1. *Write a query to display the number of people with same job.*
2. *Determine the number of managers without listing them.*

*select count( distinct mgr) "no of mgr" from emp;*

*+-----------+*

*| no of mgr |*

*+-----------+*

*| 8 |*

*+-----------+*

*1 row in set (0.00 sec)*

1. *Write a query that will display the difference between the highest and lowest salaries*

*select max(sal)-min(sal) as "differnce sal " from emp;*

*+----------------+*

*| differnce sal |*

*+----------------+*

*| 4200.00 |*

*+----------------+*

*1 row in set (0.00 sec)*

1. *Display the manager number and salary of the lowest paid employee for that manager*

*.*

1. *Write a query to display the department number, location, number of employees and the average salary for all employees in that department.*
2. *Find out the department name in which the maximum number of employees works*

*select e.deptno,(count(e.job)) ,d.dname from emp e,dept d where e.deptno=d.deptno group by d.dname order by 2 desc limit 1;*

*+--------+----------------+-------+*

*| deptno | (count(e.job)) | dname |*

*+--------+----------------+-------+*

*| 30 | 10 | SALES |*

*+--------+----------------+-------+*

*1 row in set (0.00 sec)*

1. *Find out department in which no employees are working.*

*select deptno from dept where deptno not in(select deptno from emp);*

*+--------+*

*| deptno |*

*+--------+*

*| 40 |*

*+--------+*

*1 row in set (0.00 sec)*

1. *Write a query to find the employees who earn the lowest salary in each department. Display the result in the ascending order of salary.*

*select deptno,min(sal) from emp group by deptno order by sal asc;*

*+--------+----------+*

*| deptno | min(sal) |*

*+--------+----------+*

*| 20 | 800.00 |*

*| 30 | 950.00 |*

*| 10 | 1300.00 |*

*+--------+----------+*

*3 rows in set (0.00 sec)*

1. *Display only the name of the salesman who achieved the maximum total sales among all the salesman*
2. *Write a query to display the two lowest earner’s names and salaries.*

*select min(sal),ename from emp group by sal order by sal limit 2;*

*+----------+-------+*

*| min(sal) | ename |*

*+----------+-------+*

*| 800.00 | SMITH |*

*| 950.00 | JAMES |*

*+----------+-------+*

*2 rows in set (0.00 sec)*

1. *List the employee details if and only if more than 10 employees are present in department no 10.*
2. *List the employee details whose salary is greater than the lowest salary of an employee belonging to deptno 20.*
3. *List the details of the employee earning more than the highest paid manager.*
4. *Which department has the highest annual remuneration bill?*
5. *Which is the department having greater than or equal to 3 employees and display the department names in ascending order?*
6. *List out the employees who earn more than every employee in department 30.*
7. *List out the employees who earn more than the lowest salary in department 30.*