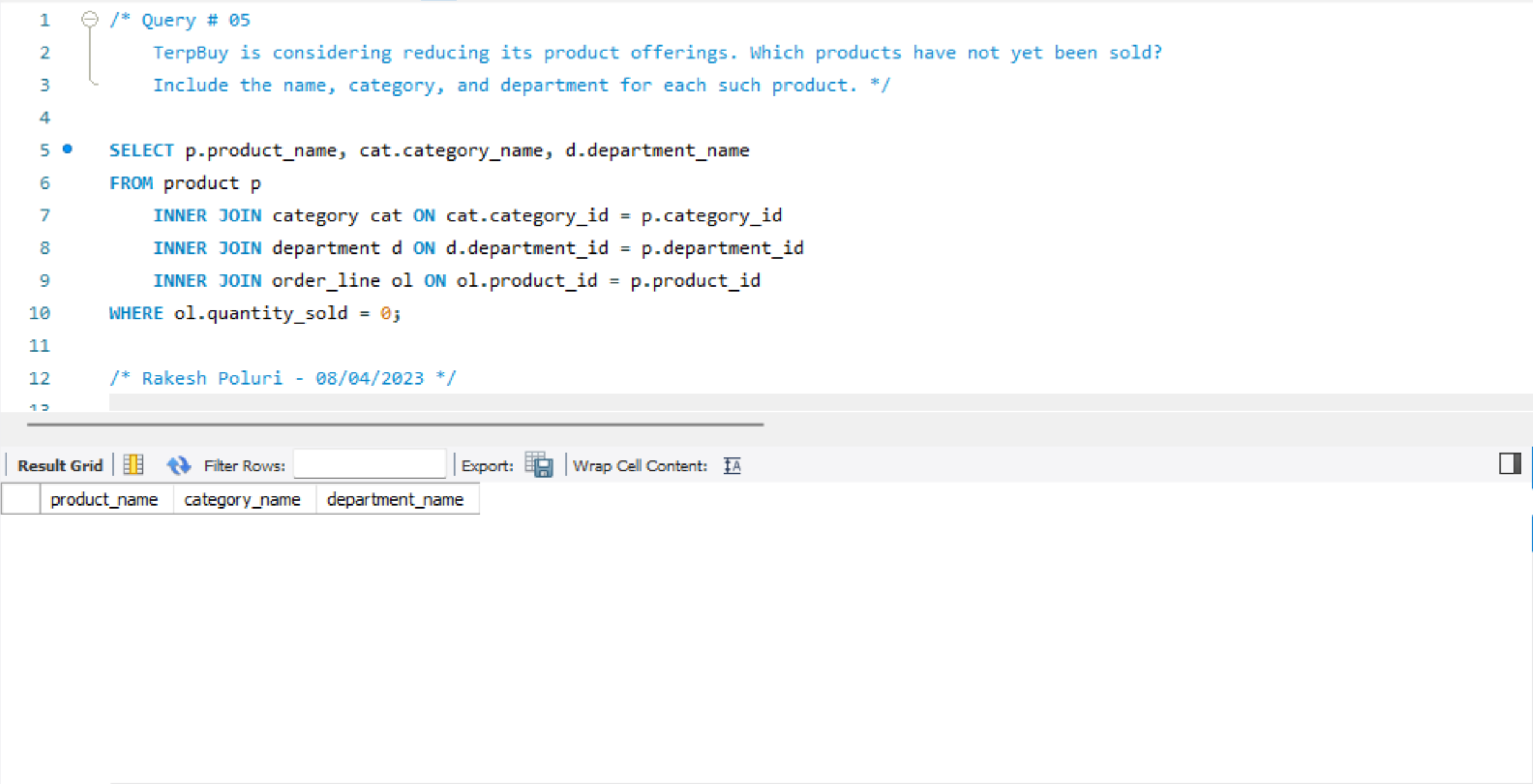
FROM product p

INNER JOIN category cat ON cat.category\_id = p.category\_id

INNER JOIN department d ON d.department\_id = p.department\_id

INNER JOIN order\_line ol ON ol.product\_id = p.product\_id

WHERE ol.quantity\_sold = 0;



