**SQL TASK -1**

**To create Database**

**create database task\_1;**

**To create Table -1 (Employee)**

**create table employee**

**(**

**EM\_ID int primary key AUTO\_INCREMENT,**

**FIRST\_NAME varchar(255),**

**LAST\_NAME varchar(255),**

**SALARY INT,**

**JOINING\_DATE date,**

**DEPARTMENT varchar(255)**

**)**

**To create Table -2 (Incentives)**

**create table incentives**

**(**

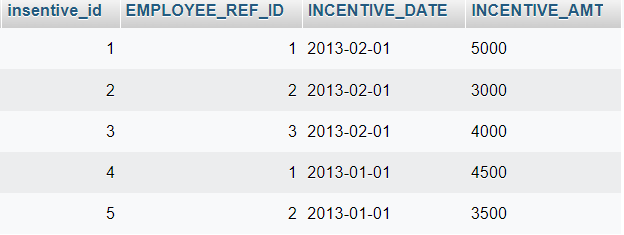
**insentive\_id int primary key AUTO\_INCREMENT,**

**EMPLOYEE\_REF\_ID INT,**

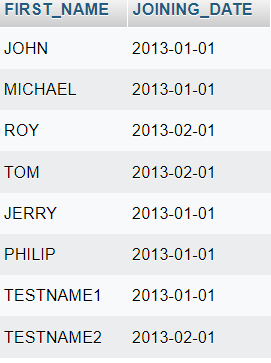
**INCENTIVE\_DATE date,**

**INCENTIVE\_AMT varchar(255)**

**)**

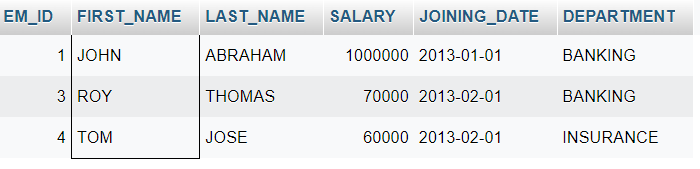


**A.Get First\_Name from employee table using alias name “Employee Name**

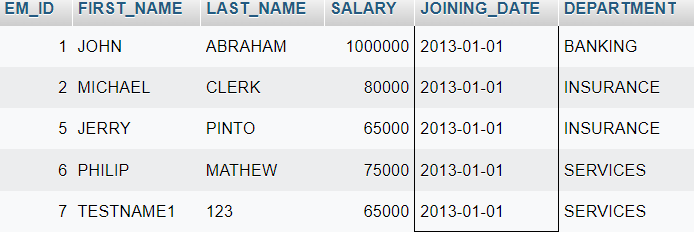
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**c) Get all employee details from the employee table order by First Name Ascending And Salary descending?**

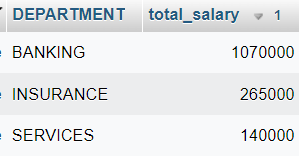
**D.Get employee details from employee table whose first name contains „o‟.**

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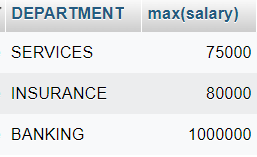
**e) Get employee details from employee table whose joining month is “January”.**

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**f) Get department, total salary with respect to a department from employee table Order By total salary descending.**

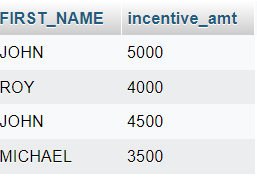
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**G.Get department wise maximum salary from employee table order by salary ascending?**

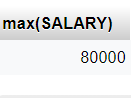
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**h) Select first\_name, incentive amount from employee and incentives table for those Employees who have incentives and incentive amount greater than 3000**

**select FIRST\_NAME,incentive\_amt from employee inner join incentives on employee.EM\_ID=incentives.EMPLOYEE\_REF\_ID and incentive\_amt > 3000;**

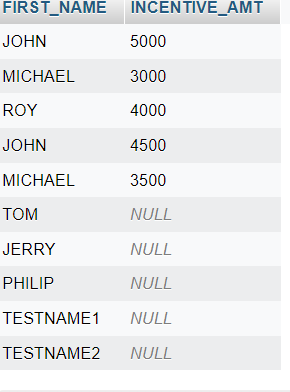
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1. **Select 2nd Highest salary from employee table.**

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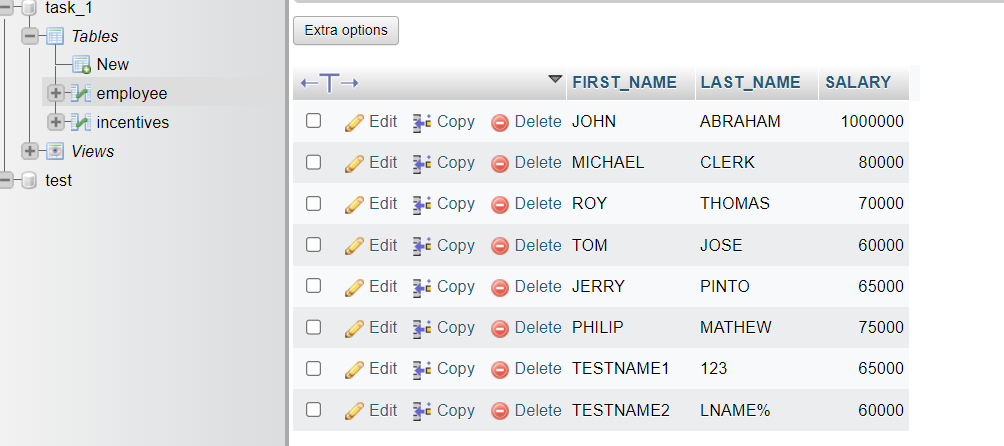
**j) Select first\_name, incentive amount from employee and incentives table for all Employees who got incentives using left join.**

