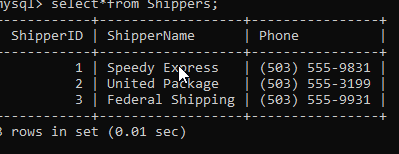
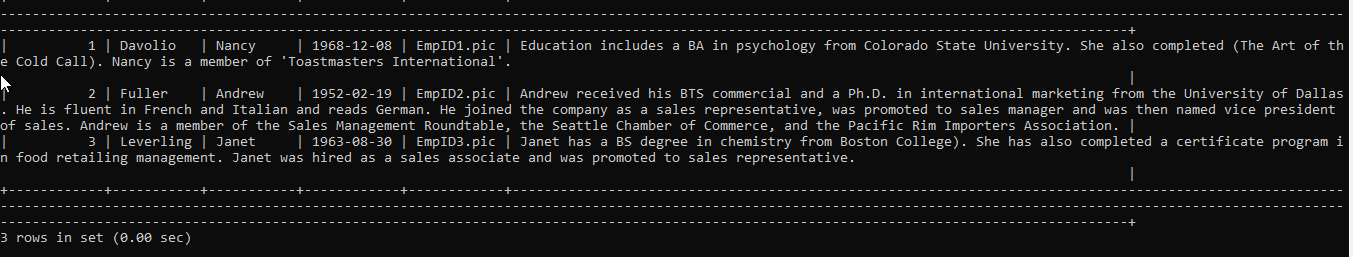
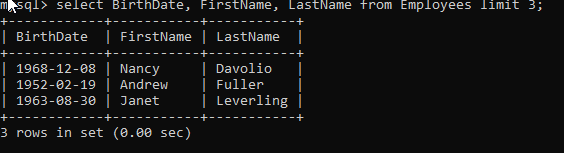
1. SELECT \* FROM Shippers;



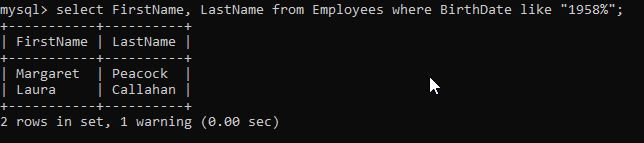
1. SELECT \* FROM Employees LIMIT 3;



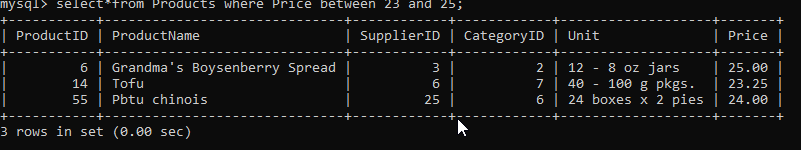
1. SELECT BirthDate, FirstName, LastName FROM Employees LIMIT 3;



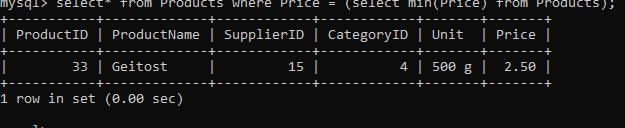
1. SELECT FirstName, LastName FROM Employees WHERE BirthDate LIKE '1958%';



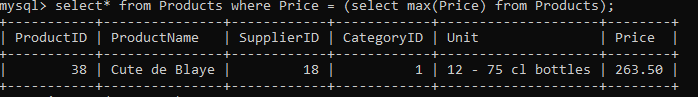
1. SELECT \* FROM Products WHERE Price BETWEEN 23 AND 25;



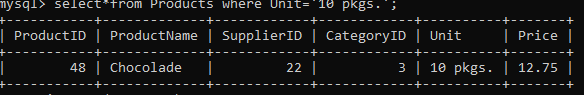
1. SELECT \* FROM Products WHERE Price = (SELECT MIN(Price) FROM Products);



