**TASK-1**

**Q-1 Get First\_Name from employee table using alias name “Employee Name”**

ALTER TABLE employee CHANGE FIRST\_NAME EMPLOYEE\_NAME VARCHAR(25**5);**

**Q-2 GET FIRST\_NAME, joining year , joining Month , and joing date from employee table**

SELECT FIRST\_NAME,JOINING\_DATE FROM employee;

**Q-3 GET all employee details from the employee table order by First Name Ascending And Salary descending**

SELECT First name,salary FROM employee ORDER BY FIRST\_NAME ASC,SALARY DESC;

**Q-4 Get employee details from employee table whose first name contains „o‟.**

SELECT \* FROM employee WHERE FIRST\_NAME LIKE 'o%'

**Q-5 Get employee details from employee table whose joining month is “January”.**

SELECT \* FROM employee WHERE JOINING\_DATE ='2013-01-01' AND '2013-01-31';

**Q-6 Get department, total salary with respect to a department from employee table Order By total salary descending.**

SELECT SALARY, DEPARTMENT FROM employee ORDER BY SALARY DESC

**Q-7 Get department wise maximum salary from employee table order by salary ascending?**

SELECT SALARY,DEPARTMENT FROM employee WHERE SALARY ORDER BY SALARY ASC

**Q-8 Select first\_name, incentive amount from employee and incentives table for those Employees who have incentives and incentive amount greater than 3000**

SELECT INCENTIVE\_AMT FROM incentive WHERE INCENTIVE\_AMT >3000

**Q-9 Select 2nd Highest salary from employee table.**

SELECT max(SALARY) FROM employee WHERE SALARY < (SELECT max(SALARY) FROM employee)

**Q-10 Select first\_name, incentive amount from employee and incentives table for all Employees who got incentives using left join.**

SELECT employee.\*, FIRST\_NAME,incentive\_amt FROM employee LEFT JOIN incentive ON employee.FIRST\_NAME=incentive.INCENTIVE\_AMT

**Q-11 Create View OF Employee table in which store first name, last name and salary only.**

SELECT FIRST\_NAME,LAST\_NAME,SALARY FROM employee

**Q-12 Create Procedure to find out department wise highest salary.**

SELECT MAX(SALARY),DEPARTMENT FROM employee group by DEPARTMENT

**Q-13 Create after Insert trigger on Employee table which insert records in view table.**

**TASK-2**

**Q-1 All orders for more than $1000.**

SELECT \* FROM `orders` WHERE AMT > 1000;

**Q-2 Namses and cities of all salespeople in London with commission above 0.10.**

SELECT SNAME,CITY FROM `sales\_person` WHERE CITY= 'LONDON' AND COMM > 0.10;

**Q-3 All salespeople either in Barcelona or in London.**

SELECT SNAME,CITY FROM `sales\_person` WHERE CITY IN('barcelona' , 'london');

**Q-4 All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).**

SELECT COMM FROM sales\_person WHERE COMM BETWEEN '0.10' and '0.12'

**Q-5 All customers with NULL values in city column.**

SELECT CITY FROM customer WHERE CITY= NULL;

**Q-6 All orders taken on Oct 3Rd and Oct 4th 1994.**

SELECT \* FROM `orders` WHERE ODE IN ('1994-10-03','1994-10-04')

**Q-7 All customers serviced by peel or Motika.**

SELECT SNAME FROM sales\_person WHERE SNAME IN ('MOTIKA','PELL')

**Q-8 All customers whose names begin with a letter from A to B**

SELECT `CNAME` FROM `customer` WHERE CNAME LIKE 'A%' OR 'B%'

**Q-9 All customers excluding those with rating <= 100 unless they are located in Rome.**

SELECT CITY,RATING FROM `customer` WHERE CITY='ROME' AND RATING < 100

**Q-10 All orders except those with 0 or NULL value in amt field.**

SELECT AMT FROM orders WHERE AMT=0

**Q-11 Count the number of salespeople currently listing orders in the order table.**

SELECT \* FROM `orders` WHERE ODE IN ('2013-02-01')