Display below details from emp table

empno, sal, ename

SELECT empno,sal,ename

FROM emp

If there is a hike for clerks by 30% what is the change in monthly salary for this group

SELECT ename,(sal\*0.3)+sal AS 'inc sal'

FROM emp

if there is a hike in monthly salary by 20% for ford, what will be his annual Salary.

SELECT ename,((sal\*0.2)+sal)\*12 AS 'inc annual sal'

FROM emp

WHERE ename LIKE 'FORD'

what is the annual salary for each the employees sort by annual salary

SELECT (sal)\*12 AS ansal

FROM emp

ORDER BY ansal

1. What is the emp num of 'James'

SELECT empno

FROM emp

WHERE ename LIKE 'JAMES'

1. Waht is the salary of 'king'?

SELECT sal

FROM emp

WHERE ename LIKE 'KING'

1. Who is the President for organization?

SELECT ename

FROM emp

WHERE job LIKE 'PRESIDENT'

1. Which dept is in Boston?

SELECT dname

FROM DEPT

WHERE loc LIKE 'BOSTON'

1. What is the dept number of accounting?

SELECT deptno

FROM DEPT

WHERE dname LIKE 'ACCOUNTING'

1. List Employee names drawing sal bet 1500 & 3000?

SELECT ename

FROM emp

WHERE sal BETWEEN 1500 AND 3000

1. List all details of all the managers?

SELECT \*

FROM emp

WHERE job LIKE 'MANAGER'

1. Give emp details for employees drawing commission?

SELECT \*

FROM emp

WHERE comm IS NOT NULL

1. Who is the manager for dept no 30?

SELECT ename

FROM emp

WHERE deptno=30

1. List employees who joined before april-1981?

SELECT ename

FROM emp

WHERE hiredate<'1-APR-81'

1. What is the salary of following:

King, blake,ford,smith

SELECT sal

FROM emp

WHERE ename IN ('KING','BLAKE','FORD','SMITH')

1. Give the hiredate of president & managers

SELECT hiredate

FROM emp

WHERE job IN ('PRESIDENT','MANAGER')

1. Who is drawing salary less than 3500

SELECT ename

FROM emp

WHERE sal<3500

1. List the details of all the clerk

SELECT ename

FROM emp

WHERE job LIKE'CLERK'

1. List the names starting with A

SELECT ename

FROM emp

WHERE ename LIKE 'A%'

1. List the names whose name ends with D

SELECT ename

FROM emp

WHERE ename LIKE '%D'

1. List the names in which 3rd  character is L

SELECT ename

FROM emp

WHERE ename LIKE '\_\_L%'

 What is the total salary for each department

SELECT deptno, SUM(sal) sumsal

FROM emp

GROUP BY deptno;

 Who is drawing the lowest salary in dept 10

SELECT ename, MIN(sal) minsal

FROM emp

WHERE deptno=10;

 What is the average salary for Managers

SELECT AVG(sal) avgsal

FROM emp

WHERE job LIKE 'MANAGER'

GROUP BY job;

 What is the total salary for salesman

SELECT SUM(sal) sumsal

FROM emp

WHERE job LIKE 'salesman'

GROUP BY job;

 How many persons are in each role

SELECT job,COUNT(\*) total

FROM emp

GROUP BY job;

 How many persons are there in each role joined after Apr 81

//NOT WORKING PROPERLY

SELECT COUNT(\*) total

FROM emp

WHERE hiredate>'1-APR-81'; // HAVING don’t works here

 What is the highest salary among analyst

SELECT MAX(sal) maxsal

FROM emp

WHERE job LIKE 'ANALYST'

GROUP BY job;

 What is the highest commission paid

SELECT MAX(comm) maxcomm

FROM emp;

 How many departments are there

SELECT COUNT(\*)

FROM dept

GROUP BY dname;

* What is the average salary for each department

SELECT AVG(sal)

FROM emp

GROUP BY deptno;

* Which job role is having average salary less than 2000 and arrange in the order of average salary

SELECT job,AVG(sal) avgsal

FROM emp

GROUP BY job

HAVING avgsal<2000

ORDER BY 2;

* which department total salary is more than 10000?

SELECT deptno, TOTAL(sal) totsal

FROM emp

GROUP BY deptno

HAVING totsal>10000;

Select the last name and job id from all employees whose department id is equal to Accounting.

SELECT e.lastname,e.employeeid

FROM employees e

JOIN dept

WHERE dname LIKE 'ACCOUNTING';

**DOUBT** Find the first names of all employees whose salaries are greater than the minimum salary for the Manager

Display the details of the employee working in Chicago

SELECT \*

FROM emp

join dept d

where d.loc LIKE 'CHICAGO'

1. How many employees work in Chicago?

SELECT COUNT(\*)

FROM emp

join dept d

where d.loc LIKE 'CHICAGO'

1. Which employees work in Chicago?

SELECT e.ename

FROM emp e

join dept d

where d.loc LIKE 'CHICAGO'

1. List the employees’ names and cities in which they work. Order the list by city.

SELECT e.ename, d.loc

FROM emp e

join dept d

ON e.deptno=d.deptno

ORDER BY d.loc

​List the name and designation of the employees who does not report to anybody.

SELECT ename,job

FROM emp

WHERE MGR IS NULL;

Which department is not having any employees

SELECT dname,ename

FROM dept d

left outer join emp e

on e.deptno = d.deptno

list employees & their managers

SELECT e.ename employee, m.ename manager

FROM emp e, emp m

WHERE e.mgr = (SELECT m.empno

FROM emp

)

Select the last name and job id from all employees whose department id is equal to Accounting.

Find the first names of all employees whose salaries are greater than the minimum salary for the Manager

Display the details of the employee working in Chicago

1. How many employees work in Chicago?
2. Which employees work in Chicago?
3. List the employees’ names and cities in which they work. Order the list by city.
4. List the name and designation of the employees who does not report to anybody.
5. Which department is not having any employees
6. list employees & their managers
7. write a subquery using case statement to display non sales if dept is not sales

SELECT \*,

(CASE

WHEN dname NOT LIKE 'SALES'

THEN 'non sales' ELSE 'sales' END) department

FROM dept;

If salray of an employee is more than 1000, then display salary otherwise display 1000

SELECT ename,

(CASE

WHEN sal>1000

THEN sal ELSE '1000' END) salaried

FROM emp;

1. Display salary as low, medium high based on salary range

Less than 100 less

1000 to 2500 medium

More than 2500 high

SELECT ename,

(CASE

WHEN sal<1000

THEN 'less'

WHEN sal<2500

THEN 'medium'

ELSE 'high' END) salaried

FROM emp;