Request 1

EXP: It will show employee that has first name Florence and Email FWILKINS if it exists.

SELECT \* FROM Employees WHERE First\_Name ='Florence'

AND Email = 'FWILKINS'



Request 2

EXP: It will show that employees that have salary 23000 and employees with salary 14990.

SELECT \* FROM Employees WHERE Annual\_Salary = 23000.00 OR Annual\_Salary = 14990.00



Request 3

EXP: Just employee with employee number 182.

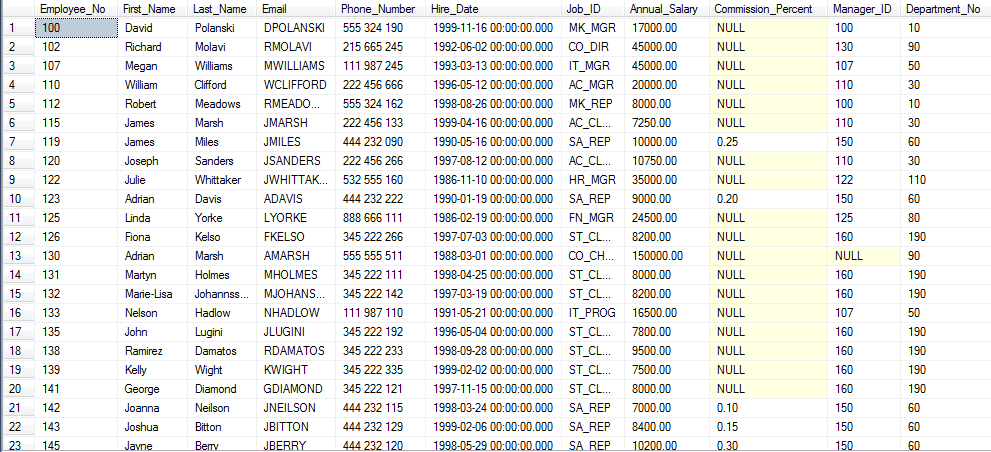
SELECT \* FROM Employees WHERE Employee\_No = 182



Request 4

EXP: Every employee except employee with Employee Number 182.

SELECT \* FROM Employees WHERE Employee\_No != 182



Request 5

EXP: Every employee that has last name starting with letter S.

SELECT Last\_Name, First\_Name, Employee\_No FROM Employees WHERE Last\_Name LIKE 'S%'



Request 6

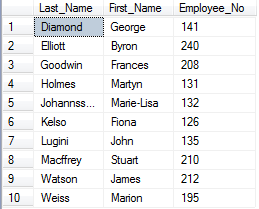
EXP: Diamond, George, 141 etc. Everybody that are hired before or on 26-08-1998 like stock clerk.

SELECT e.Last\_Name, e.First\_Name, e.Employee\_No FROM Employees e

JOIN Jobs j ON e.Job\_ID = j.Job\_ID

WHERE Hire\_Date <= '1998-08-26' AND j.Job\_Title = 'Stock Clerk'

ORDER BY Last\_Name ASC



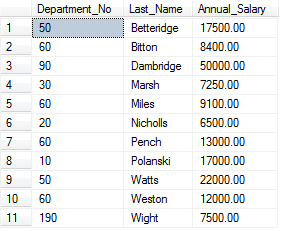
Request 7

EXP: 50, Betteridge, 17500.00 etc. Everbody that are hired between 1998-11-15 and 1999-12-07.

SELECT Department\_No, Last\_Name, Annual\_Salary FROM Employees

WHERE Hire\_Date BETWEEN '1998-11-15' AND '1999-12-07'

ORDER BY Last\_Name ASC



Request 8

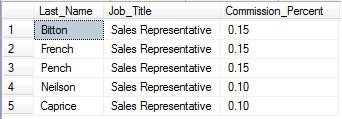
EXP: Bitton, Sales Representative, 0.15 etc. with Commission Percentage equal or less then 0.15.

SELECT e.Last\_Name, j.Job\_Title, e.Commission\_Percent FROM Employees e

JOIN Jobs j ON e.Job\_ID = j. Job\_ID

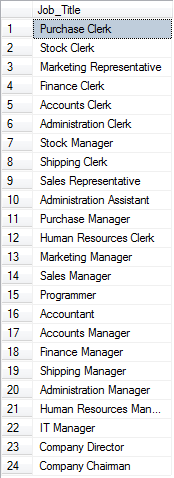
WHERE e.Commission\_Percent <= 0.15

ORDER BY e.Commission\_Percent DESC



Request 9  
  
EXP: Everything from table Jobs, with max salary begins from smallest to biggest number.

