**TASK-3**

CREATE DATABASE Company;

USE Company;

CREATE TABLE Employee(

Employee\_id INT AUTO\_INCREMENT PRIMARY KEY,

FirstName VARCHAR(50) NOT NULL,

LastName VARCHAR(50) NOT NULL,

Salary DECIMAL(10,2),

Joinning\_date DATE,

Department VARCHAR(50)

);

CREATE TABLE Incentive (

Employee\_id INT,

Incentive\_date DATE,

Incentive\_amount DECIMAL(10,2),

FOREIGN KEY (Employee\_id) REFERENCES Employee(Employee\_id)

);

INSERT INTO Employee (Employee\_id,FirstName,LastName,Salary,Joinning\_date,Department)

VALUES

(1,'John', 'Abraham', 1000000 ,'01-01-13' ,'Banking'),

(2,'Michael', 'Clarke', 800000 ,'01-01-13','Insurance'),

(3,'Roy', 'Thomas', 700000 ,'01-02-13','Banking'),

(4,'Tom', 'Jose', 600000 ,'01-02-13','Insurance'),

(5,'Jerry', 'Pinto', 650000 ,'01-02-13','Insurance'),

(6,'Philip', 'Mathew', 750000 ,'01-01-13','Service'),

(7,'TestName1', 'Lname1', 650000,'01-01-13','Service'),

(8,'TestName2', 'Lname2', 600000,'01-02-13','Insurance');

INSERT INTO Incentive (Employee\_iD,Incentive\_date,Incentive\_amount)

VALUES

(1,'01-02-13',5000),

(2,'01-02-13',3000),

(3,'01-02-13',4000),

(1,'01-01-13',4500),

(2,'01-01-13',3500);

(A) Get First\_Name from employee table using Tom name “Employee Name”.

SELECT FirstName

FROM Employee

WHERE FirstName = 'Tom';

(B) Get FIRST\_NAME, Joining Date, and Salary from employee table.

SELECT FirstName, joinning\_date, Salary

FROM Employee;

(C) Get all employee details from the employee table order by First\_Name

Ascending and Salary descending?

SELECT \* FROM Employee

ORDER BY FirstName ASC, Salary DESC;

(D) Get employee details from employee table whose first name contains ‘J’.

SELECT \* FROM Employee

WHERE FirstName LIKE '%J%';

(E) Get department wise maximum salary from employee table order by salary

ascending?

SELECT Department, MAX(Salary) AS Max\_Salary

FROM Employee

GROUP BY Department

ORDER BY Max\_Salary ASC;

(F) Select first\_name, incentive amount from employee and incentives table for

those employees who have incentives and incentive amount greater than 3000

SELECT e.FirstName, i.Incentive\_amount

FROM Employee e

JOIN Incentive i ON e.Employee\_id = i.Employee\_id

WHERE i.Incentive\_amount > 100000;

(G) Create After Insert trigger on Employee table which insert records in view

table

CREATE TABLE Employee\_View (

Employee\_id INT PRIMARY KEY,

FirstName VARCHAR(50),

LastName VARCHAR(50),

Department VARCHAR(50),

Salary DECIMAL(10, 2),

JoiningDate DATE

);

DELIMITER //

CREATE TRIGGER After\_Insert\_Employee

AFTER INSERT ON Employee

FOR EACH ROW

BEGIN

INSERT INTO Employee\_View (Employee\_id, FirstName, LastName, Department, Salary, Joinning\_date)

VALUES (NEW.Employee\_id, NEW.FirstName, NEW.LastName, NEW.Department, NEW.Salary, NEW.Joinning\_date);

END;

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DELIMITER ;