**Query # 06**

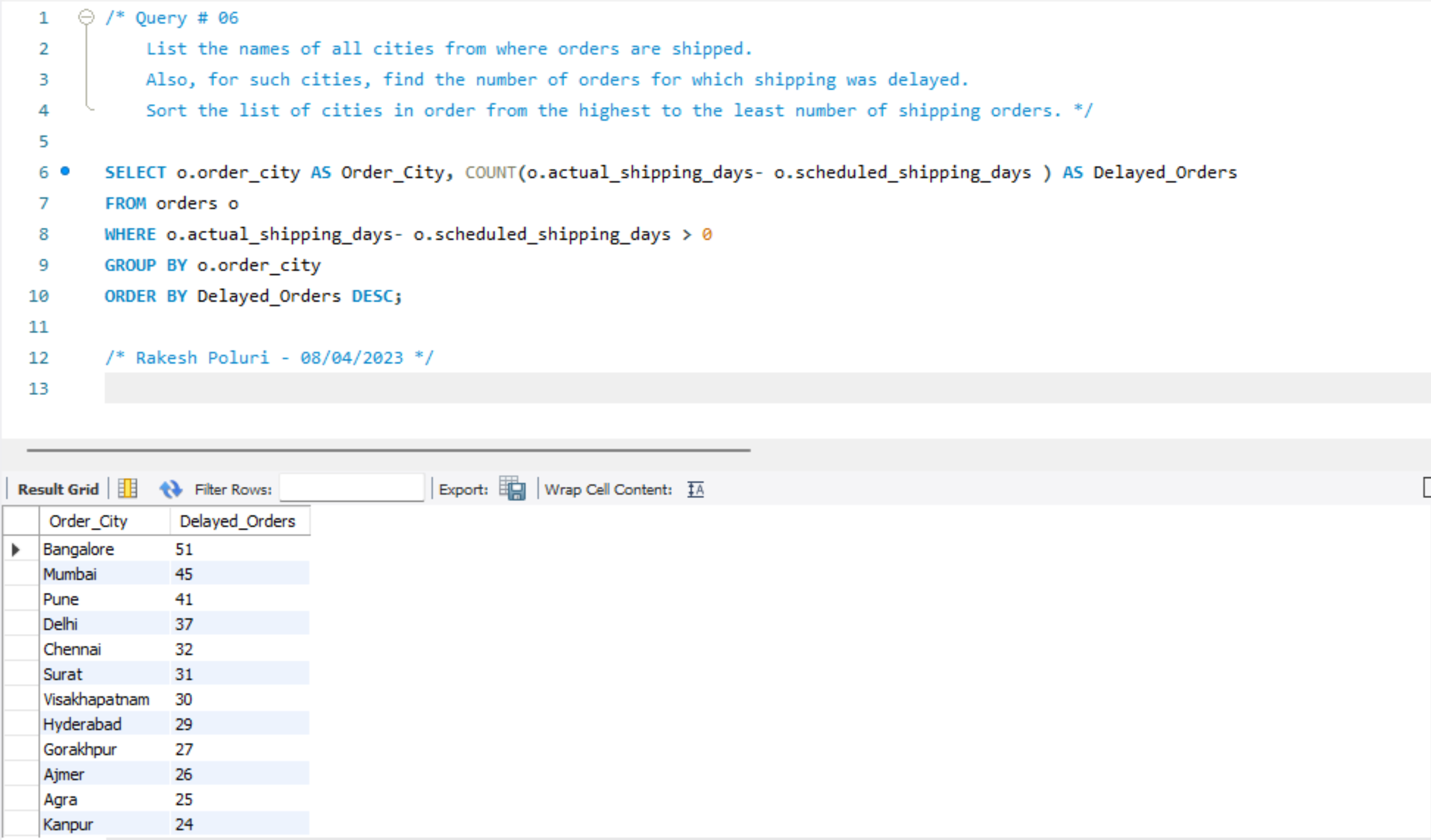
SELECT o.order\_city AS Order\_City, COUNT(o.actual\_shipping\_days- o.scheduled\_shipping\_days ) AS Delayed\_Orders

FROM orders o

WHERE o.actual\_shipping\_days- o.scheduled\_shipping\_days > 0

GROUP BY o.order\_city

ORDER BY Delayed\_Orders DESC;



