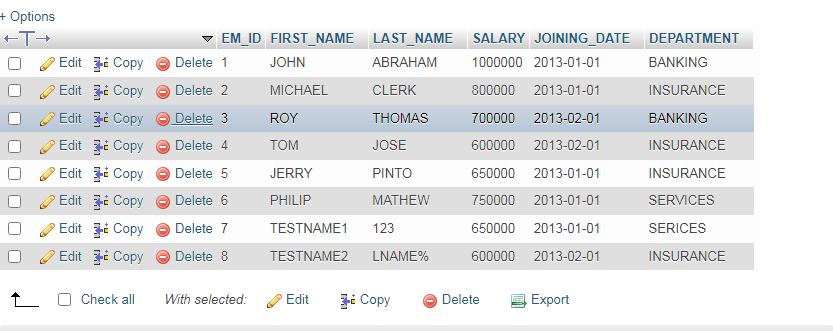
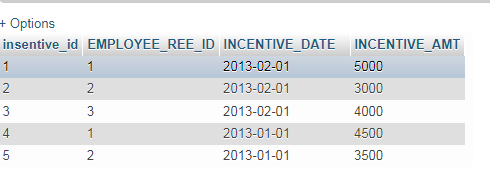
**Create database ->tops\_emp**

**Table name - > employee**



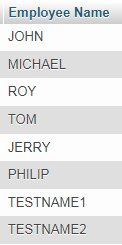
**Create database**

**Table name - > incentive**



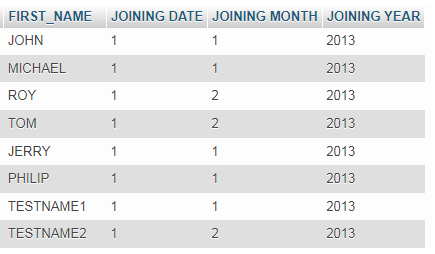
1. Get First\_name from employee table using alias name “Employee Name”.

Ans=> SELECT FIRST\_NAME "Employee Name" FROM employee ;



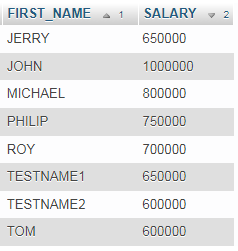
1. Get FIRST\_NAME, Joining, Joining year, Joining Month and Joining Date form employee table.

Ans=> SELECT FIRST\_NAME, DAY(JOINING\_DATE) as "JOINING DATE",MONTH(JOINING\_DATE) AS "JOINING MONTH", YEAR(JOINING\_DATE) as "JOINING YEAR" FROM employee;



1. Get all employee details from the emplolee table order by First Name Ascending and Salary Descending?

Ans=> SELECT FIRST\_NAME,SALARY FROM employee ORDER BY FIRST\_NAME ASC,SALARY DESC;



1. Get employee details from employee table whose first name contains ,,o”;

Ans=> SELECT \* FROM employee WHERE FIRST\_NAME LIKE '%o%';



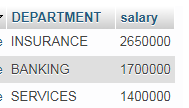
1. Get employee details from employee table ehose joining month is ‘’january’’.

Ans=> SELECT \* FROM employee WHERE MONTHNAME(JOINING\_DATE)='January';



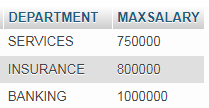
1. Get department, total salary with respect to a department from employee table order by total salary descending.

Ans=> SELECT DEPARTMENT, sum(SALARY) as salary FROM employee GROUP BY DEPARTMENT ORDER BY SALARY desc;



1. Get department wise maximum salary from employee table order by salary Ascending

Ans=> SELECT DEPARTMENT, MAX(SALARY) MAXSALARY FROM employee GROUP BY DEPARTMENT ORDER by SALARY ASC;



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

Ans=>

SELECT FIRST\_NAME FROM employee LEFT JOIN incentives ON employee.EM\_ID=incentives.EMPLOYEE\_REE\_ID WHERE INCENTIVE\_AMT>3000;



1. Select 2nd Highest salary form employee table.

Ans=> SELECT \* FROM employee ORDER BY SALARY DESC LIMIT 1,1;



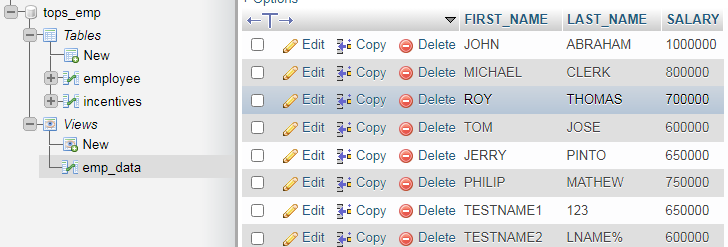
1. Select first\_name , incentive amount from employee and incentives table for all employee who got incentive using left join.

Ans=>

SELECT EM\_ID, FIRST\_NAME, SALARY, JOINING\_DATE, DEPARTMENT, INCENTIVE\_AMT FROM employee LEFT JOIN incentives ON employee.EM\_ID=incentives.EMPLOYEE\_REE\_ID WHERE INCENTIVE\_AMT>0;

1. Create View of employee table in which store first name, last name and saraly only

Ans=> CREATE VIEW EMP\_DATA AS SELECT FIRST\_NAME,LAST\_NAME,SALARY FROM employee;

****

1. Create Procedure to find out department wise highest salary.

Ans=>

DELIMITER //

CREATE PROCEDURE HIGHEST\_SALARY(IN DEPT VARCHAR(255))

BEGIN

SELECT DEPARTMENT,MAX(SALARY)

FROM employee

WHERE DEPARTMENT = DEPT GROUP BY DEPARTMENT;

END //

DELIMITER ;

1. Create After Insert trigger on employee table which insert records in view table.

Ans=>

DELIMITER//

CREATE TRIGGER AFTER\_INSERT\_RECORD AFTER INSERT ON employee FOR emp\_data;

BEGIN

INSERT INTO emp\_data SET ACTION='INCERT' FIRST\_NAME='HITESH',LAST\_NAME='JOSHI' SALARY='100000';

END//

DELIMITER ;