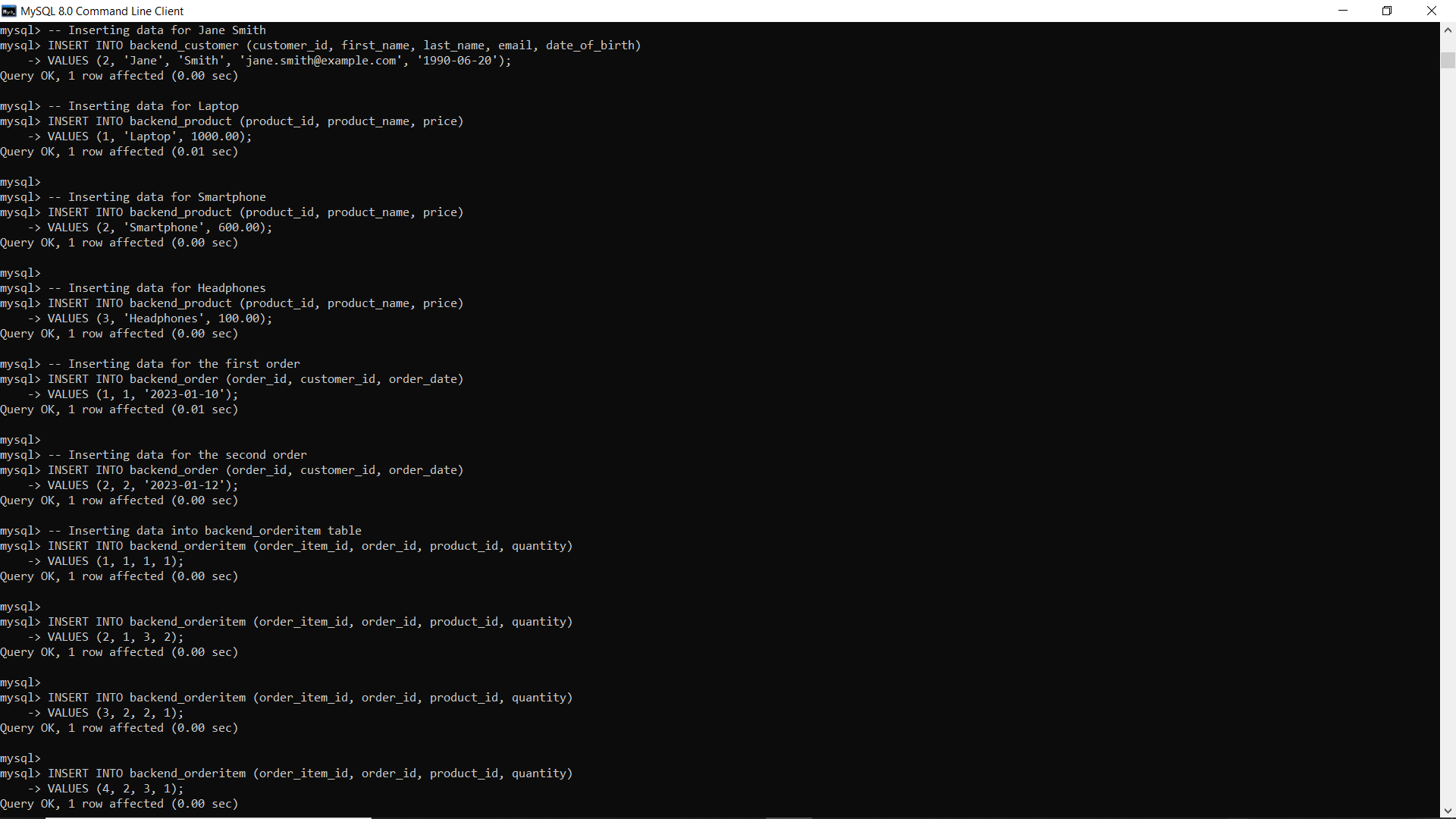
SAFERTEK BACKEND WITH ALL QUERIES AND OUTPUT SCREENSHOTS