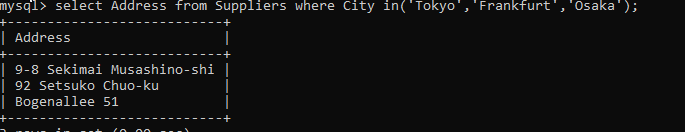
1. SELECT \* FROM Products WHERE Price = (SELECT MAX(Price) FROM Products);



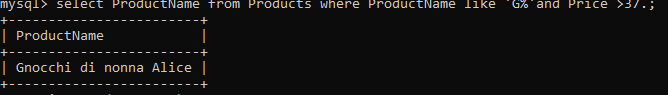
1. SELECT \* FROM Products WHERE Unit = '10 pkgs.';



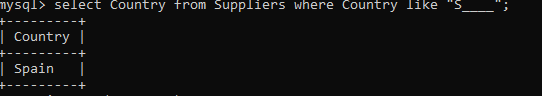
1. SELECT Address FROM Suppliers WHERE City IN ('Tokyo', 'Frankfurt', 'Osaka');



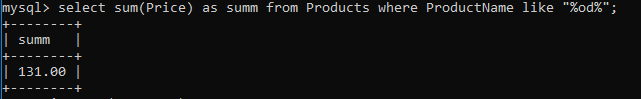
1. SELECT ProductName FROM Products WHERE ProductName LIKE 'G%' AND Price > 37;



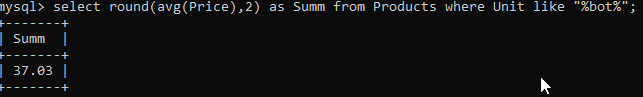
1. SELECT Country FROM Suppliers WHERE Country LIKE 'S\_\_\_\_';



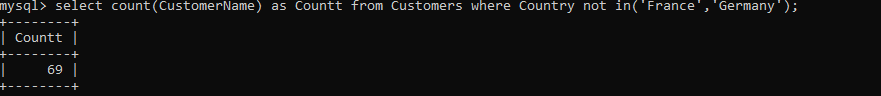
1. SELECT SUM(Price) AS Summ FROM Products WHERE ProductName LIKE '%od%';



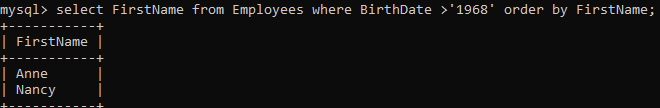
1. SELECT ROUND(AVG(Price),2) AS Summ FROM Products WHERE Unit LIKE '%bottle%';



1. SELECT COUNT(CustomerID) AS Countt FROM Customers WHERE Country NOT IN ('France', 'Germany');



1. SELECT FirstName FROM Employees WHERE BirthDate > '1968-01-01' ORDER BY FirstName ASC;

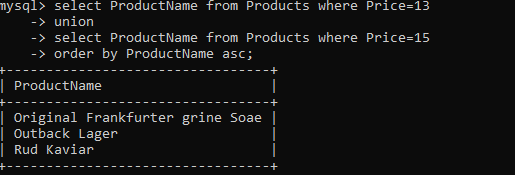


16. SELECT ProductName FROM Products WHERE Price = 13

UNION

SELECT ProductName FROM Products WHERE Price = 15

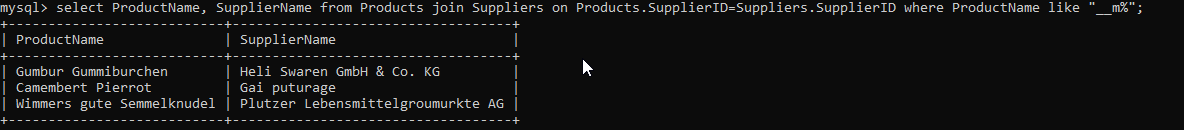
ORDER BY ProductName ASC;