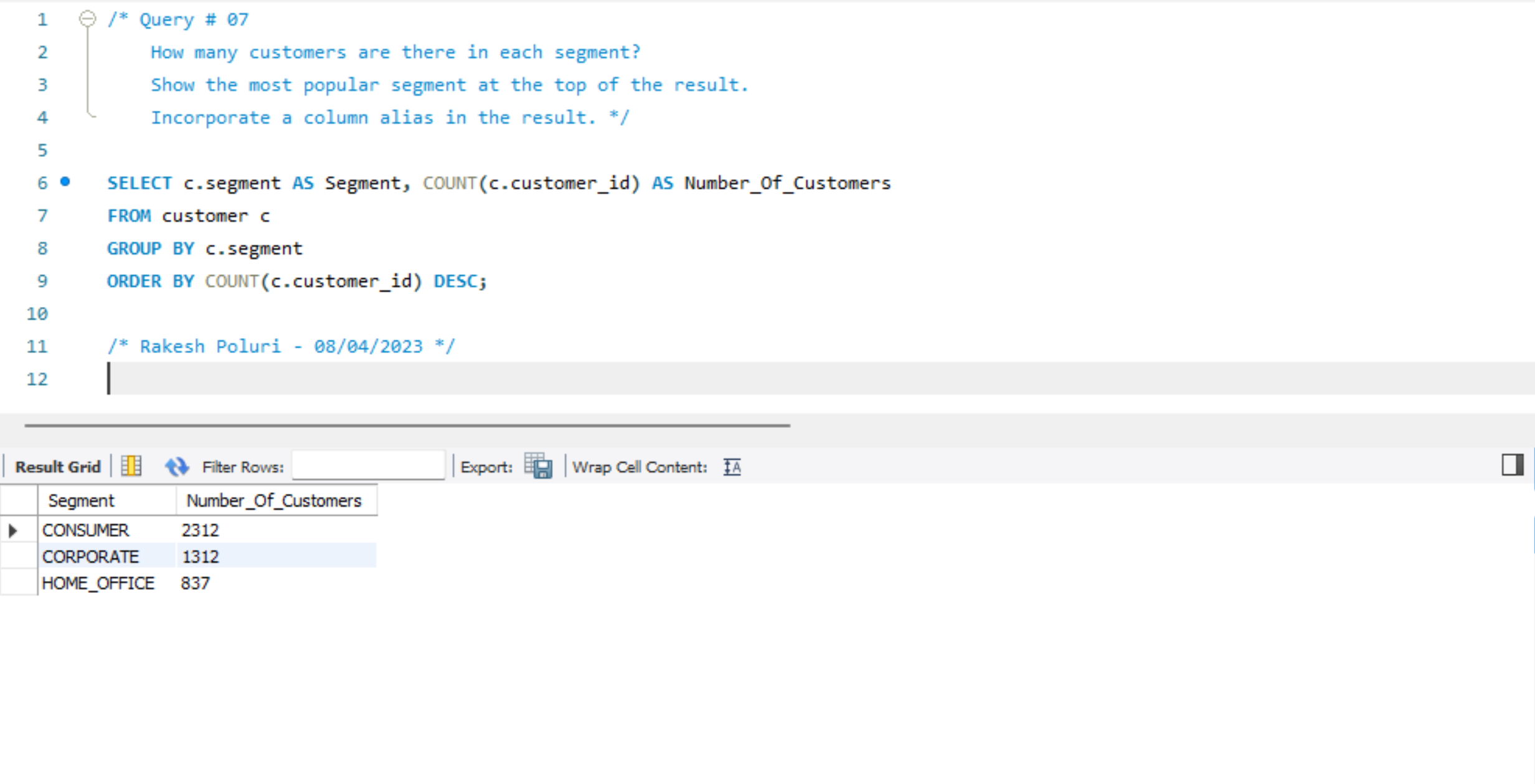
**Query # 07**

SELECT c.segment AS Segment, COUNT(c.customer\_id) AS Number\_Of\_Customers

FROM customer c

GROUP BY c.segment

ORDER BY COUNT(c.customer\_id) DESC;



**Query # 08**

SELECT COUNT(o.order\_date) as 'Number of Orders in 1st Quarter of 2021'

FROM orders o

WHERE YEAR(o.order\_date) = 2021 AND QUARTER(o.order\_date) = 1;



**Query # 09**

SELECT c.state AS State, COUNT(DISTINCT c.segment) AS Count\_Of\_Segments

FROM customer c

GROUP BY c.state

HAVING COUNT(DISTINCT c.segment) > 1

ORDER BY c.state ASC;



