AGGREGATE FUNCTIONS:(EXAPMPLES)

-->MIN,MAX,COUNT,AVG,SUM

-->JOINS

-->CLAUSES

SELECT MAX(Price) AS LargestPrice

FROM Products;

SELECT MIN(Price) AS SmallestPrice  
FROM Products;

SELECT COUNT(ProductID)

FROM Products;

SELECT AVG(Price)

FROM Products;

SELECT SUM(Quantity)

FROM OrderDetails;

SELECT COUNT(CustomerID), Country

FROM Customers

GROUP BY Country

HAVING COUNT(CustomerID) > 5

ORDER BY COUNT(CustomerID) DESC;

SELECT Employees.LastName, COUNT(Orders.OrderID) AS NumberOfOrders

FROM (Orders

INNER JOIN Employees ON Orders.EmployeeID = Employees.EmployeeID)

GROUP BY LastName

HAVING COUNT(Orders.OrderID) > 10;

SELECT Orders.OrderID, Customers.CustomerName

FROM Orders

INNER JOIN Customers ON Orders.CustomerID = Customers.CustomerID;

SELECT Customers.CustomerName, Orders.OrderID

FROM Customers

LEFT JOIN Orders

ON Customers.CustomerID=Orders.CustomerID

ORDER BY Customers.CustomerName;

SELECT Orders.OrderID, Employees.LastName, Employees.FirstName

FROM Orders

RIGHT JOIN Employees

ON Orders.EmployeeID = Employees.EmployeeID

ORDER BY Orders.OrderID;

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