2100030888

M.N.D.Praveen

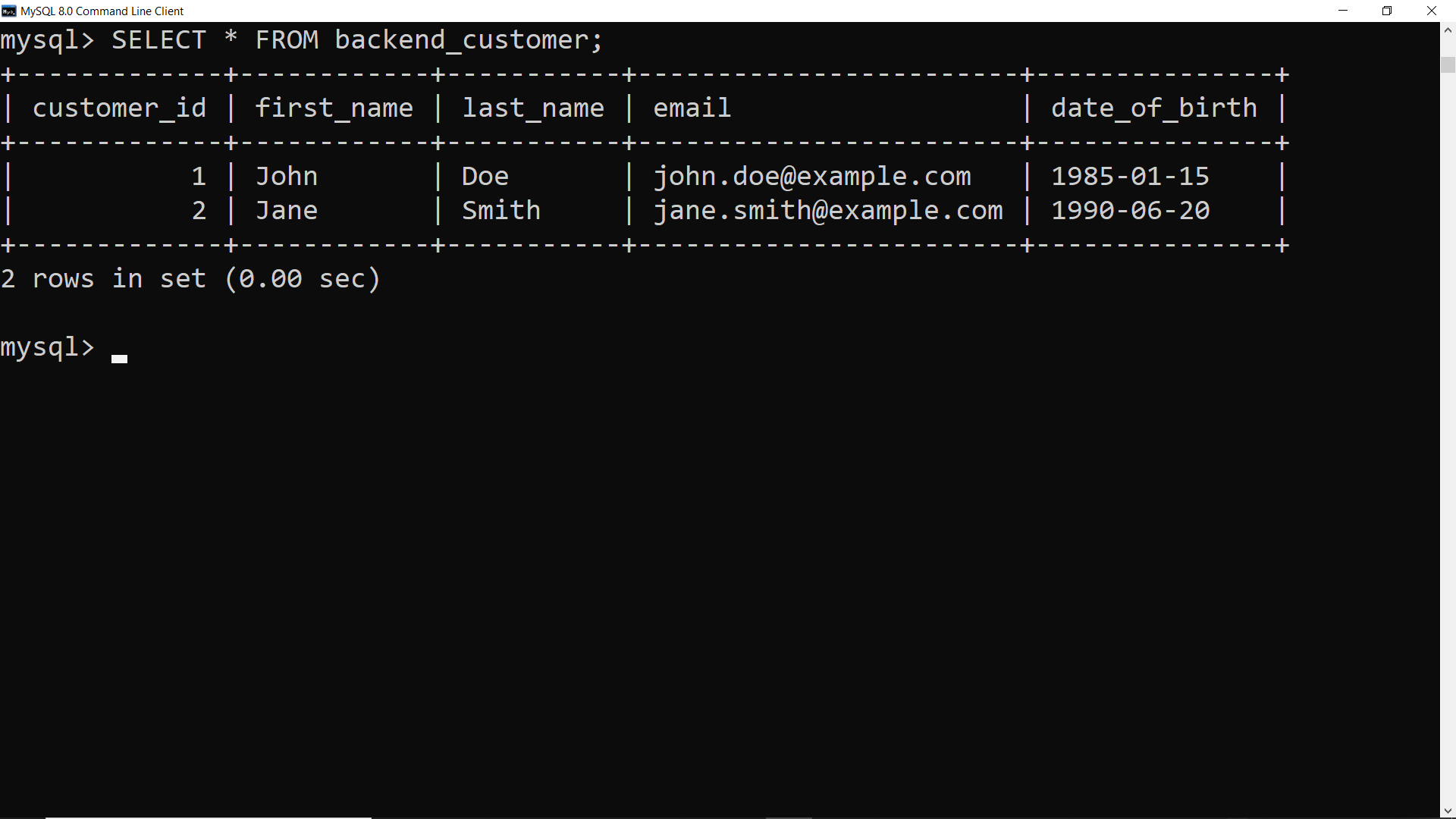
INSERTING DATA



