SELECT JobID,

JobTitle,

COUNT(EmployeeID) AS NumberOfEmployees

FROM employees

GROUP BY JobID, JobTitle

ORDER BY NumberOfEmployees DESC;  
  
  
SELECT JobID,

JobTitle,

COUNT(EmployeeID) AS NumberOfEmployees

FROM employees

GROUP BY JobID, JobTitle

ORDER BY NumberOfEmployees DESC;  
  
SELECT CountryID,

CountryName,

RegionName

FROM countries

WHERE RegionName = 'Europe';  
  
SELECT DepartmentID,

AVG(Salary) AS Average\_Of\_Salary

FROM employees

GROUP BY DepartmentID

HAVING AVG(Salary) > 5000;  
  
SELECT e.EmployeeID,

e.FirstName,

e.LastName,

e.DepartmentID,

d.DepartmentName,

(SELECT COUNT(\*)

FROM employees AS sub

WHERE sub.ManagerID = e.EmployeeID) AS NumberOfSubordinates

FROM employees AS e

JOIN departments AS d ON e.DepartmentID = d.DepartmentID

WHERE (SELECT COUNT(\*)

FROM employees AS sub

WHERE sub.ManagerID = e.EmployeeID) > 0

OR d.DepartmentName = 'IT';  
  
CREATE VIEW View\_FullName\_Employee AS

SELECT EmployeeID,

CONCAT(FirstName, ' ', LastName) AS FullName,

Salary

FROM employees

WHERE Salary > 12000;  
  
  
CREATE PROCEDURE Proc\_Num\_Employee

(

@fromDate DATE,

@toDate DATE,

@numberOfEmployees INT OUTPUT

)

AS

BEGIN

SELECT @numberOfEmployees = COUNT(\*)

FROM employees

WHERE HireDate BETWEEN @fromDate AND @toDate;

END;