1. *Write a query to display the number of people with same job.*

***select job,count(\*) from emp group by job;***

1. *Determine the number of managers without listing them.*

***select count(\*) from emp where job='manager';***

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

***select (select max(sal) from emp)-(select min(sal) from emp) difference;***

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

***select (select ename from emp e where m.mgr=e.empno) mname,mgr,min(sal) from emp m group by mgr;***

1. *Write a query to display the department number, location, number of employees and the average salary for all employees in that department.*

***select deptno,(select loc from dept where deptno=e.deptno) loc,avg(sal) a,count(\*) from emp e group by deptno;***

1. *Find out the department name in which the maximum number of employees works*

***select \* from (select deptno, count(\*) c from emp group by deptno) t1 order by c desc limit 1;***

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

***select \* from dept where not exists (select true from emp where dept.deptno = emp.deptno);***

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 ename,emp.deptno,sal from (select deptno,min(sal) m from emp group by deptno)t,emp where emp.sal=m and emp.deptno=t.deptno order by sal;***

1. *Display only the name of the salesman who achieved the maximum total sales among all the salesman*

***select ename from emp where comm=(select max(comm) from emp where job='salesman');***

1. *Write a query to display the two lowest earner’s names and salaries.*

***select ename,sal from emp order by sal limit 2;***

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.*

***select ename,deptno,sal from emp where deptno=20 order by sal limit 1,1;***

1. *List the details of the employee earning more than the highest paid manager.*

***select ename,sal from emp where sal>(select min(sal) from emp where job='manager' group by job) order by sal limit 1;***

1. *Which department has the highest annual remuneration bill?*
2. *Which is the department having greater than or equal to 3 employees and display the department names in ascending order?*

***select \* from (select deptno,count(\*) c from emp group by deptno) t where c>=3 order by c;***

1. *List out the employees who earn more than every employee in department 30.*

***select \* from emp where sal>(select max(sal) from emp where deptno=30);***

1. *List out the employees who earn more than the lowest salary in department 30.*

***select \* from emp where sal>(select min(sal) from emp where deptno=30);***