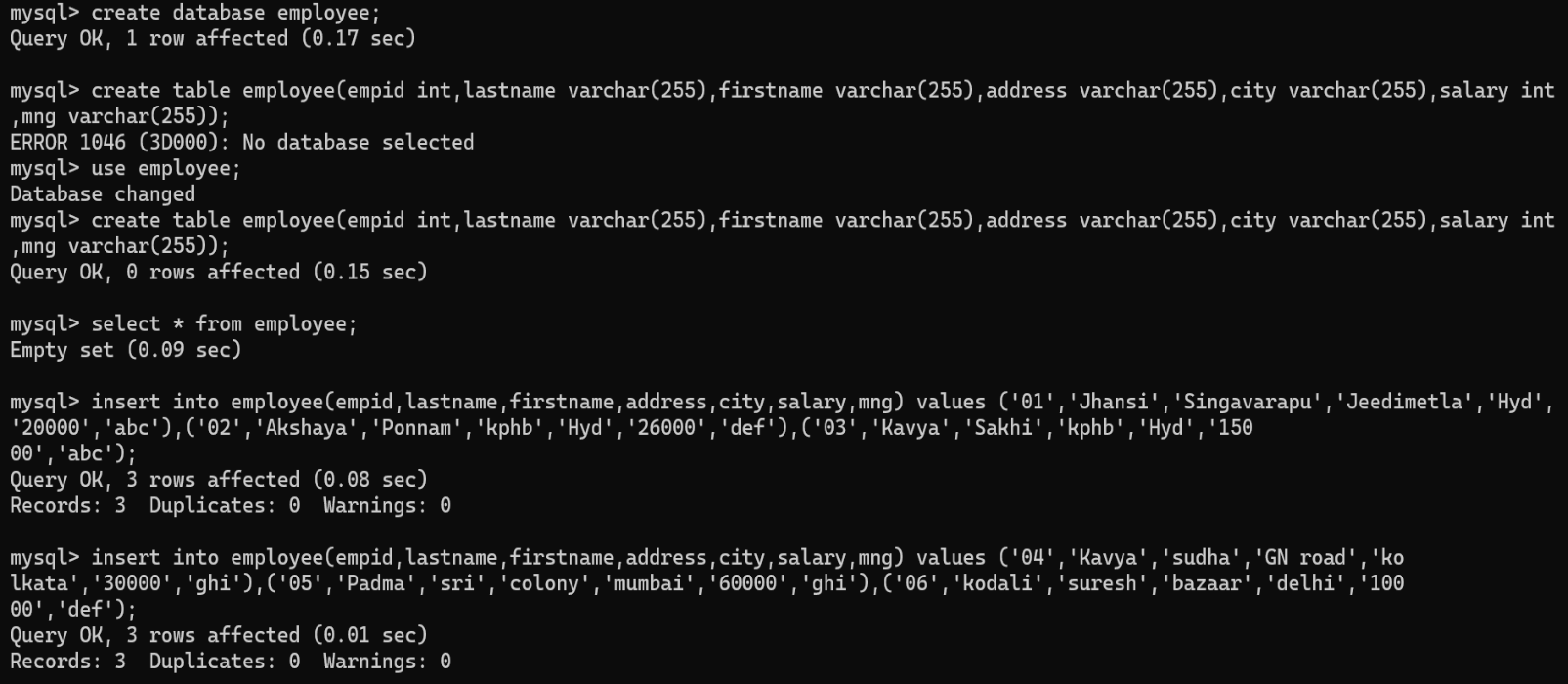
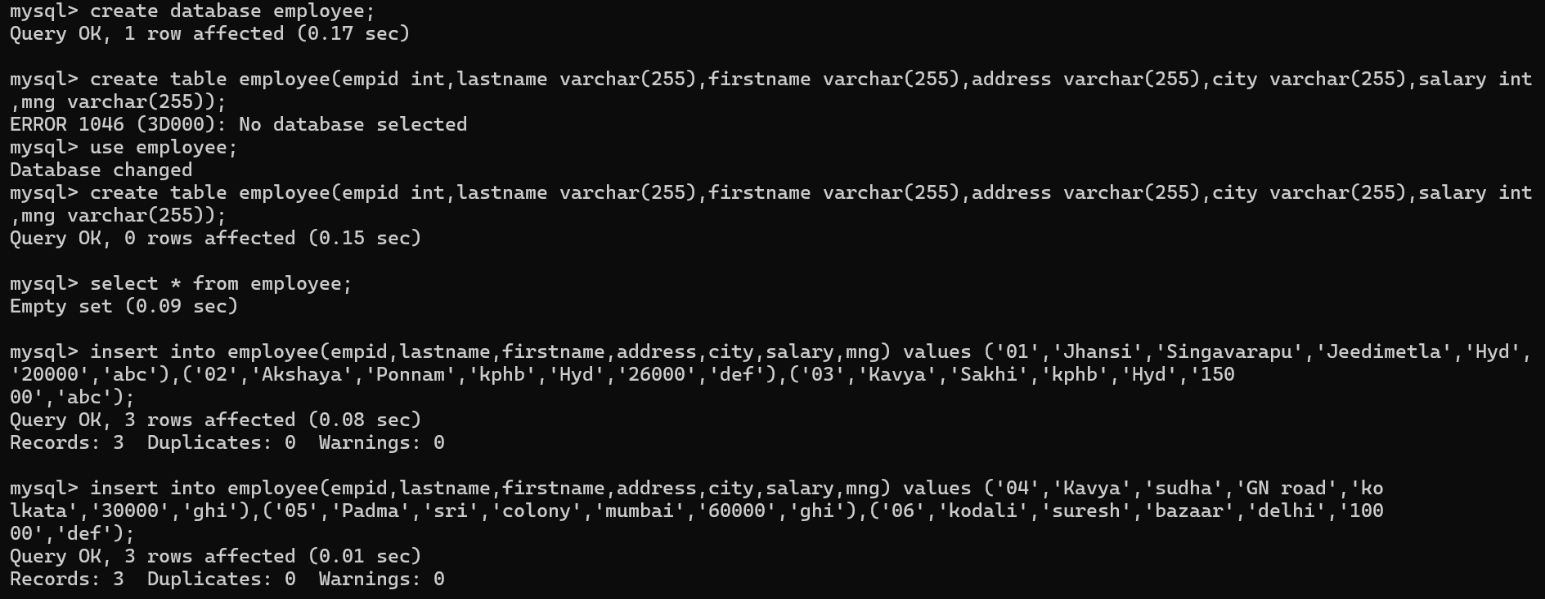
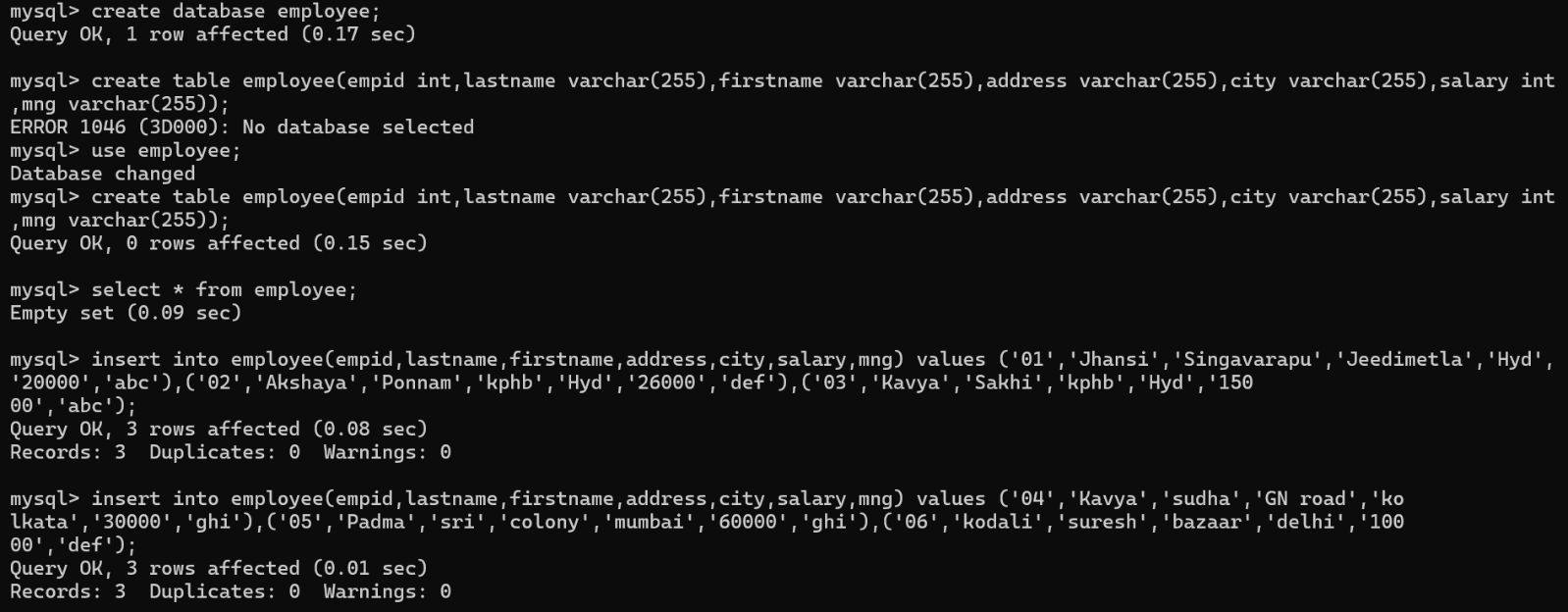
SQL QUERIES

