Que-3: Create table given below: Employee and Incentive.

CREATE TABLE Employee(

Employee\_id int PRIMARY KEY AUTO\_INCREMENT NOT NULL,

First\_name varchar(50),

Last\_name varchar(50),

Salary bigint(50),

Joining\_date varchar(50),

Department varchar(50)

);

INSERT INTO employee(First\_name,Last\_name,Salary,Joining\_date,Department) VALUES("John","Abraham",1000000,"01-JAN-13 12.00.00 AM","Banking"),("Michael","Clarke",800000,"01-JAN-13 12.00.00 AM","Insurance"),("Roy","Thomas",700000,"01-FEB-13 12.00.00 AM","Banking"),("Tom","Jose",600000,"01-FEB-13 12.00.00 AM","Insurance"),("Jerry","Pinto",650000,"01-FEB-13 12.00.00 AM","Insurance"),("Philip","Mathew",750000,"01-JAN-13 12.00.00 AM","Services"),("TestName1","123",650000,"01-JAN-13 12.00.00 AM","Services"),("TestName2","Lname%",600000,"01-FEB-13 12.00.00 AM","Insurance");



CREATE TABLE Incentive(

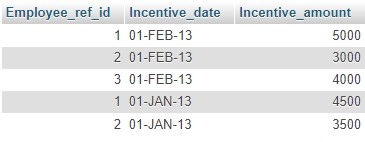
Employee\_ref\_id int(10) NOT NULL,

Incentive\_date varchar(50),

Incentive\_amount int(50)

);

INSERT INTO incentive(Employee\_ref\_id,Incentive\_date,Incentive\_amount) VALUES(1,"01-FEB-13",5000),(2,"01-FEB-13",3000),(3,"01-FEB-13",4000),(1,"01-JAN-13",4500),(2,"01-JAN-13",3500);



1. Get First\_Name from employee table using Tom name “Employee Name”.

* SELECT \* FROM employee WHERE First\_name="Tom";



1. Get FIRST\_NAME, Joining Date, and Salary from employee table.

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

A screenshot of a computer

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1. Get all employee details from the employee table order by First\_Name Ascending and Salary descending?

* SELECT \* FROM employee ORDER BY First\_name ASC;



* SELECT \* FROM employee ORDER BY Salary DESC;



1. Get employee details from employee table whose first name contains ‘J’.

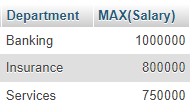
* SELECT \* FROM employee WHERE First\_name LIKE '%j%';

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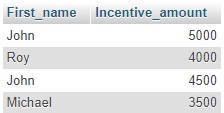
1. Get department wise maximum salary from employee table order by salary ascending?

* SELECT Department, MAX(Salary) FROM employee GROUP BY Department;



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

* SELECT employee.First\_name,incentive.Incentive\_amount FROM employee INNER JOIN incentive ON employee.Employee\_id=incentive.Employee\_ref\_id and Incentive\_amount > 3000



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

* CREATE TABLE employee\_detail(

Employee\_id int PRIMARY KEY AUTO\_INCREMENT NOT NULL,

First\_name varchar(50),

Last\_name varchar(50),

Salary bigint(50),

Joining\_date varchar(50),

Department varchar(50)

);

CREATE TRIGGER T1

AFTER INSERT ON employee

FOR EACH ROW

INSERT INTO employee\_detail

SET action = 'INSERT' ,

Employee\_id=new.Employee\_id,

First\_name=new.First\_name,

Last\_name=new.Last\_name,

Salary=new.Salary,

Joining\_date=new.Joining\_date,

Department=new.Department,

changedat = NOW();