17. SELECT ProductName, SupplierName FROM Products p

JOIN Suppliers s ON p.SupplierID = s.SupplierID

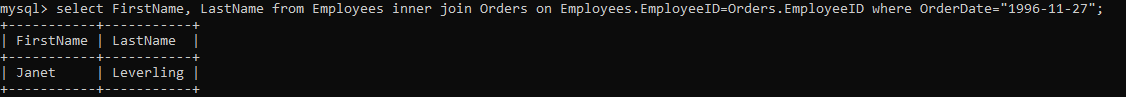
WHERE ProductName LIKE '\_\_m%';



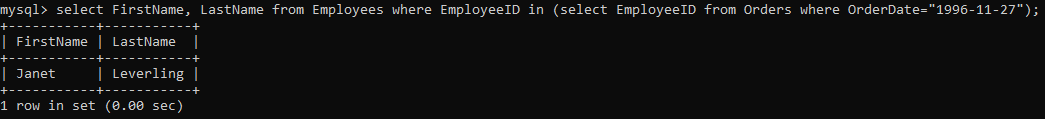
18. SELECT FirstName, LastName FROM Employees e

JOIN Orders o ON e.EmployeeID = o.EmployeeID

WHERE OrderDate = '1996-11-27';



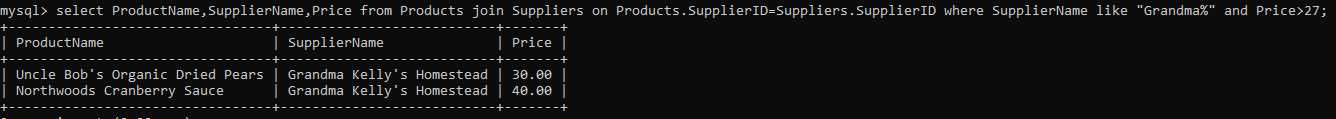
SELECT FirstName, LastName FROM Employees WHERE EmployeeID = (SELECT EmployeeID FROM Orders WHERE OrderDate = '1996-11-27');



19. SELECT ProductName, SupplierName, Price FROM Products p

JOIN Suppliers s ON p.SupplierID = s.SupplierID

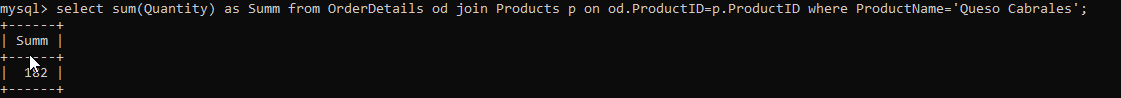
WHERE SupplierName = "Grandma Kelly's Homestead" AND Price > 27;



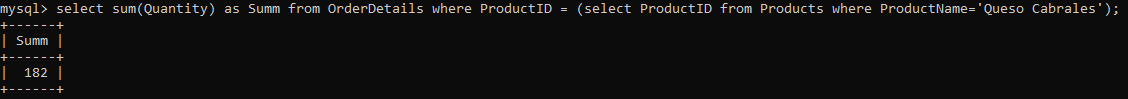
20. SELECT SUM(Quantity) AS Summ FROM OrderDetails od

JOIN Products p ON od.ProductID = p.ProductID

WHERE ProductName='Queso Cabrales';



SELECT SUM(Quantity) AS Summ FROM OrderDetails WHERE ProductID = (SELECT ProductID FROM Products WHERE ProductName='Queso Cabrales');