**Query # 10**

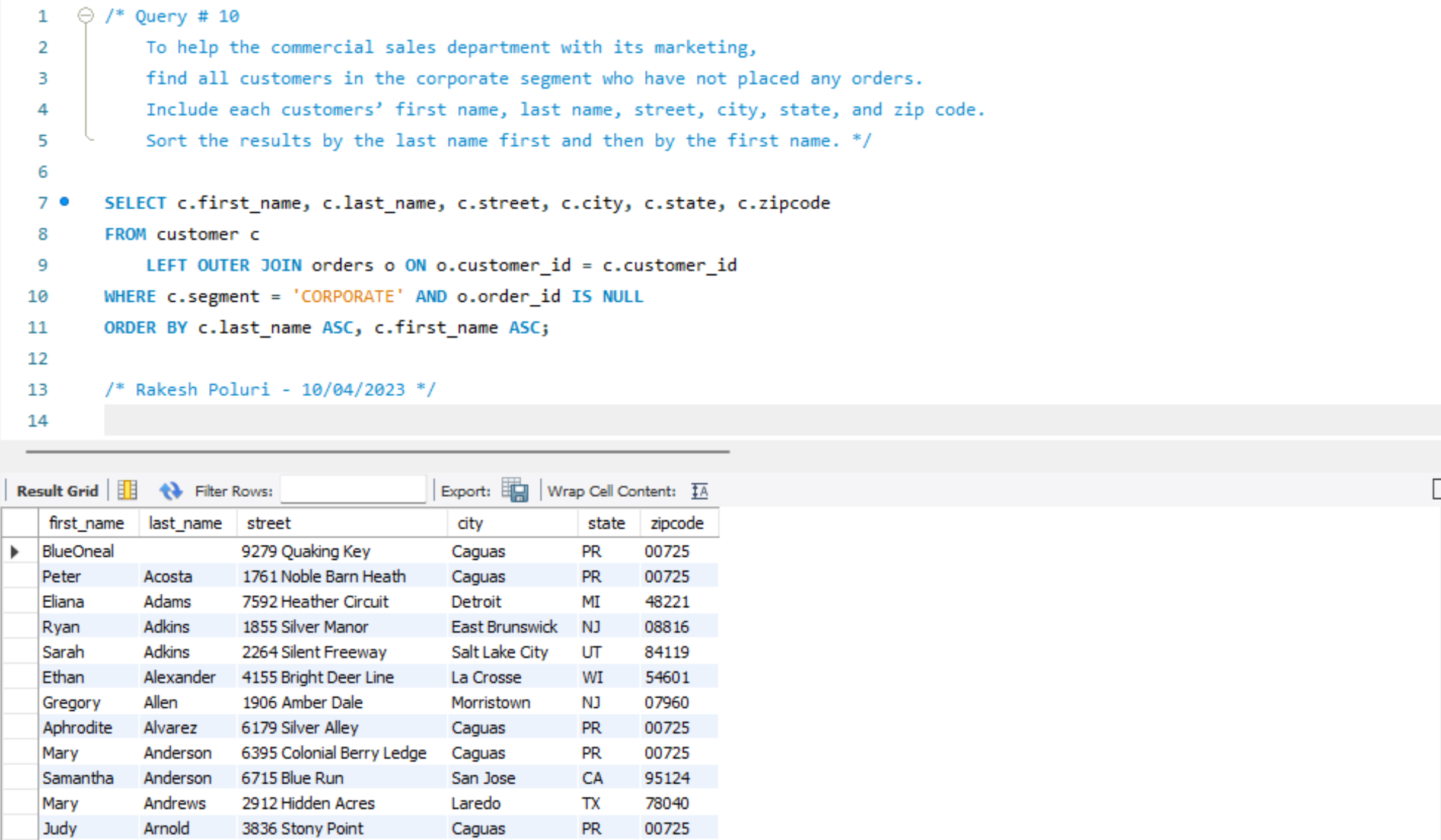
SELECT c.first\_name, c.last\_name, c.street, c.city, c.state, c.zipcode

FROM customer c

LEFT OUTER JOIN orders o ON o.customer\_id = c.customer\_id

WHERE c.segment = 'CORPORATE' AND o.order\_id IS NULL

ORDER BY c.last\_name ASC, c.first\_name ASC;



**Query # 11**

SELECT DISTINCT c.first\_name, c.last\_name, c.street, c.state, c.zipcode, MAX(o.order\_date) AS order\_date

