L14: SubQueries

1-Tut: SQL query - 6

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Problem Statement:

List down all the Employees whose salary is greater than that of Monica Geller.

Information about the table:

Table **Employee**:

EmpCode	EmpName	Job	Manager	HireDate	Salary	DeptCode
9369	Ted Mosby	SOFTWARE ENGINEER	7902	1980-12-17		20
9499	Robin Scherbatsky	SALESMAN	7698	1981-02-20	1000	30
9566	Lily Aldrin	MANAGER	7839	1981-04-02	Mai	20
9654	Phoebe Buffay	SALESMAN	7698	1981-09-28	1203	30
9782	Monica Geller	MANAGER	7839	1981-06-09	2562	10
9788	Chandler Bing	ANALYST	7566	1982-12-09	2035	20
9839	Marshall Eriksen	PRESIDENT	7566	1981-11-17	5.8 83	10

Output Table Structure:

+-		-			 	 	+
	Em	ıpl	Na	me			
+-		-			 	 	+

Note-1: Write keywords of syntax in uppercase alphabets.

Note-2: You are not authorized to view the salaries of the employees.

SELECT EmpName

FRom Employee

where

salary > (select salary from Employee where Empname = 'Monica Geller');

2-Tut: SQL query - 7

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Problem Statement:

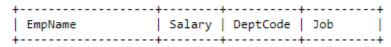
List down all the employees whose job is the same as Phoebe Buffay.

Information about the table:

Table **Employee**:

EmpCode	EmpName	Job	Manager	HireDate	Salary	DeptCode
9369	Ted Mosby	SOFTWARE ENGINEER	7902	1980-12-17	2800	20
9499	Robin Scherbatsky	SALESMAN	7698	1981-02-20	1600	30
9566	Lily Aldrin	MANAGER	7839	1981-04-02	3570	20
9654	Phoebe Buffay	SALESMAN	7698	1981-09-28	1250	30
9782	Monica Geller	MANAGER	7839	1981-06-09	2940	10
9788	Chandler Bing	ANALYST	7566	1982-12-09	3000	20
9839	Marshall Eriksen	PRESIDENT	7566	1981-11-17	5000	10

Output Table Structure:



Note: Write keywords of syntax in uppercase alphabets.

select EmpName,Salary,DeptCode,Job

FROM Employee

WHERE Job IN (SELECT Job From Employee WHERE EmpName = 'Phoebe Buffay');

3-Tut: SQL query - 8

Send Feedback

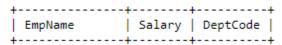
Problem Statement:

List down the min salary with the employee name for all the departments.

Information about the table: Table **Employee**:

EmpCode	EmpName	Job	Manager	HireDate	Salary	DeptCode
9369	Ted Mosby	SOFTWARE ENGINEER	7902	1980-12-17	2800	20
9499	Robin Scherbatsky	SALESMAN	7698	1981-02-20	1600	30
9566	Lily Aldrin	MANAGER	7839	1981-04-02	3570	20
9654	Phoebe Buffay	SALESMAN	7698	1981-09-28	1250	30
9782	Monica Geller	MANAGER	7839	1981-06-09	2940	10
9788	Chandler Bing	ANALYST	7566	1982-12-09	3000	20
9839	Marshall Eriksen	PRESIDENT	7566	1981-11-17	5000	10

Output Table Structure:



SELECT EmpName, Salary, DeptCode

FROM Employee

WHERE Salary IN (SELECT MIN(Salary) FROM Employee GROUP BY DeptCode);

4-Tut: Sub query - 9

Send Feedback

Problem Statement:

Print out all the employees with their respective Departments even if any employee's salary is more than 4000.

Information about the table:

Table **Employee**:

EmpCode	EmpName	Job	Manager	HireDate	Salary	DeptCode
9369	Ted Mosby	SOFTWARE ENGINEER	7902	1980-12-17	2800	20
9499	Robin Scherbatsky	SALESMAN	7698	1981-02-20	1600	30
9566	Lily Aldrin	MANAGER	7839	1981-04-02	3570	20
9654	Phoebe Buffay	SALESMAN	7698	1981-09-28	1250	30
9782	Monica Geller	MANAGER	7839	1981-06-09	2940	10
9788	Chandler Bing	ANALYST	7566	1982-12-09	3000	20
9839	Marshall Eriksen	PRESIDENT	7566	1981-11-17	5000	10

Output Table Structure:

+	++
EmpName	DeptCode
+	++

Hint: use EXISTS operator.

Note: Write keywords of syntax in uppercase alphabets.

SELECT EmpName, DeptCode

FROM Employee

WHERE EXISTS (SELECT Salary FROM Employee WHERE Salary > 4000);

5-Tut: Subquery Problem- 12

Send Feedback

Problem Statement:

Print the employee details for all employees who earn more than the average salary and having an "e" in their name.

Information about the table:

Table **Employee**:

EmpCode	EmpName	Job	Manager	HireDate	Salary	DeptCode
9369	Ted Mosby	SOFTWARE ENGINEER	7902	1980-12-17	2800	20
9499	Robin Scherbatsky	SALESMAN	7698	1981-02-20	1600	30
9566	Lily Aldrin	MANAGER	7839	1981-04-02	3570	20
9654	Phoebe Buffay	SALESMAN	7698	1981-09-28	1250	30
9782	Monica Geller	MANAGER	7839	1981-06-09	2940	10
9788	Chandler Bing	ANALYST	7566	1982-12-09	3000	20
9839	Marshall Eriksen	PRESIDENT	7566	1981-11-17	5000	10

Output Table Structure:

+	+	+
EmpCode	EmpName	Salary
+	+	+

Note: Write keywords of syntax in uppercase alphabets.

Select EmpCode,EmpName,Salary
From Employee WHERE Salary >(SELECT AVG(Salary) From Employee)
AND EmpName LIKE '%e%';

6-Tut: SQL Query - 11

Send Feedback

Problem Statement:

List down the employee details with their annual salary, given that the annual salary of the employees being listed should be greater than 30000

Information about the table:

Table **Employee**:

EmpCode	EmpName	Job	Manager	HireDate	Salary	DeptCode
9369	Ted Mosby	SOFTWARE ENGINEER	7902	1980-12-17	2800	20
9499	Robin Scherbatsky	SALESMAN	7698	1981-02-20	1600	30
9566	Lily Aldrin	MANAGER	7839	1981-04-02	3570	20
9654	Phoebe Buffay	SALESMAN	7698	1981-09-28	1250	30
9782	Monica Geller	MANAGER	7839	1981-06-09	2940	10
9788	Chandler Bing	ANALYST	7566	1982-12-09	3000	20
9839	Marshall Eriksen	PRESIDENT	7566	1981-11-17	5000	10

Output Table Structure:

+	+	+	++
EmpCode	EmpName	Salary	A_Sal
+	+	+	++

Note: Write keywords of syntax in uppercase alphabets.

select EmpCode,EmpName,Salary,A_sal from (select EmpCode ,EmpName ,Salary , Salary*12 as A_sal from Employee) qone where qone.A_sal >30000;