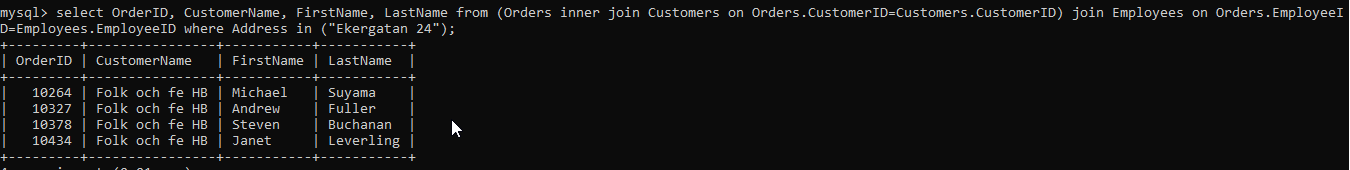


21. SELECT OrderID, CustomerName, FirstName, LastName FROM Orders o

JOIN Customers c ON o.CustomerID = c.CustomerID

JOIN Employees e ON o.EmployeeID = e.EmployeeID

WHERE c.Address = 'Ekergatan 24';

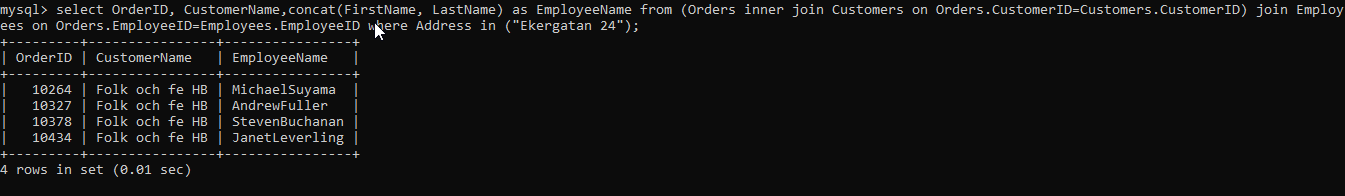


22. SELECT OrderID, CustomerName, CONCAT(FirstName, ' ', LastName) AS EmployeeName FROM Orders o

JOIN Customers c ON o.CustomerID = c.CustomerID

JOIN Employees e ON o.EmployeeID = e.EmployeeID

WHERE c.Address = 'Ekergatan 24';

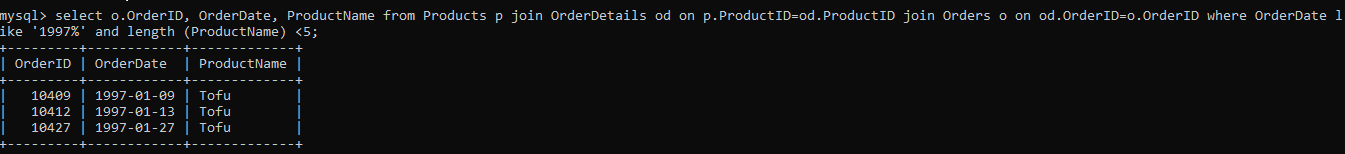


23. SELECT o.OrderID, OrderDate, ProductName FROM Products p

JOIN OrderDetails od ON p.ProductID = od.ProductID

JOIN Orders o ON od.OrderID = o.OrderID

WHERE OrderDate LIKE '1997%' AND LENGTH(ProductName) < 5;



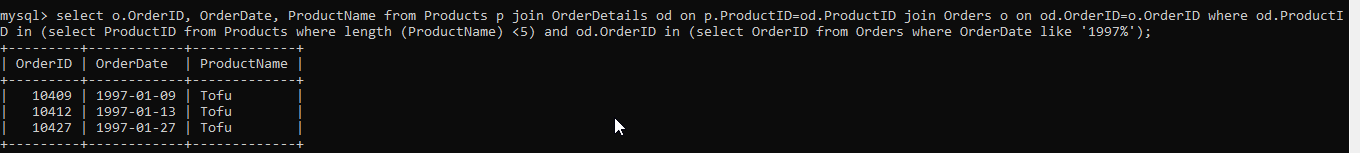
SELECT o.OrderID, OrderDate, ProductName FROM OrderDetails od

JOIN Products p ON od.ProductID = p.ProductID

JOIN Orders o ON od.OrderID = o.OrderID

WHERE od.ProductID IN (SELECT ProductID FROM Products WHERE LENGTH(ProductName) < 5)

