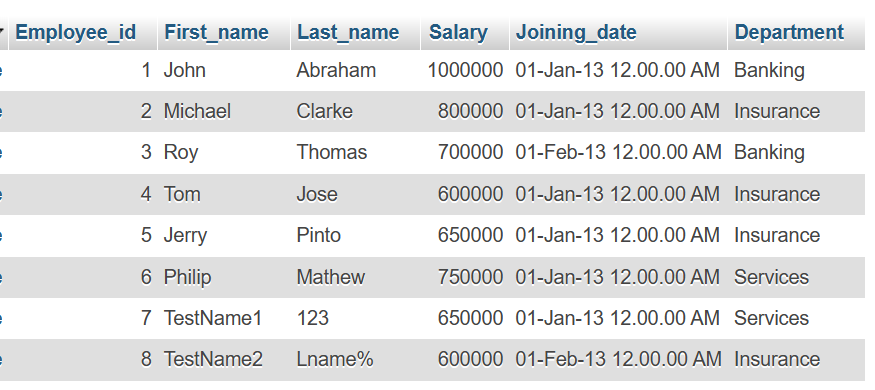
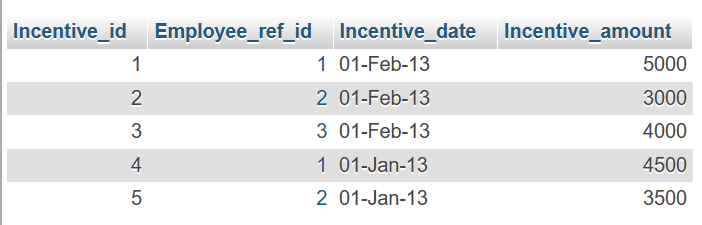
**Topic – SQL**

**Task-1**

**TABLE: - Employee**

****

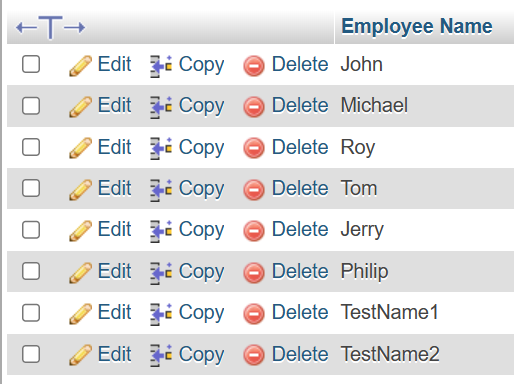
**TABLE: - Incentives**

****

**a) Get First\_Name from employee table using alias name “Employee Name”.**

**Query:-**

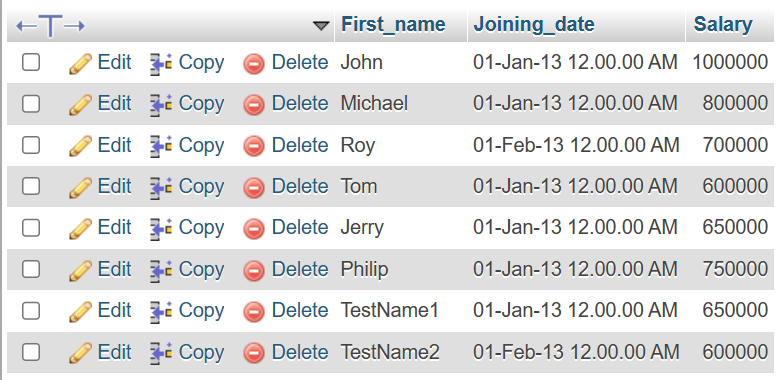
SELECT First\_name as "Employee Name" FROM employee;



**b) Get FIRST\_NAME, Joining year, Joining Month and Joining Date from employee table.**

**Query:-**

SELECT First\_name,Joining\_date,Salary FROM employee;