**select FIRST\_NAME,INCENTIVE\_AMT from employee left join incentives on employee.EM\_id=incentives.EMPLOYEE\_REF\_ID;**

****

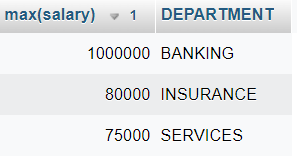
**K.Create View OF Employee table in which store first name, last name and salary only.**

**->create view multiview as select FIRST\_NAME,LAST\_NAME,SALARY from employee;**

****

**l) Create Procedure to find out department wise highest salary**.

**select max(salary),DEPARTMENT from employee group by department order by max(salary) desc;**

****

**m)Create after Insert trigger on Employee table which insert records in view table**

**SQL TASK -2**

* **To Create Table - 1 SALES\_PERSON**

**create table CUSTOMER**

**(**

**SNO int,**

**SNAME varchar(255),**

**CITY varchar(255),**

**COMM int,**

**)**



* **To Create Table – 2 CUSTOMER**

**create table CUSTOMER**

**(**

**CNM int,**

**CNAME varchar(255),**

**CITY varchar(255),**

**RATING int,**

**SNO int**

**)**



* **To Create Table – 3 Order**

**create table ORDER**

**(**

**ONM int,**

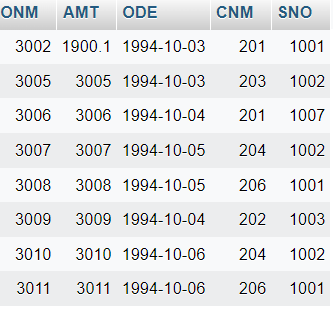
**AMT float,**

**ODE date,**

**CNM int,**

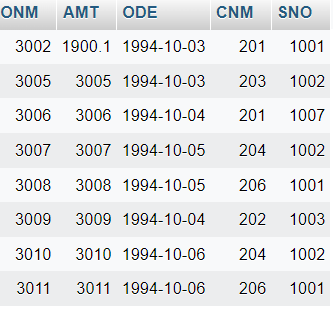
**SNO int**

**)**

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1. **All orders for more than $1000.**

**select \* from order\_1 where amt > 1000;**



1. **Names and cities of all salespeople in London with commission above 0.10.**



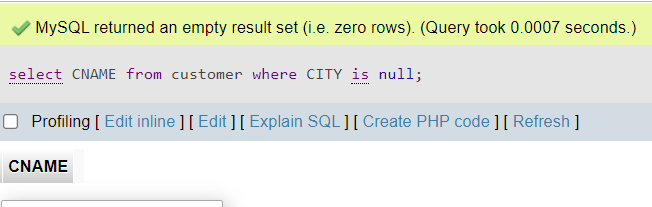
**c)All salespeople either in Barcelona or in London.**

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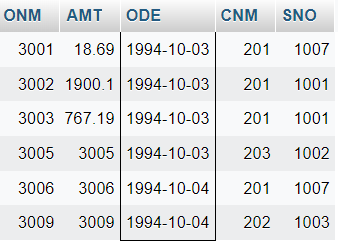
**D)All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded**



**e) All customers with NULL values in city column.**

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f**) All orders taken on Oct 3Rd and Oct 4th 1994.**

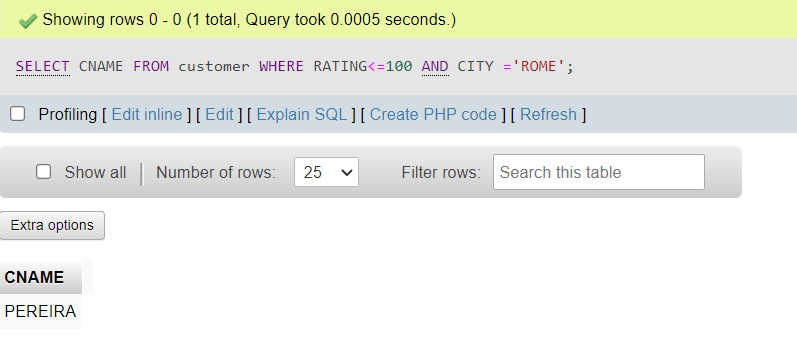
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* **All customers whose names begin with a letter from A to B**

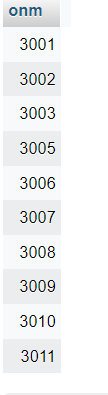
**SELECT cname FROM customer WHERE cname like 'A%' or cname like 'B%';**

****

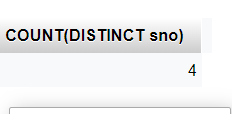
**All customers excluding those with rating <= 100 unless they are located in Rome.**

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**All orders except those with 0 or NULL value in amt field.**

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**Count the number of salespeople currently listing orders in the order table.**

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