AND od.OrderID IN (SELECT OrderID FROM Orders WHERE OrderDate LIKE '1997%');



24. SELECT CategoryName, ProductName FROM Products p

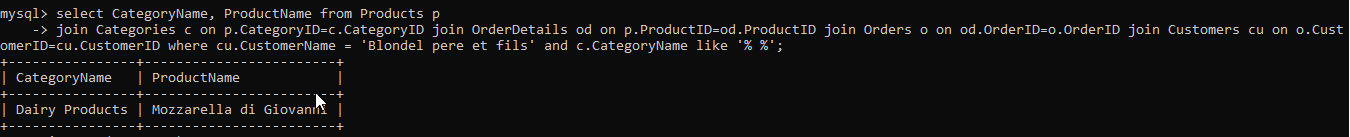
JOIN Categories c ON p.CategoryID = c.CategoryID

JOIN OrderDetails od ON p.ProductID = od.ProductID

JOIN Orders o ON od.OrderID = o.OrderID

JOIN Customers cu ON o.CustomerID = cu.CustomerID

WHERE cu.CustomerName = 'Blondel pere et fils' AND c.CategoryName LIKE '% %';

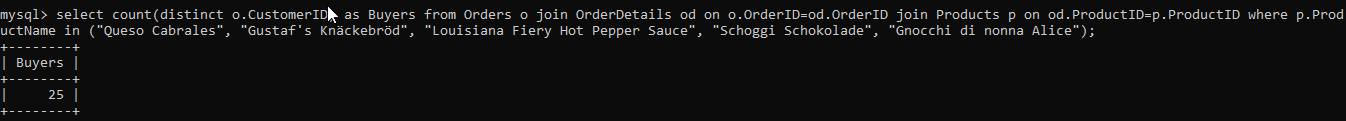


25. SELECT COUNT(DISTINCT o.CustomerID) AS Buyers FROM Orders o

JOIN OrderDetails od ON o.OrderID = od.OrderID

JOIN Products p ON od.ProductID = p.ProductID

WHERE p.ProductName IN ("Queso Cabrales", "Gustaf's Knäckebröd", "Louisiana Fiery Hot Pepper Sauce", "Schoggi Schokolade", "Gnocchi di nonna Alice");



26. SELECT y.City, y.Amount FROM

(SELECT c.City, COUNT(c.City) AS Amount FROM Orders o

JOIN Customers c ON o.CustomerID = c.CustomerID

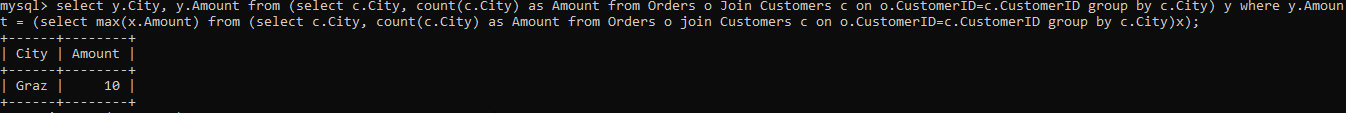
GROUP BY c.City) y

WHERE y.Amount = (SELECT MAX(x.Amount) FROM

(SELECT c.City, COUNT(c.City) AS Amount FROM Orders o

JOIN Customers c ON o.CustomerID = c.CustomerID

GROUP BY c.City) x);



27. SELECT s.City, SUM(od.Quantity) AS Quantity FROM Orders o

JOIN Customers c ON o.CustomerID = c.CustomerID

JOIN OrderDetails od ON o.OrderID = od.OrderID

JOIN Products p ON od.ProductID = p.ProductID

JOIN Suppliers s ON p.SupplierID = s.SupplierID

WHERE c.City = 'London'

