**TASK-1**

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

**ANS :** ALTER TABLE employee CHANGE EMPLOYEE\_NAME EMPLOYEE\_NAME VARCHAR(255);

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

**ANS :**

SELECT FIRST\_NAME,

JOININGDATE from employee;

1. **Get all employee details from the employee table order by First Name Ascending And Salary descending?**

**ANS:**

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 „o‟.**

**ANS:**

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

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

**ANS:**

select \* from employee where JOININGDATE BETWEEN '2013-01-01' and '2013-01-31';

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

**ANS:**

SELECT SUM(SALARY) AS sumofsalary FROM employee;

SELECT\*FROM employee ORDER BY SALARY DESC;

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

**ANS:**

SELECT MAX(SALARY) AS MAXofsalary FROM employee;

SELECT\*FROM employee ORDER BY SALARY ASC;

1. **Select first\_name, incentive amount from employee and incentives table for those**

**Employees who have incentives and incentive amount greater than 3000**

**ANS:**

SELECT FIRST\_NAME , INCENTIVE\_AMT FROM employee INNER JOIN incentives ON employee.EM\_ID = incentives.EMPLOYEE\_REF\_ID AND INCENTIVE\_AMT>3000;

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

**ANS:**

SELECT max(salary) from employee where salary<(SELECT max(salary) from employee);

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

**ANS:**

SELECT FIRST\_NAME , INCENTIVE\_AMT from employee RIGHT JOIN incentives on employee . EM\_ID = incentives . EMPLOYEE\_REF\_ID;

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

**ANS:**

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) FIRST\_NAME , LAST\_NAME , SALARY  FROM employee;

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

**ANS:**

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) DEPARTMENT, [MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)(SALARY) FROM employee GROUP BY DEPARTMENT;

**TASK-2**

1. **All order for more than $1000**

**ANS:**

SELECT\* from orderr where amt > 1000;

1. **Names and Cities of all salespeople in London with commission above 0.10.**

**ANS:**

SELECT sname, city from sales\_person where comm > 0.10 [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) city = 'London';

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

**ANS:**

SELECT sname, city from sales\_person where city in (‘baroda’,’junagadh’);

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

**ANS:**

SELECT sname, comm from sales\_person where comm > 0.10 and comm < 0.12;

1. **All customers with NULL values in city column.**

**ANS:**

SELECT city from sales\_person WHERE city=null ;

1. **All orders taken on oct 3rd and oct 4th 1994**

**ANS:**

SELECT \* from orderr where ODE in (‘1994-10-03’,’1994-10-04’);

1. **All customers serviced by peel or motika**
2. **All customers whose names begin with a letter from A to B**

**ANS:**

SELECT cname from customer where cname like ‘A%’ or cname like ‘B%’;

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

**ANS:**

SELECT cname from customer where rating <= 100 OR city = ‘Rome’;

1. **All order except those with 0 or NULL value in amt field.**

**ANS:**

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) AMT from orderr WHERE '0';

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

**ANS:**

SELECT COUNT(SNAME) AS TOTAL\_SALSEPERSON FROM `sales\_person`