FROM order\_line AS ol

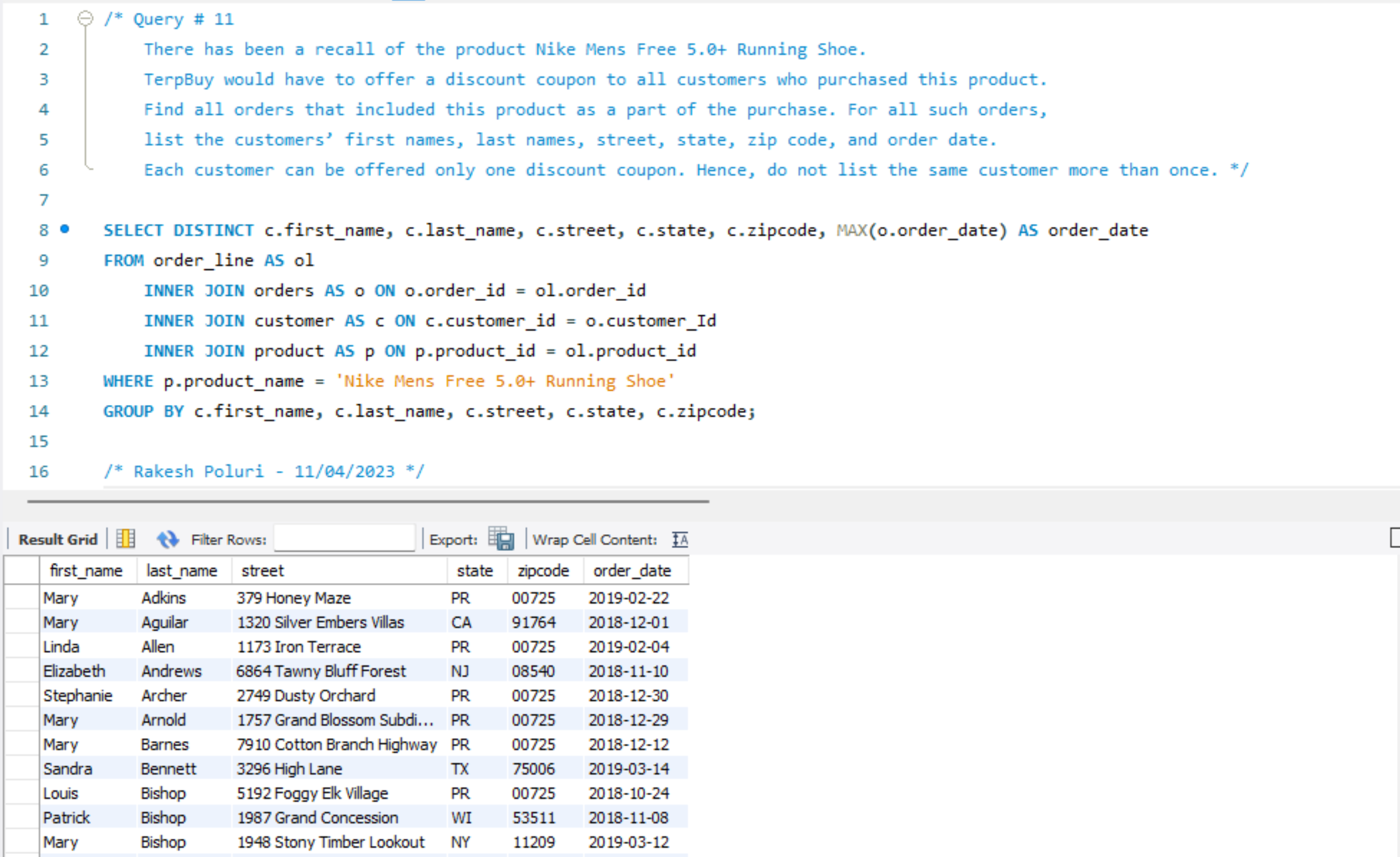
INNER JOIN orders AS o ON o.order\_id = ol.order\_id

INNER JOIN customer AS c ON c.customer\_id = o.customer\_Id

INNER JOIN product AS p ON p.product\_id = ol.product\_id

WHERE p.product\_name = 'Nike Mens Free 5.0+ Running Shoe'

GROUP BY c.first\_name, c.last\_name, c.street, c.state, c.zipcode;



**Query # 12**

SELECT c.first\_name, c.last\_name, ol.total\_price

FROM orders o

INNER JOIN order\_line ol ON ol.order\_id = o.order\_id

INNER JOIN customer c ON c.customer\_id = o.customer\_Id

WHERE ol.total\_price > (

SELECT AVG(ol.total\_price)

FROM order\_line ol

);