GROUP BY s.City

HAVING Quantity = (SELECT MAX(x.Quantity) FROM

(SELECT s.City, SUM(od.Quantity) AS Quantity FROM Orders o

JOIN Customers c ON o.CustomerID = c. CustomerID

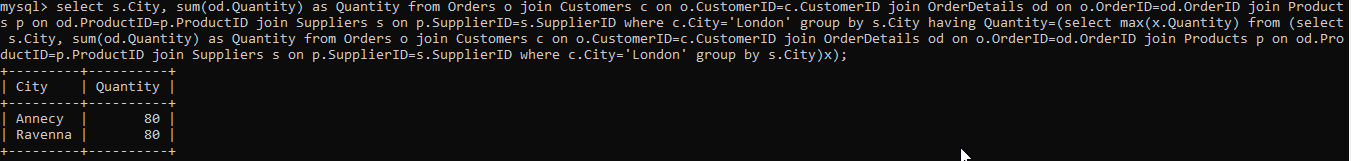
JOIN OrderDetails od ON o.OrderID = od.OrderID

JOIN Products p ON od.ProductID = p.ProductID

JOIN Suppliers s ON p.SupplierID = s.SupplierID

WHERE c.City = 'London'

GROUP BY s.City) x);



28. SELECT s.ShipperName, c.CategoryName, COUNT(s.ShipperName) AS Amount FROM Orders o

JOIN Shippers s ON o.ShipperID = s.ShipperID

JOIN OrderDetails od ON o.OrderID = od.OrderID

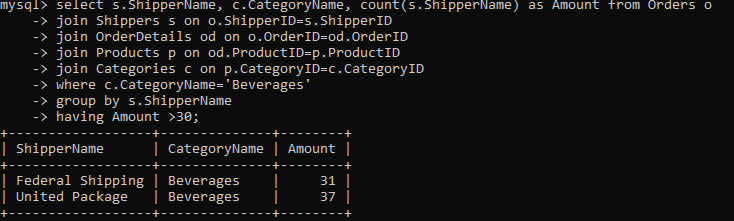
JOIN Products p ON od.ProductID = p.ProductID

JOIN Categories c ON p.CategoryID = c.CategoryID

WHERE c.CategoryName = 'Beverages'

GROUP BY s.ShipperName

HAVING Amount > 30;



29. SELECT ROUND(AVG(p.Price), 2) AS Average FROM Orders o

JOIN Employees e ON o.EmployeeID = e.EmployeeID

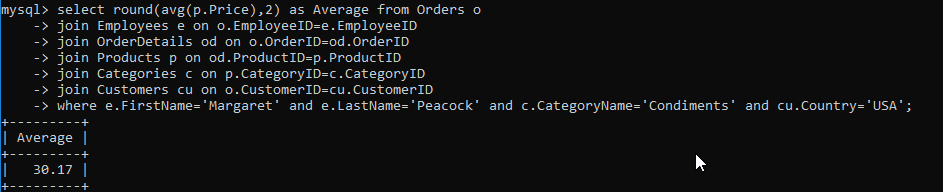
JOIN OrderDetails od ON o.OrderID = od.OrderID

JOIN Products p ON od.ProductID = p.ProductID

JOIN Categories c ON p.CategoryID = c.CategoryID

JOIN Customers cu ON o.CustomerID = cu.CustomerID

WHERE e.FirstName = 'Margaret' AND e.LastName = 'Peacock' AND c.CategoryName = 'Condiments' AND cu.Country = 'USA';



1. Открываем **cmd (Alt+Enter – развернуть на весь экран)**
2. Подключаемся к linux серверу:   
   **ssh tester@178.124.206.52**   
   -> [Enter]  
   **tester\_pwd** -> [Enter] - когда просит пароль (пароль при вводе **не отображается!!!!!**)
3. **mysql -u voodoo\_user -h 178.124.206.46 -P 33306 -p <**– подключаемся к СУБД  
   🡪 [Enter]  
   pwd: **voodoo\_pwd** ] - когда просит пароль (пароль при вводе **не отображается!!!!!**)
4. Подключиться к базе данных voodoo: **USE voodoo;**