**ALL Queries**

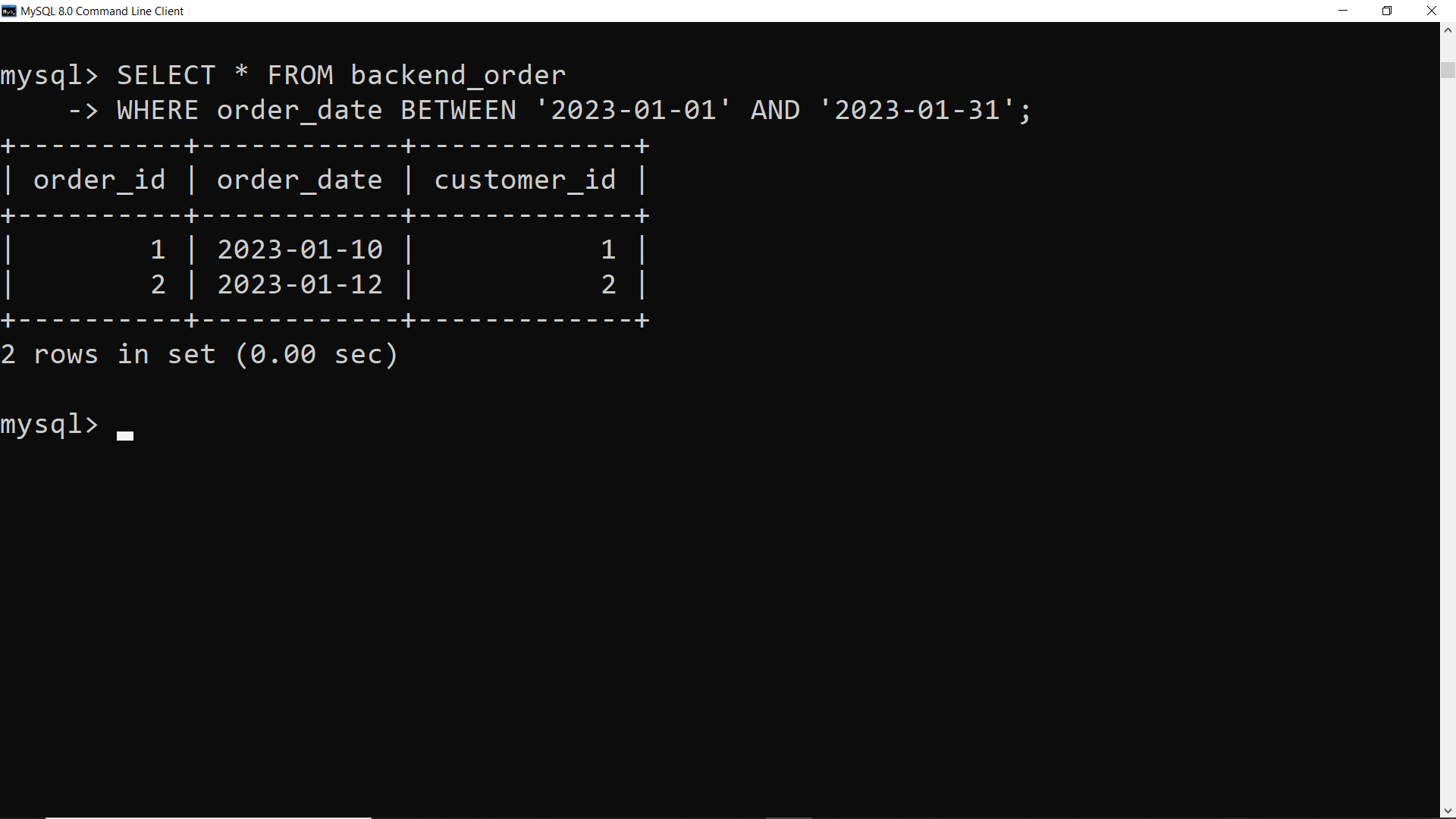
1 = >

SELECT \* FROM backend\_customer;