Create a database:

Create table:



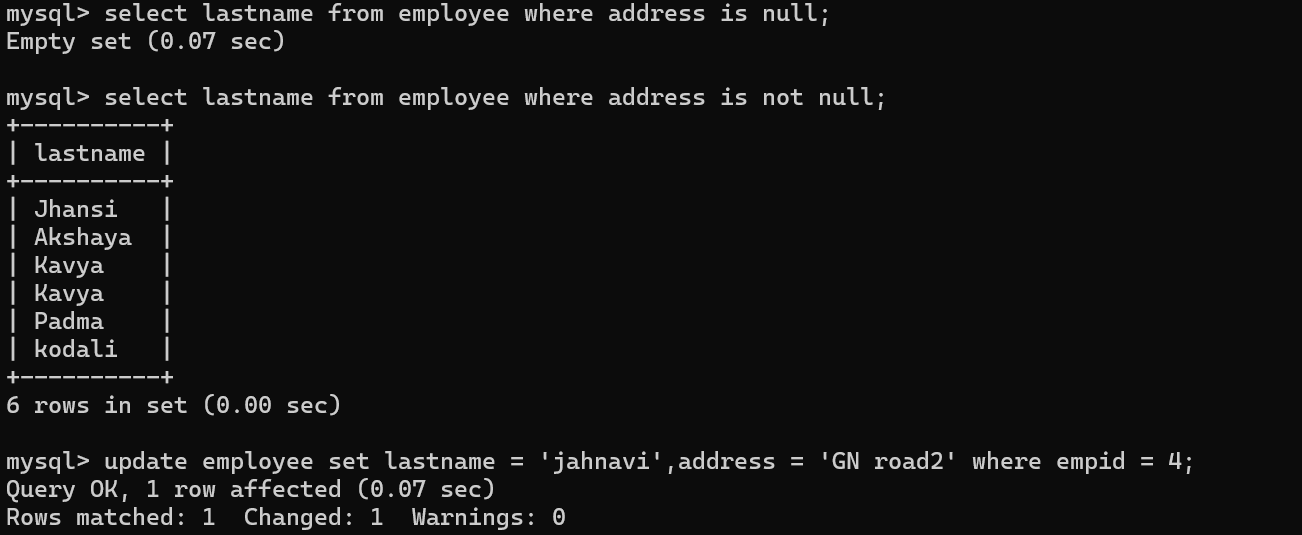
Insert values:

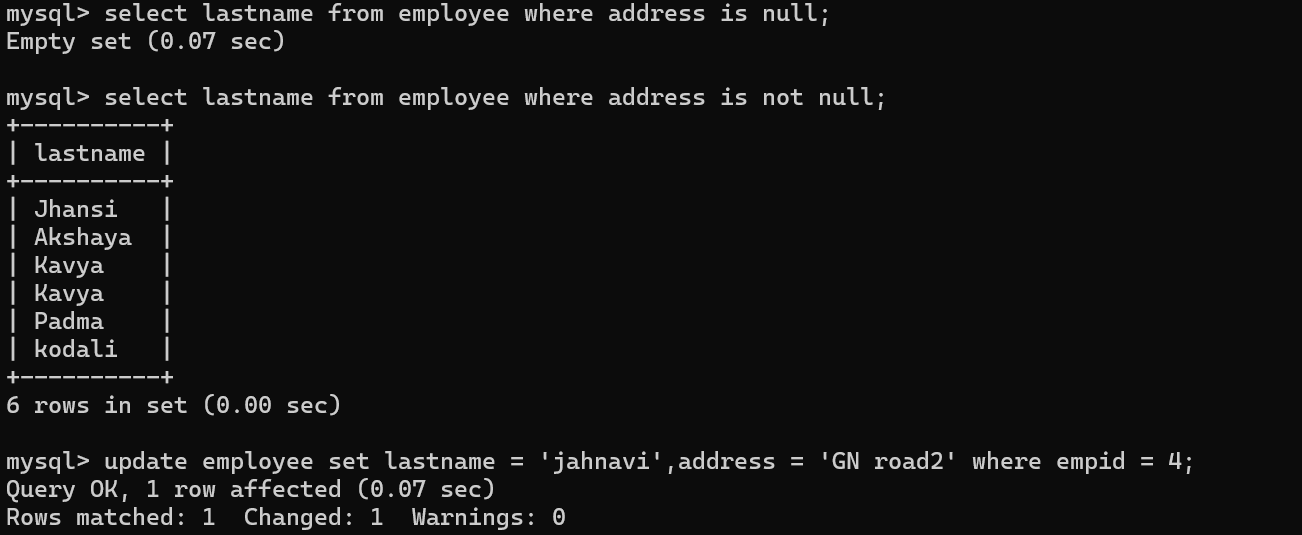


Display record:

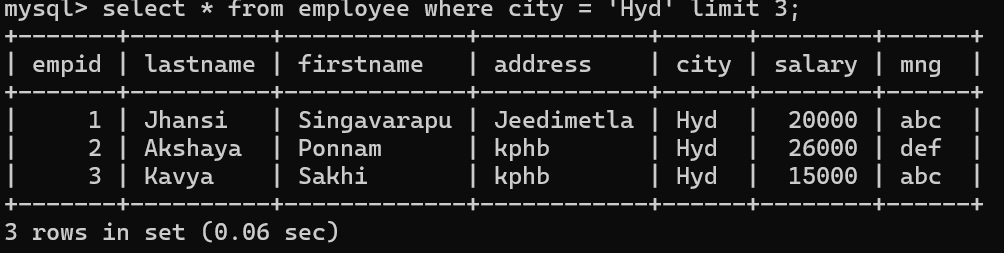


Is null and Not Null:

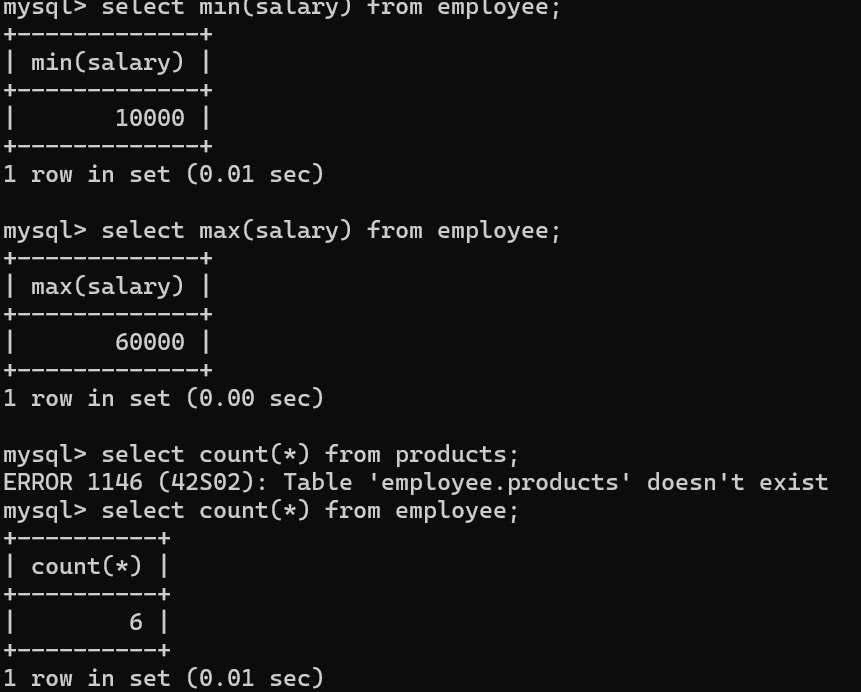


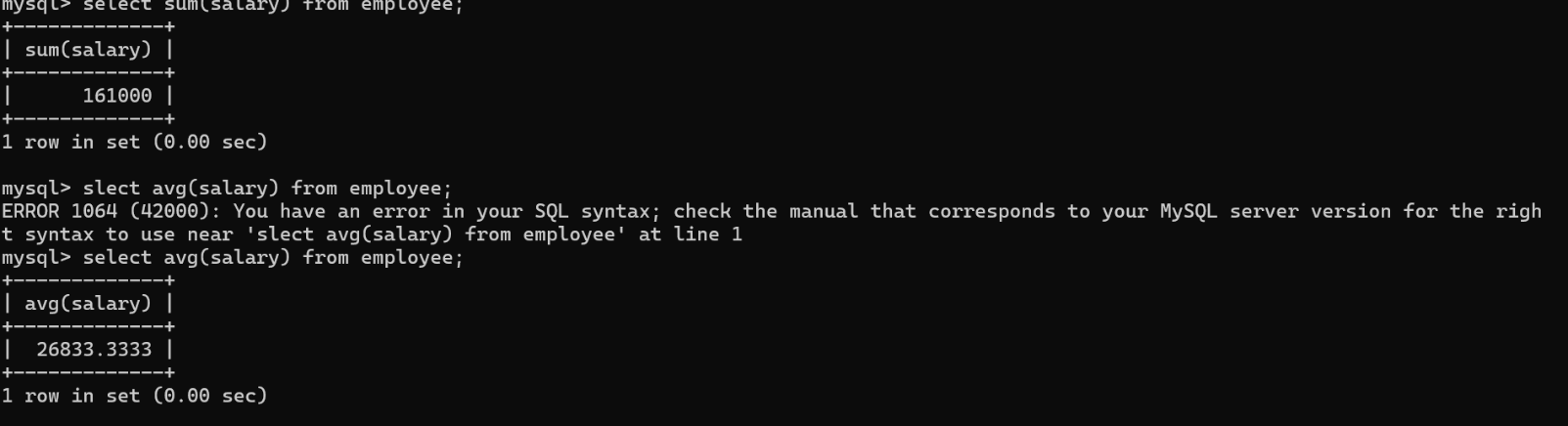
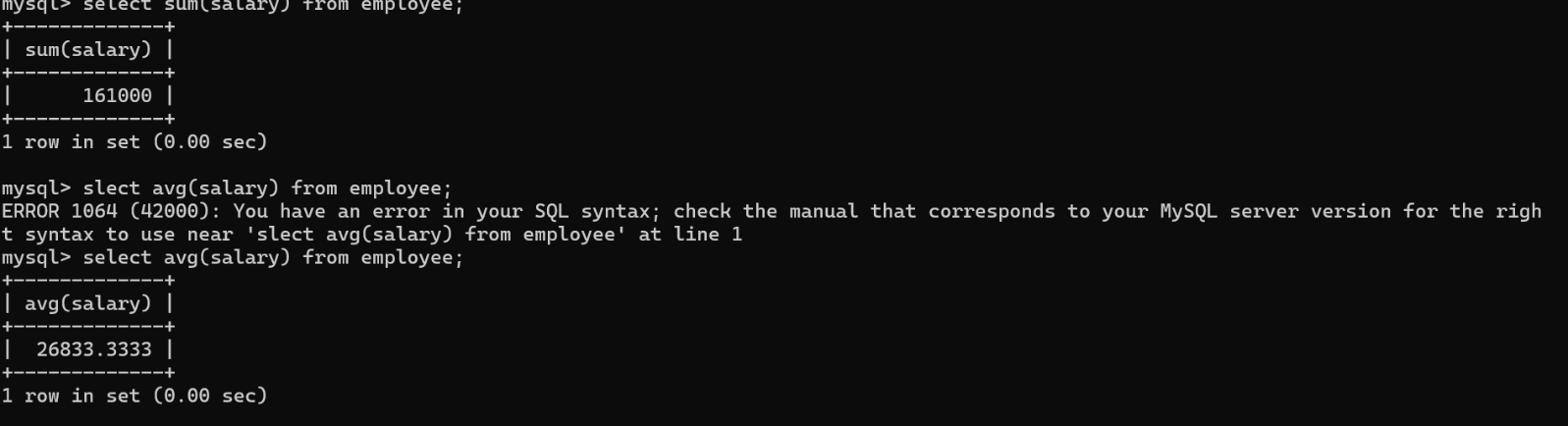
Update the values: 

To display limited values:

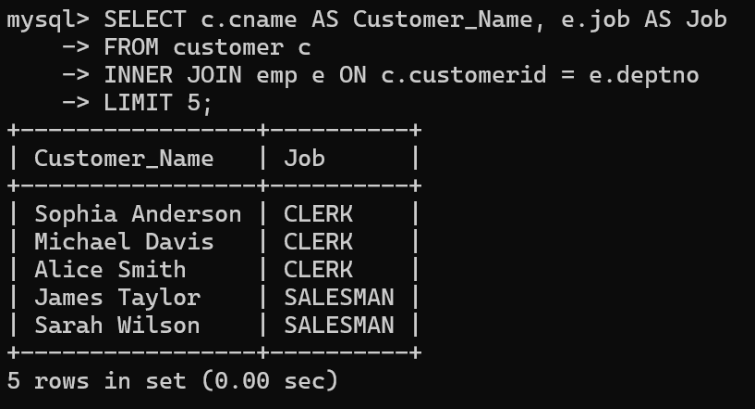
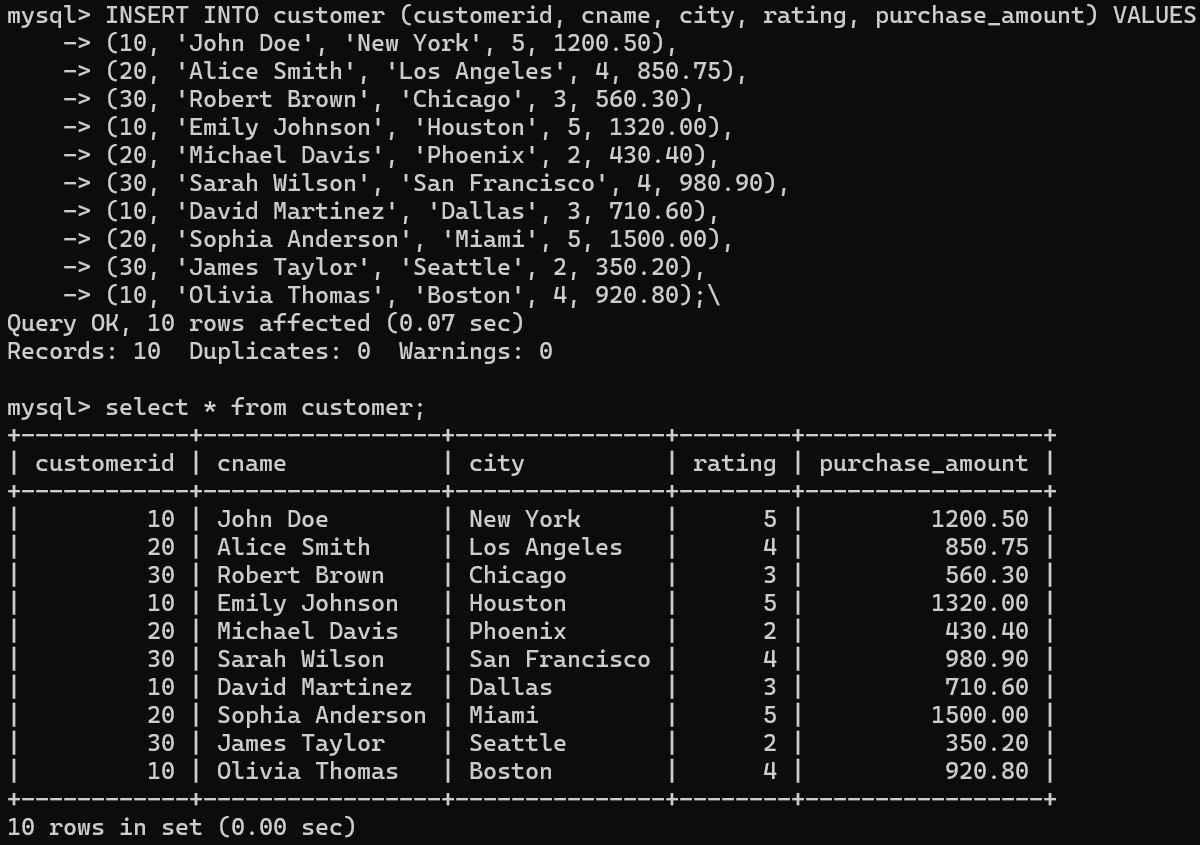
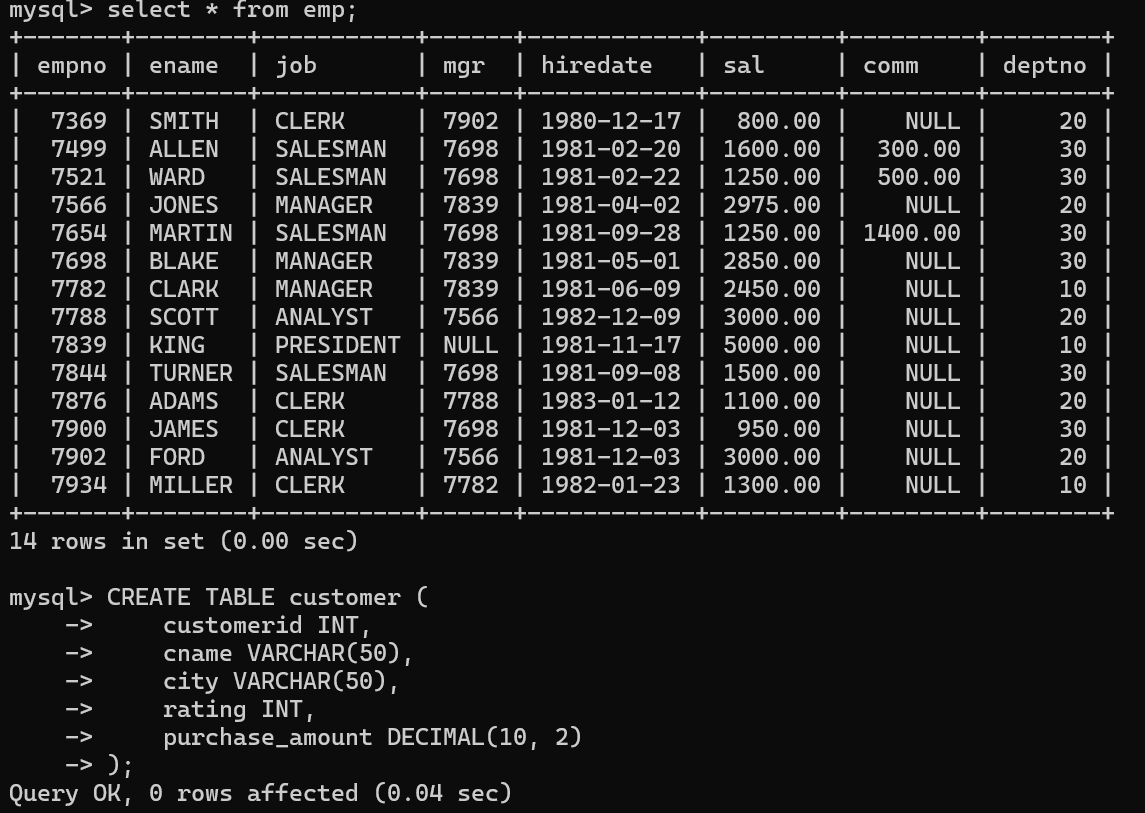


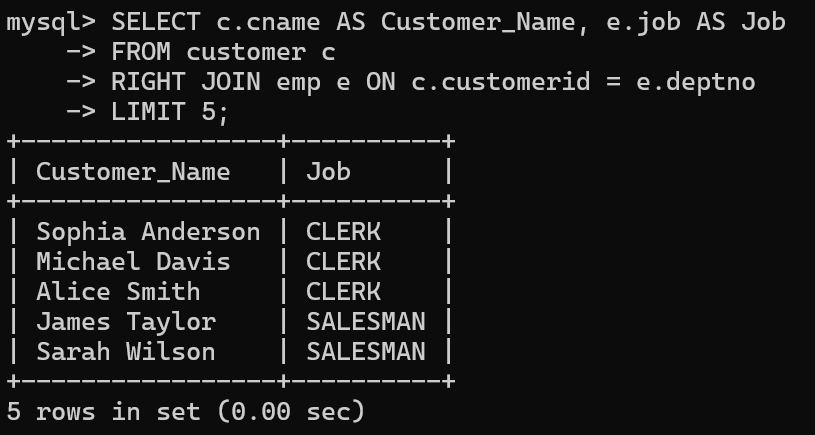
AGGREGATE FUNCTIONS:



