Assignment

Module-2(Sql Task)

Task-1

BY **I1. Get First\_Name from employee table using alias name “Employee Name”.**

SELECT `first\_name` AS `employe name` FROM employee

**I2. Get FIRST\_NAME, Joining year, Joining Month and Joining Date from employee table.**

SELECT `first\_name`,`joining\_date`FROM employee

**I3. Get all employee details from the employee table order by First\_Name Ascending and Salary descending.**

SELECT \* FROM `employee`

ORDER BY `first\_name` ASC ,`salary` DESC

**I4. Get employee details from employee table whose first name contains ‘o’.**

SELECT \* FROM `employee` WHERE` first\_name` LIKE '%M%';

**I5. Get employee details from employee table whose joining month is “January”.**

SELECT `emp\_id`,`first\_name`,`last\_name`,`salary`,month(`joining\_date`)month ,`department` FROM employee WHERE month(`joining\_date`)=01;

**I6. Get department, total salary with respect to a department from employee table order by total salary descending.**

SELECT`department`,SUM(`salary`) FROM employee GROUP BY department ORDER BY `SUM(``salary``)` DESC

**I7. Get department wise maximum salary from employee table order by salary ascending.**

SELECT`department`,MAX(`salary`)Mxsalary FROM employee GROUP BY department ORDER BY `Mxsalary` ASC

**I8. 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\_amount`from employee A inner join incentive B on A.`emp\_id` = B.`employee\_ref\_id` and `incentive\_amount`> 3000

**I9. Select 2nd Highest salary from employee table.**

SELECT \* FROM employee ORDER BY salary DESC LIMIT 1,1

**I10. Select first\_name, incentive amount from employee and incentives table for all employees who got incentives using left join.**

SELECT employee.first\_name,incentive.incentive\_amount

FROM employee LEFT JOIN incentive

ON employee.emp\_id=incentive.employee\_ref\_id

**I11. Create View OF Employee table in which store first name ,last name and salary only.**

CREATE VIEW user\_info AS SELECT

`first\_name`,`last\_name`,`salary` FROM employee

**I12. Create Procedure to find out department wise highest salary.**

-> CREATE PROCEDURE highsalry()

SELECT `department`, MAX(`salary`) AS Mxsalary FROM employee GROUP department

**I13. Create After Insert trigger on Employee table which insert records in view table.**

CREATE TRIGGER backup\_emp AFTER INSERT ON employee FOR EACH ROW

INSERT INTO emp\_backup SET first\_name=NEW.first\_name,last\_name=NEW.last\_name,salary=NEW.salary,department=NEW.department

Task-2

**A1. All orders for more than $1000.**

Select \* from `order`

where amt > 1000;

**A2. Names and cities of all salespeople in London with commission above 0.10.**

SELECT `sname`,`city`,`comm` FROM salesperson WHERE city="london" AND comm > 0.10

**A8. All salespeople either in Barcelona or in London.**

SELECT \* FROM `salesperson` WHERE city="london" or city="india"

**A9. All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).**

**`**

**A10. All customers excluding those with rating <= 100 unless they are located in Rome.**



**A11. All orders except those with 0 or NULL value in amt field.**



**A12. Count the number of salespeople currently listing orders in the order table.**

