

a) Get First_Name from employee table using alias name “Employee Name”.

```
SELECT FIRST_NAME AS "Employee Name" from tbl_employee;
```

b) Get FIRST_NAME, Joining year, Joining Month and Joining Date from employee table.

```
SELECT FIRST_NAME,  
       YEAR(JOINING_DATE) AS JOINING_YEAR,  
       MONTH (JOINING_DATE) AS JOINING_MONTH,  
       DAY(JOINING_DATE) AS JOINING_DAY  
FROM tbl_employee;
```

c) Get all employee details from the employee table order by First Name Ascending And Salary descending?

```
select * from tbl_employee order by FIRST_NAME;  
select * from tbl_employee order by salary desc;
```

d) Get employee details from employee table whose first name contains „o”.

```
select * from tbl_employee where FIRST_NAME like '%o%';
```

e) Get employee details from employee table whose joining month is “January”.

```
SELECT * from tbl_employee WHERE JOINING_DATE like '%-01-%';
```

f) Get department, total salary with respect to a department from employee table Order By total salary descending.

```
SELECT sum(SALARY), DEPARTMENT FROM tbl_employee GROUP BY DEPARTMENT  
DESC;
```

g) Get department wise maximum salary from employee table order by salary ascending?

```
SELECT max(SALARY), DEPARTMENT FROM tbl_employee GROUP BY DEPARTMENT;
```

h) Select first_name, incentive amount from employee and incentives table for those Employees who have incentives and incentive amount greater than 3000

```
SELECT tbl_employee.FIRST_NAME, tbl_incentive.INCENTIVE_AMT FROM tbl_employee  
JOIN tbl_incentive ON tbl_employee.Em_ID=tbl_incentive.EMPLOYEE_REF_ID WHERE  
INCENTIVE_AMT > 3000;
```

i) Select 2nd Highest salary from employee table.

```
SELECT max(salary), firstname FROM employee AS 2nd_Highest_Salary WHERE salary <  
(SELECT MAX(salary) FROM employee);
```

j) Select first_name, incentive amount from employee and incentives table for all Employees who got incentives using left join.

```
SELECT tbl_employee.FIRST_NAME, tbl_incentive.INCENTIVE_AMT from tbl_employee  
LEFT JOIN tbl_incentive on tbl_employee.Em_ID=tbl_incentive.EMPLOYEE_REF_ID;
```

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

```
SELECT FIRST_NAME, LAST_NAME, SALARY from tbl_employee;
```

l) Create Procedure to find out department wise highest salary.

```
SELECT max(SALARY), DEPARTMENT FROM tbl_employee GROUP BY DEPARTMENT;
```

m) Create after Insert trigger on Employee table which insert records in view table

Not Applicable

a) All orders for more than \$1000.

```
SELECT amt from tbl_order WHERE 1000<amt;
```

b) Names and cities of all salespeople in London with commission above 0.10.

```
SELECT SNAME, CITY, COMM FROM tbl_salesperson WHERE CITY="LONDON" and COMM > 0.1;
```

c) All salespeople either in Barcelona or in London.

```
SELECT SNAME, CITY FROM tbl_salesperson WHERE CITY="LONDON" or CITY="BARCELONA";
```

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

```
SELECT SNAME, COMM FROM tbl_salesperson WHERE COMM BETWEEN 0.10 AND 0.12;
```

d) All customers with NULL values in city column.

```
SELECT CNAME FROM tbl_customer WHERE CITY IS NULL;
```

f) All orders taken on Oct 3Rd and Oct 4th 1994.

```
SELECT * FROM tbl_order WHERE ODE BETWEEN "1994-10-03" AND "1994-10-04";
```

g) All customers serviced by peel or Motika.

```
SELECT SNO, SNAME FROM tbl_salesperson WHERE SNAME="MOTIKA" OR SNAME="PEEL";
```

h) All customers whose names begin with a letter from A to B

```
SELECT CNAME FROM tbl_customer WHERE CNAME LIKE "A%" OR CNAME LIKE "B%";
```

i) All customers excluding those with rating ≤ 100 unless they are located in Rome.

```
SELECT CNAME,CITY,RATING FROM tbl_customer WHERE RATING $\leq$ 100 AND CITY="ROME";
```

j) All orders except those with 0 or NULL value in amt field.

```
SELECT ONM FROM tbl_order WHERE AMT IS NOT NULL;
```

k) Count the number of salespeople currently listing orders in the order table.

```
SELECT COUNT(DISTINCT SNO) FROM tbl_order;
```