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

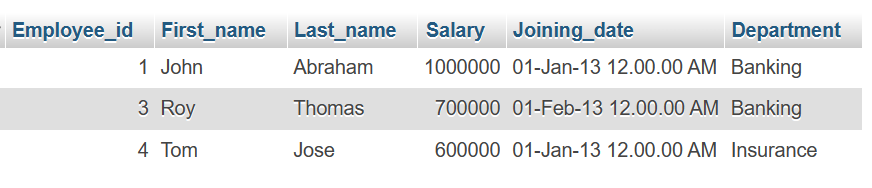
**Query:-**

SELECT \* FROM employee ORDER BY First\_name ASC, Salary DESC;

****

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

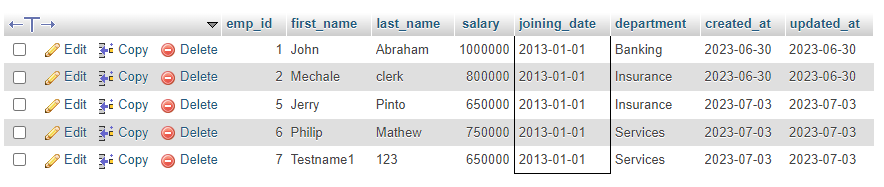
**Query:-**

SELECT \* FROM employee WHERE First\_name LIKE ‘„o‟’; ****

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

**Query:-**

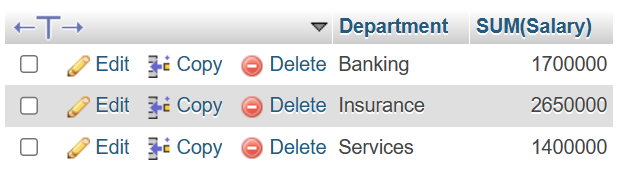
Select \* from employee where Month (Joining\_date)="Jan";



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

**Query:-**

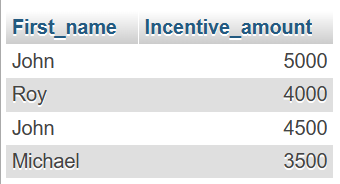
Select Department, SUM (Salary) FROM employee GROUP BY Department ORDER BY DESC (Salary);



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

**Query:-**

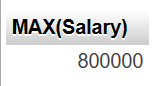
SELECT First\_name ,Incentive\_amount FROM employee A INNER JOIN incentive B ON A.Employee\_id=B.Employee\_ref\_id AND Incentive\_amount >3000;



**i) Select 2nd Highest salary from employee table.**

**Query:-**

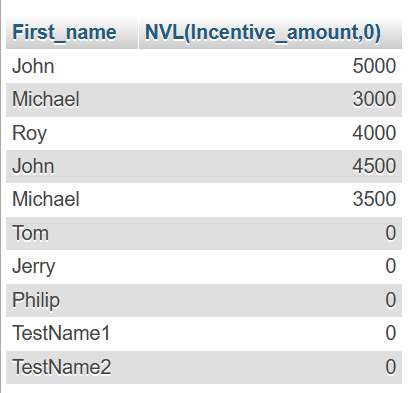
SELECT MAX (Salary) FROM employee WHERE Salary < (SELECT MAX(Salary)FROM employee);

****

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

**Query:-**

SELECT First\_name,NVL(Incentive\_amount,0) FROM employee A LEFT JOIN incentive B ON A.Employee\_id=B.Employee\_ref\_id;

****

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

**Query:-**

SELECT Employee\_id, First\_name, Department FROM employee LEFT JOIN incentive ON incentive\_id = incentive\_id;



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

**Query:-**

CREATE TRIGGER 'after insert' AFTER INSERT ON 'employee' FOR EACH ROW INSERT INTO Views (id,first\_name,last\_name,salary,joining\_date,department) values (new.Employee\_id,new.First\_name,new.Last\_name,new.Salary,new.Joining\_date,new.Department);