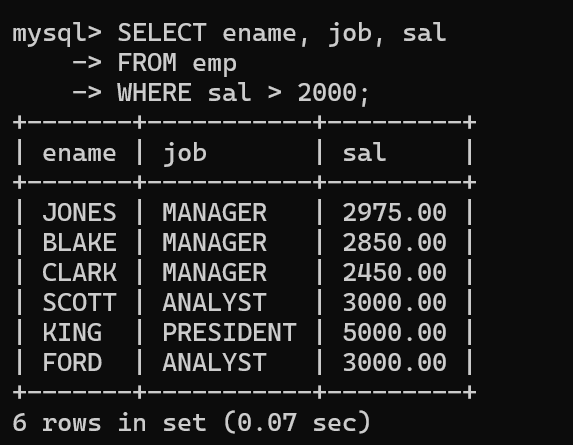
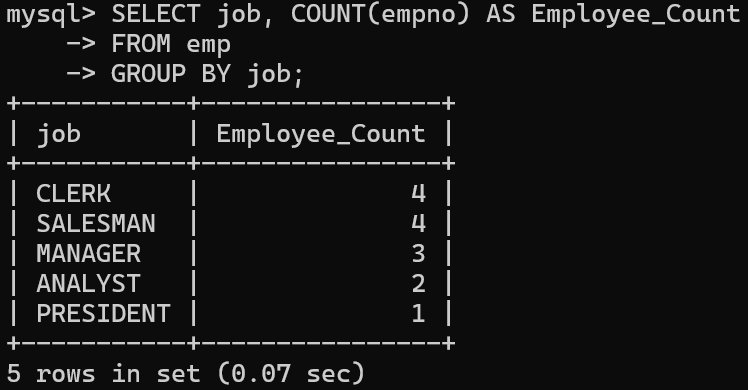
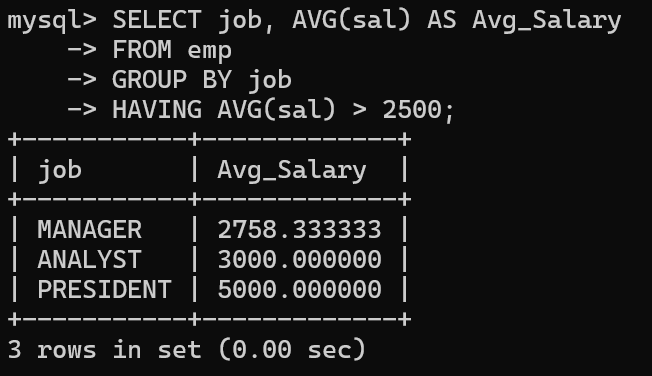
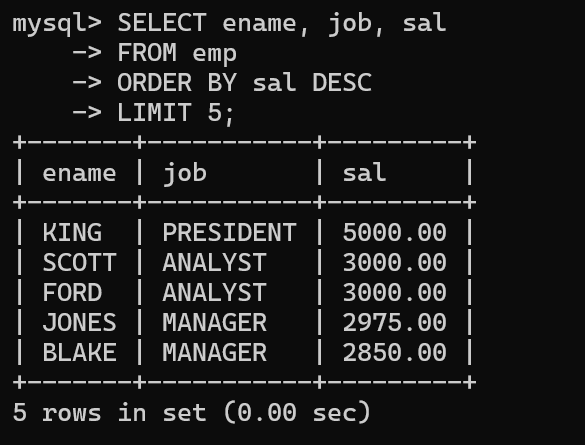


JOINS:

Table1 Table 2

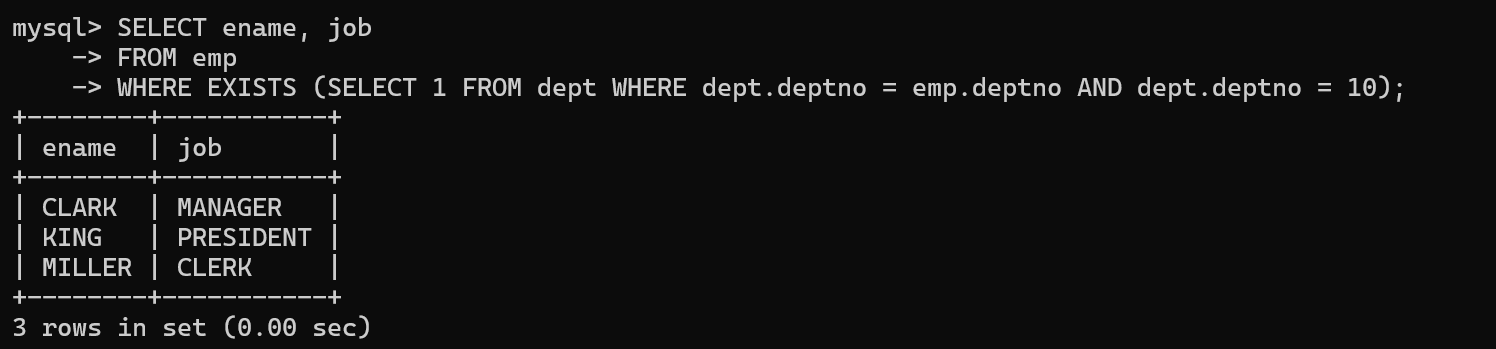




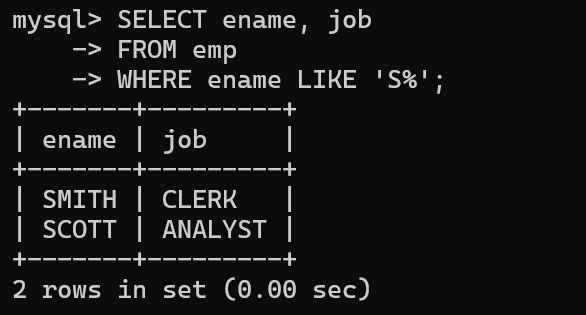
CLAUSES:

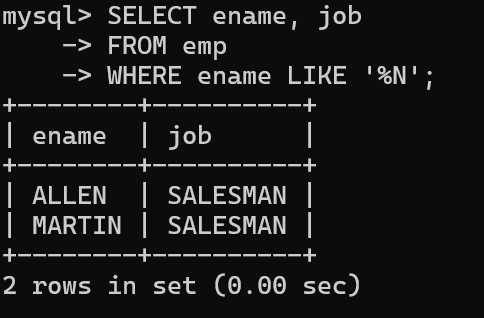


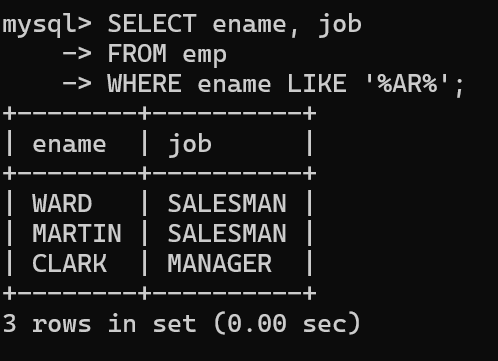
EXISTS:

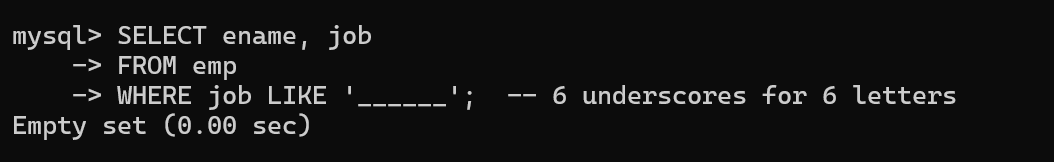
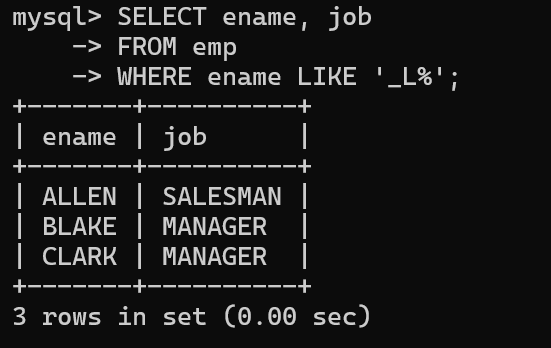


WILCARDS:

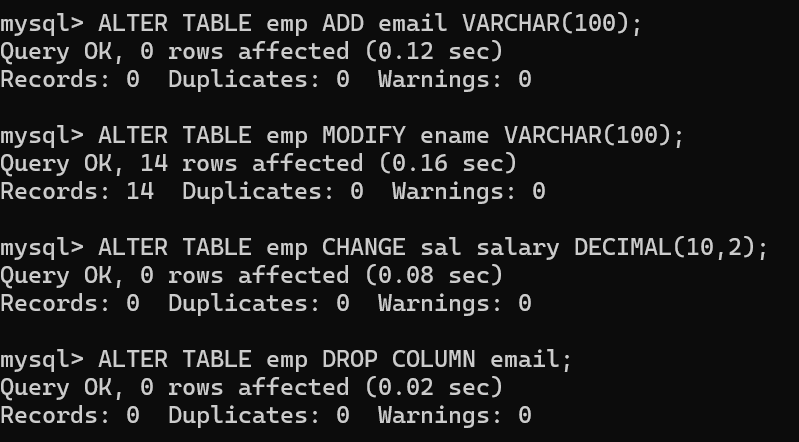


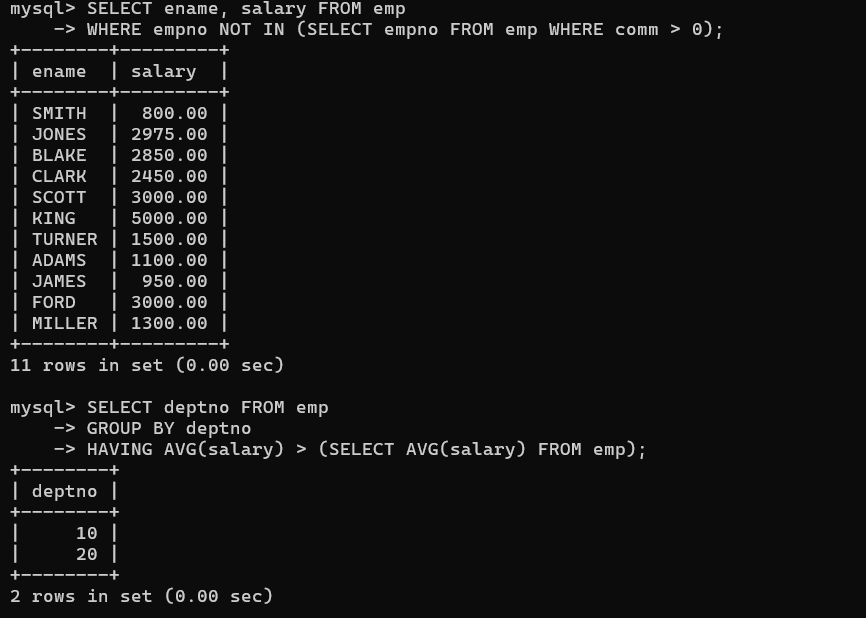


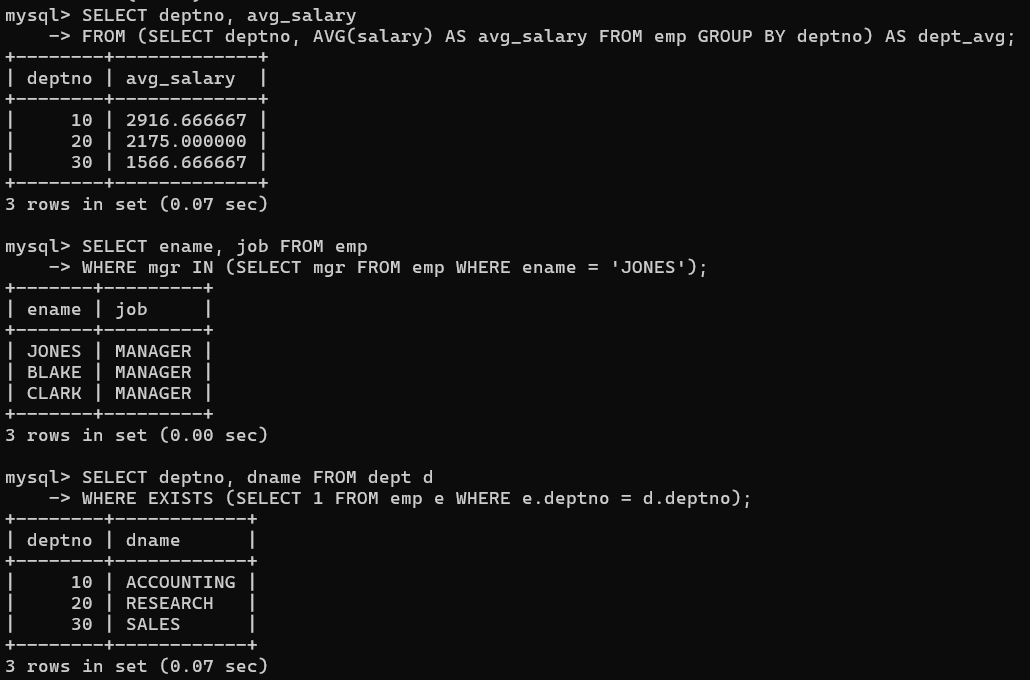




ALTER COMMANDS:

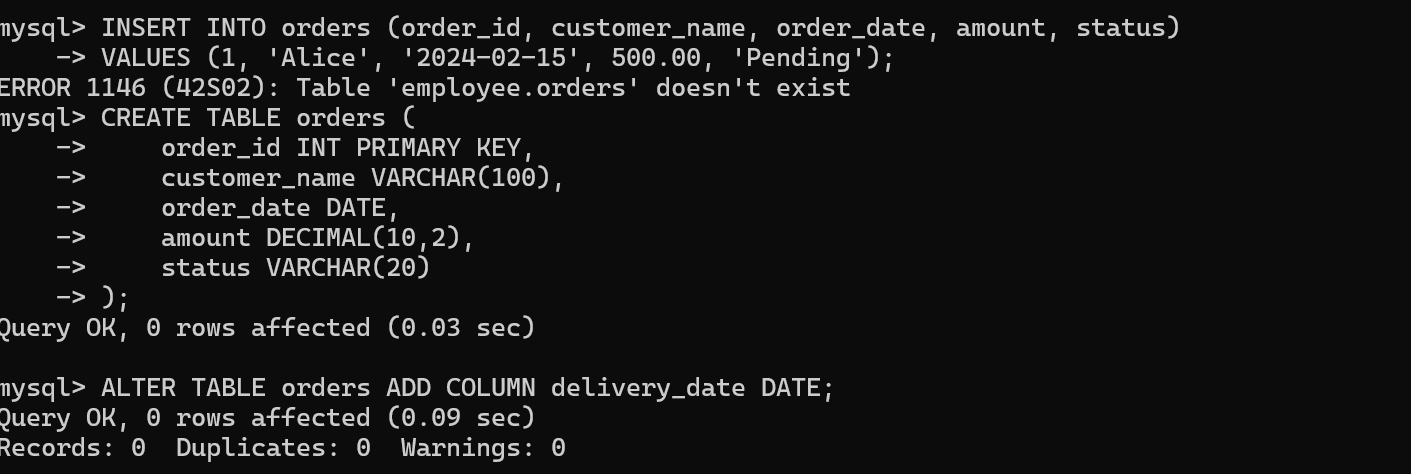


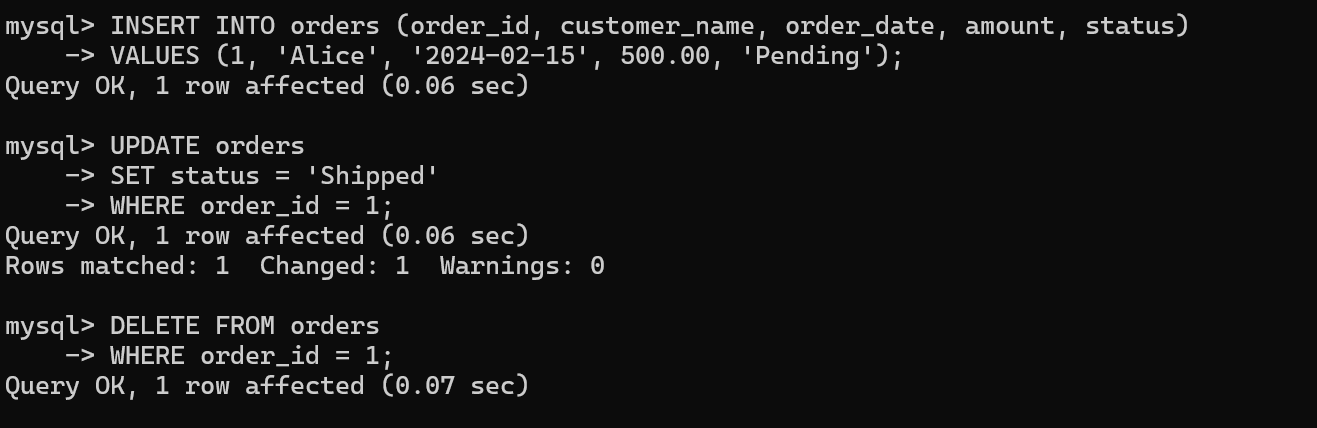
SUBQUERIES:



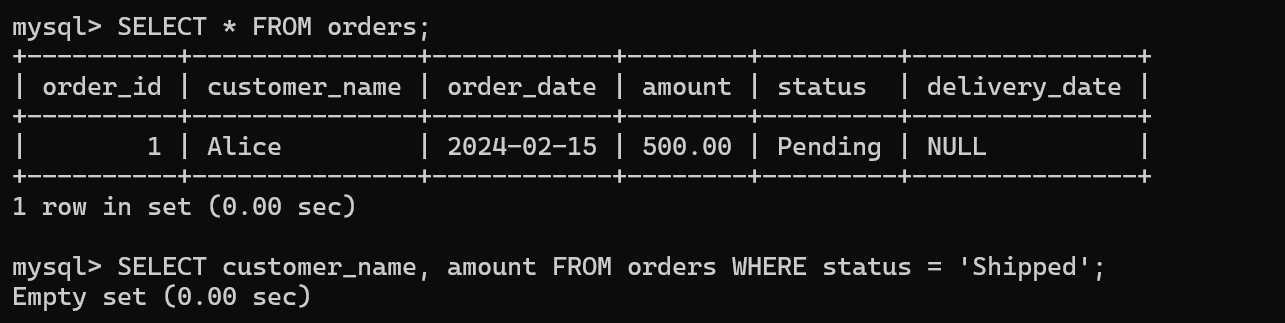
SQL COMMANDS:

1.DDL

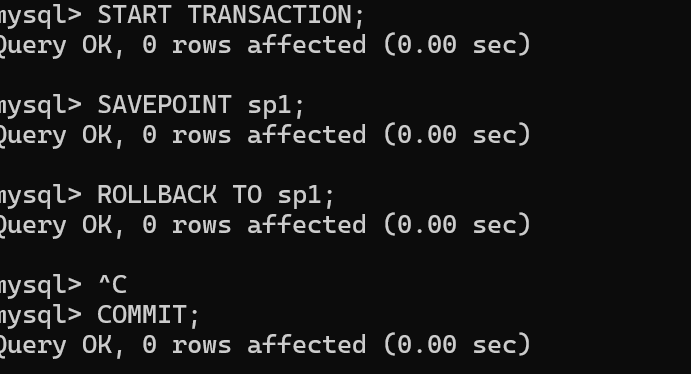


2.DML

3.DQL



4.TCL

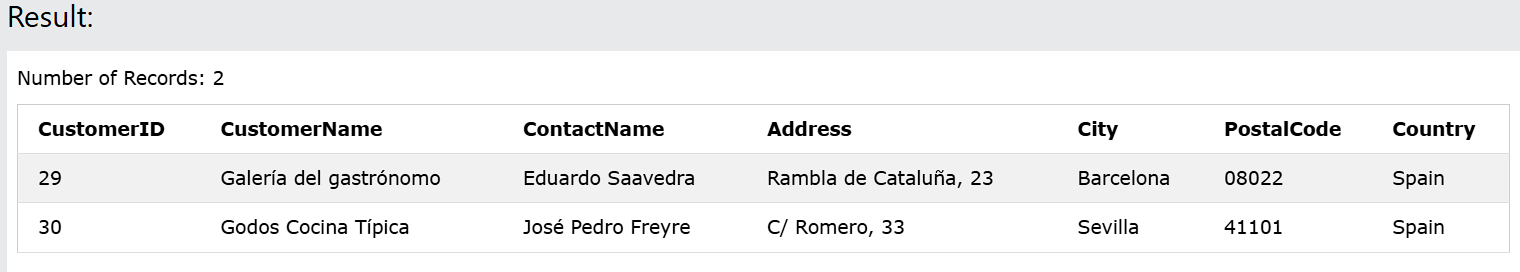


And

SELECT \*

FROM Customers

WHERE Country = 'Spain' AND CustomerName LIKE 'G%';



**Distinct**

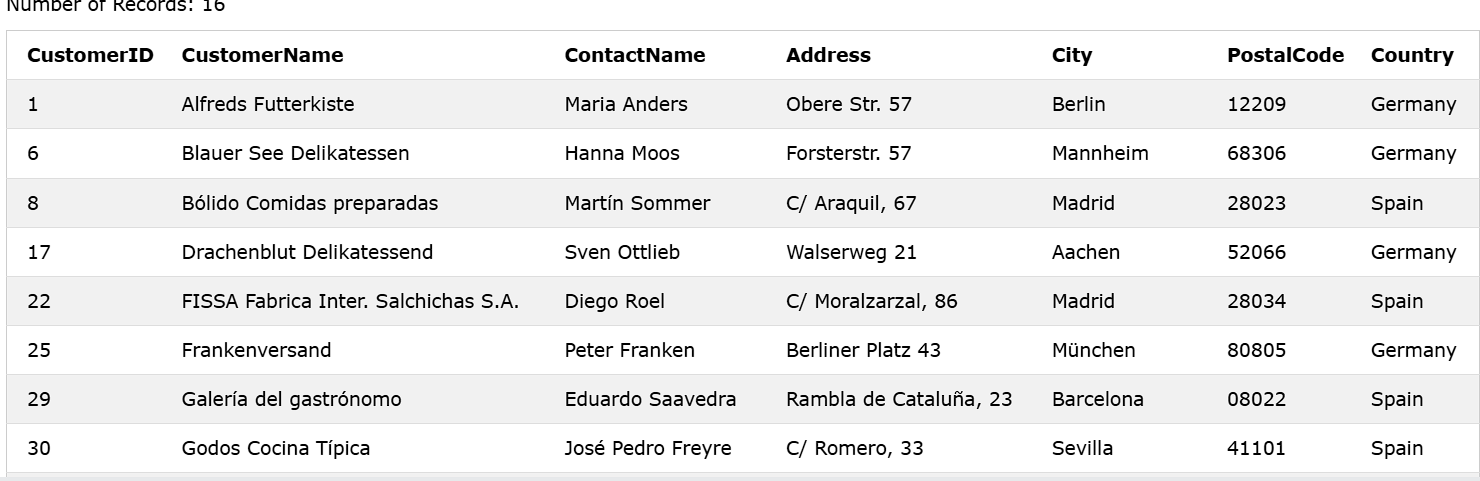
SELECT DISTINCT Country FROM Customers;

Number of Records: 21

|  |
| --- |
| **Country** |
| Argentina |
| Austria |
| Belgium |
| Brazil |
| Canada |
| Denmark |
| Finland |
| France |
| Germany |
| Ireland |
| Italy |
| Mexico |
| Norway |
| Poland |
| Portugal |
| Spain |
| Sweden |
| Switzerland |
| UK |
| USA |
| Venezuela |

**OR**

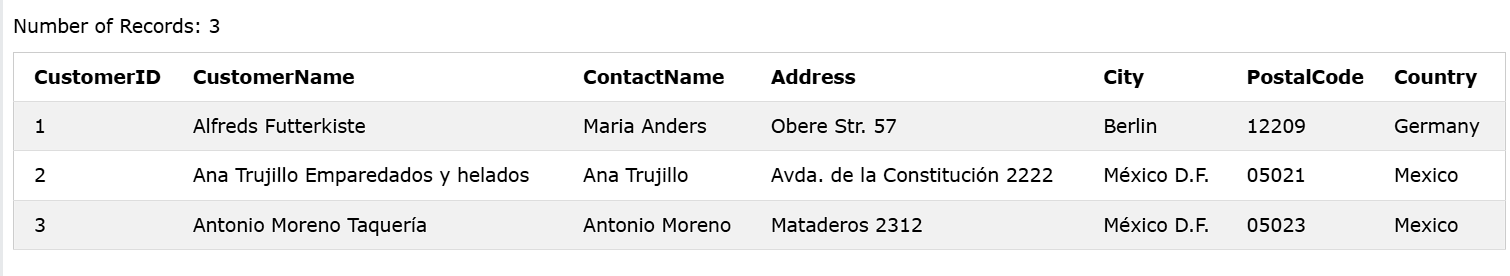
SELECT \*  
FROM Customers  
WHERE Country = 'Germany' OR Country = 'Spain';