2 = >

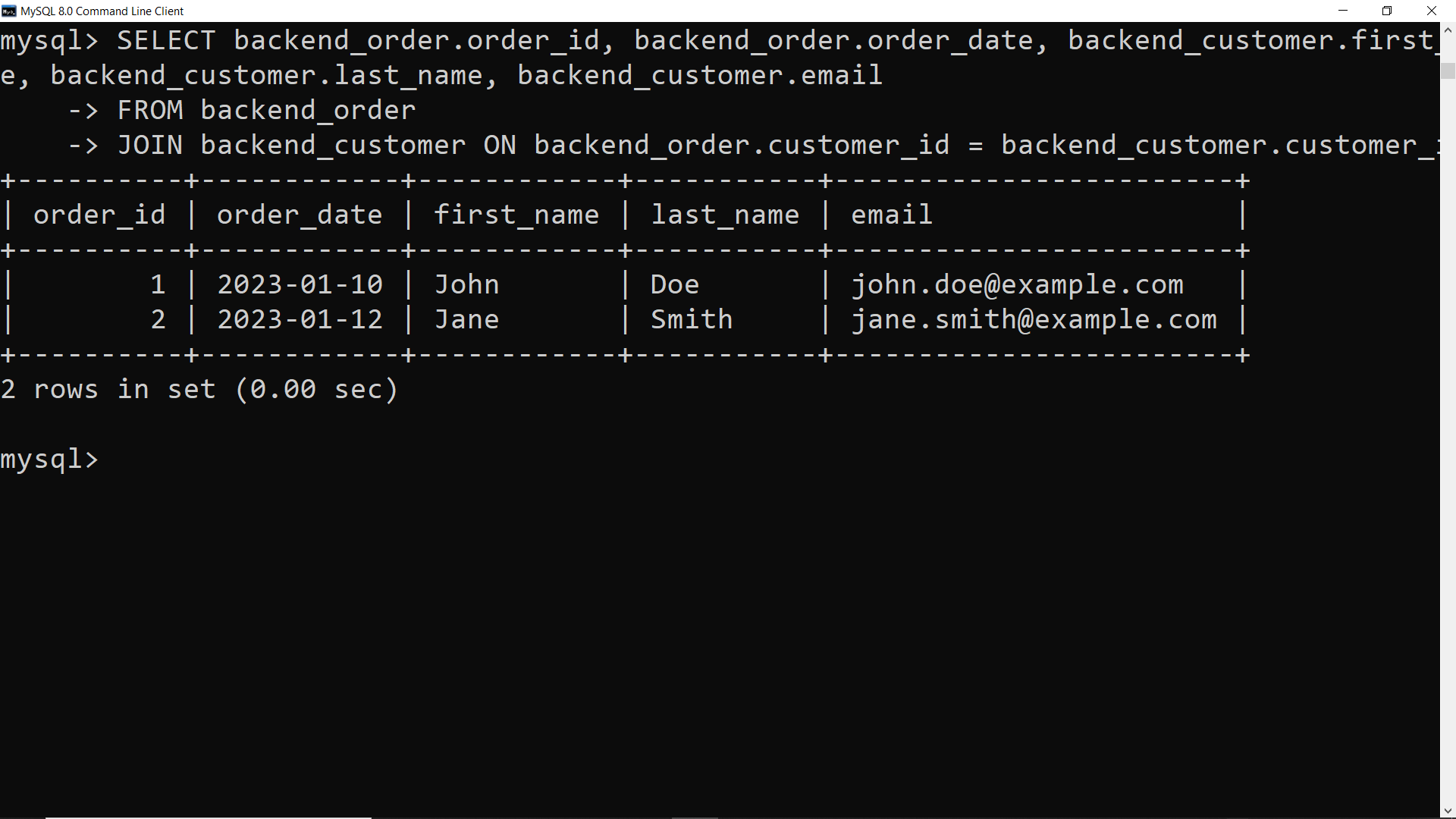
SELECT \* FROM backend\_order WHERE order\_date BETWEEN '2023-01-01' AND '2023-01-31';