SELECT \* FROM Jobs ORDER BY Max\_Salary ASC



Request 10  
  
EXP: Department Number: 01, 02, etc.

Department Name: D1, D2, etc.

SELECT d.Department\_No, d.Department\_Name FROM Departments d

WHERE d.Department\_No NOT IN

(

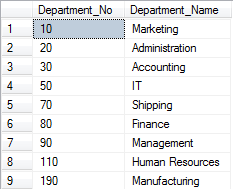
SELECT e.Department\_No FROM Employees e

JOIN Departments d ON e.Department\_No = d.Department\_No

JOIN Jobs j ON e.Job\_ID = j.Job\_ID

AND j.Job\_Title = 'Sales Representative'

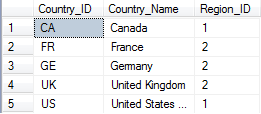
)



Request 11

EXP: Country\_ID: FR, GE, etc.  
Country\_Name: France, Germany, etc.

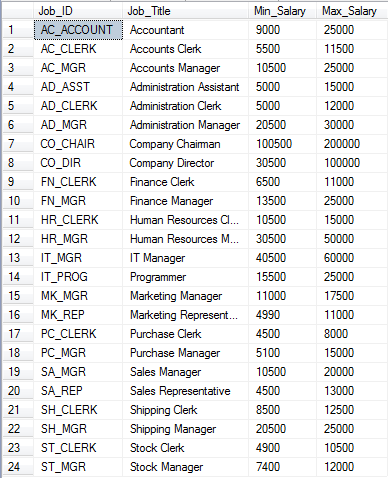
Region\_ID: 3, 2, etc.  
  
SELECT \* FROM Countries ORDER BY Country\_ID ASC



Request 12

EXP: If minimum salary was 8500 now will be 9000.

UPDATE Jobs SET Min\_Salary += 500



Request 13

EXP: Number

SELECT COUNT(\*) AS Total\_Number\_of\_Employees FROM Employees e

JOIN Departments d ON e.Department\_No = d.Department\_No

WHERE d.Department\_Name = 'Finance'



Request 14

EXP: Job\_ID : SA\_CLERK, Job\_Title: Sales Clerk, Min\_Salaray: 9000, Max\_Salary: 12000 in table Jobs.

INSERT INTO Jobs VALUES ('SA\_CLERK', 'Sales Clerk', 9000, 12000)



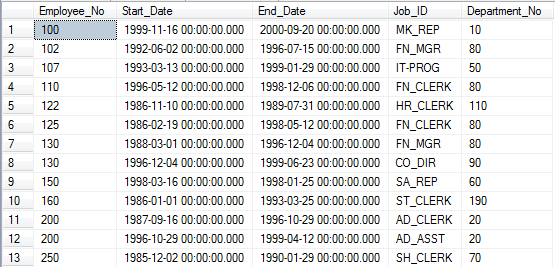
Request 15

1. EXP: Employee with Employee Number 104 will no longer be in table Job\_History

DELETE FROM Job\_History WHERE Employee\_No = 104

1. EXP: Employee Number: 10, 15, 17, etc.  
   Start Date, End Date, Job ID, Department Number

SELECT \* FROM Job\_History ORDER BY Employee\_No ASC



Request 16

EXP: Table with name SAL\_History, and columns: EMPID, FIRSTNAME, LASTNAME, HIREDATE, SAL

CREATE TABLE SAL\_History

(

EMPID INT PRIMARY KEY NOT NULL,

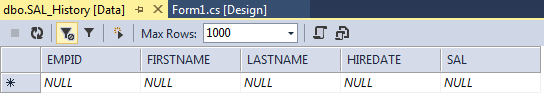
FIRSTNAME VARCHAR (20) NULL,

LASTNAME VARCHAR (25) NOT NULL,

HIREDATE DATETIME NOT NULL,

SAL DECIMAL (8, 2) NULL

)



Request 17

EXP: Number

SELECT CAST(ROUND(AVG(Annual\_Salary), 2) AS decimal (8,2)) FROM Employees