**SELECT TOP**

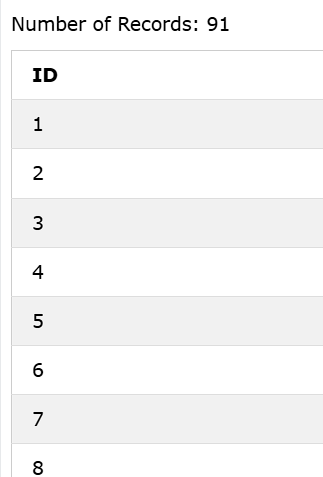
SELECT TOP 3 \* FROM Customers;



**ALIASES**

SELECT CustomerID AS ID

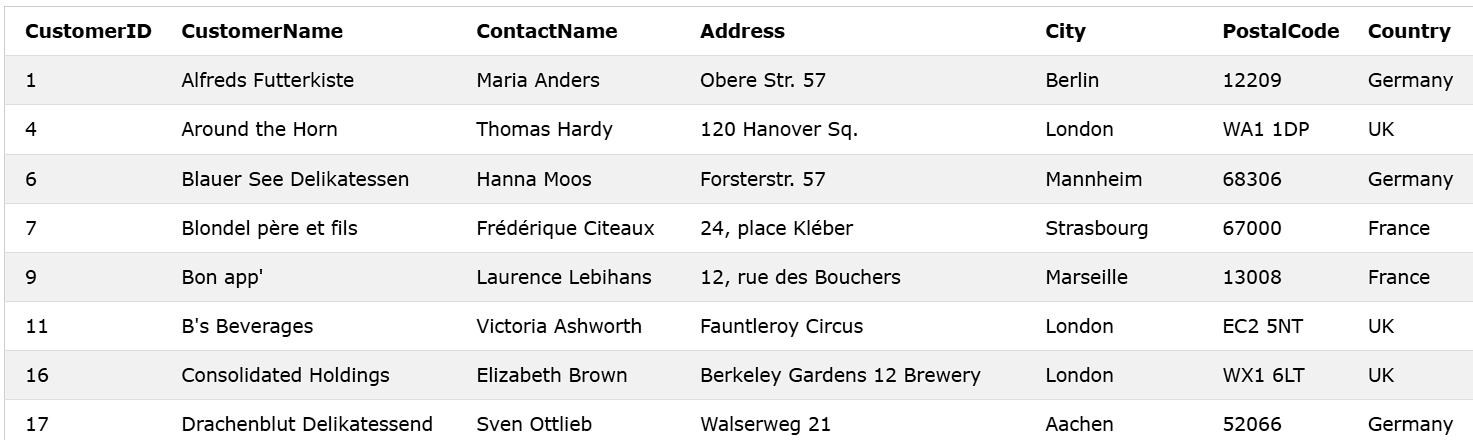
FROM Customers;



**IN**

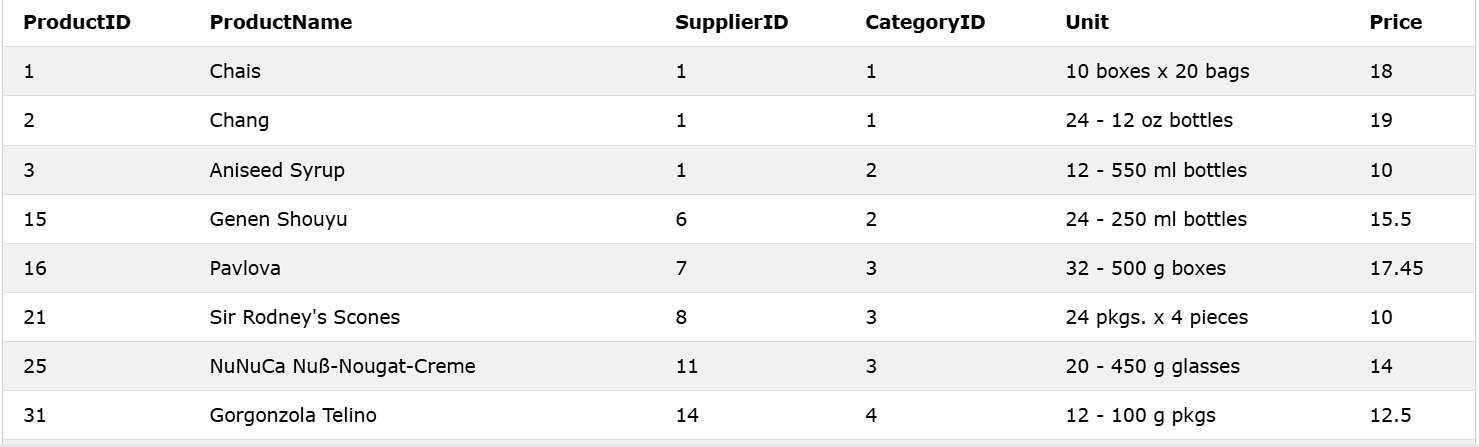
SELECT \* FROM Customers

WHERE Country IN ('Germany', 'France', 'UK');



**BETWEEN**

SELECT \* FROM Products  
WHERE Price BETWEEN 10 AND 20;



**LEFT JOIN**

SELECT Customers.CustomerName, Orders.OrderID  
FROM Customers  
LEFT JOIN Orders ON Customers.CustomerID = Orders.CustomerID  
ORDER BY Customers.CustomerName;



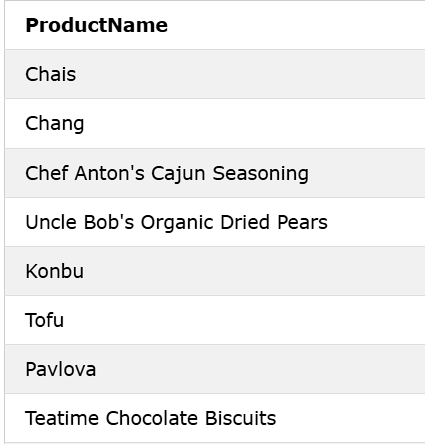
**UNION**

SELECT City FROM Customers  
UNION  
SELECT City FROM Suppliers  
ORDER BY City;



**ANY**

SELECT ProductName  
FROM Products  
WHERE ProductID = ANY  
  (SELECT ProductID  
  FROM OrderDetails  
  WHERE Quantity = 10);



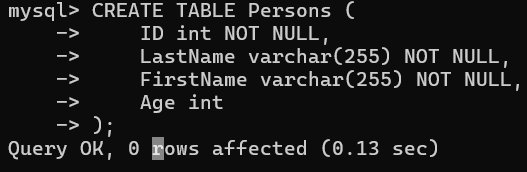
**ALL**

SELECT ALL ProductName  
FROM Products  
WHERE TRUE;

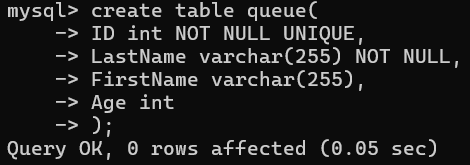


**CONSTRAINTS**

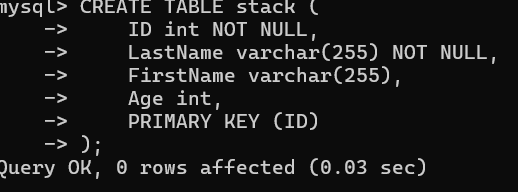
**1.NOT NULL**



**2.UNIQUE KEY**

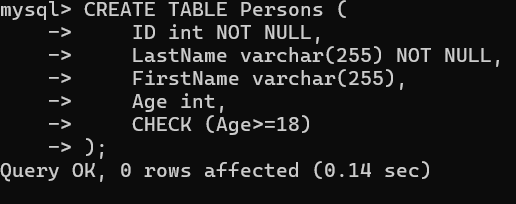


**3.PRIMARY KEY**



**4.FOREIGN KEY**

**5.CHECK**

****