3 = >

SELECT backend\_order.order\_id, backend\_order.order\_date, backend\_customer.first\_name, backend\_customer.last\_name, backend\_customer.email

FROM backend\_order

JOIN backend\_customer ON backend\_order.customer\_id = backend\_customer.customer\_id;  


4 = >

SELECT backend\_customer.customer\_id, backend\_customer.first\_name, backend\_customer.last\_name,

SUM(backend\_product.price \* backend\_orderitem.quantity) AS TotalSpent

FROM backend\_customer

JOIN backend\_order ON backend\_customer.customer\_id = backend\_order.customer\_id

JOIN backend\_orderitem ON backend\_order.order\_id = backend\_orderitem.order\_id

JOIN backend\_product ON backend\_orderitem.product\_id = backend\_product.product\_id

GROUP BY backend\_customer.customer\_id, backend\_customer.first\_name, backend\_customer.last\_name;  
A screenshot of a computer screen

Description automatically generated

5 = >

SELECT backend\_customer.customer\_id, backend\_customer.first\_name, backend\_customer.last\_name,

SUM(backend\_product.price \* backend\_orderitem.quantity) AS TotalSpent

FROM backend\_customer

JOIN backend\_order ON backend\_customer.customer\_id = backend\_order.customer\_id

JOIN backend\_orderitem ON backend\_order.order\_id = backend\_orderitem.order\_id

JOIN backend\_product ON backend\_orderitem.product\_id = backend\_product.product\_id

GROUP BY backend\_customer.customer\_id, backend\_customer.first\_name, backend\_customer.last\_name;

A screenshot of a computer screen

Description automatically generated

6= >

SELECT backend\_product.product\_id, backend\_product.product\_name,

SUM(backend\_orderitem.quantity) AS TotalOrdered

FROM backend\_orderitem

JOIN backend\_product ON backend\_orderitem.product\_id = backend\_product.product\_id

GROUP BY backend\_product.product\_id, backend\_product.product\_name

ORDER BY TotalOrdered DESC

LIMIT 1;

A screenshot of a computer screen

Description automatically generated

7=>

SELECT DATE\_FORMAT(order\_date, '%Y-%m') AS Month,

COUNT(\*) AS TotalOrders,

SUM(backend\_product.price \* backend\_orderitem.quantity) AS TotalSales

FROM backend\_order

JOIN backend\_orderitem ON backend\_order.order\_id = backend\_orderitem.order\_id

JOIN backend\_product ON backend\_orderitem.product\_id = backend\_product.product\_id

WHERE YEAR(order\_date) = 2023

GROUP BY Month;

A computer screen shot of a black screen

Description automatically generated

8=>

SELECT backend\_customer.customer\_id, backend\_customer.first\_name, backend\_customer.last\_name,

SUM(backend\_product.price \* backend\_orderitem.quantity) AS TotalSpent

FROM backend\_customer

JOIN backend\_order ON backend\_customer.customer\_id = backend\_order.customer\_id

JOIN backend\_orderitem ON backend\_order.order\_id = backend\_orderitem.order\_id

JOIN backend\_product ON backend\_orderitem.product\_id = backend\_product.product\_id

GROUP BY backend\_customer.customer\_id, backend\_customer.first\_name, backend\_customer.last\_name

HAVING TotalSpent > 1000;

A screenshot of a computer screen

Description automatically generated