1. **Write a query to list all the employees who are working as clerk.**

SELECT ename

FROM emp

WHERE job LIKE "CLE%"

1. **Write a query to list the employees who are working as clerks or managers.**

SELECT ename

FROM emp

WHERE job LIKE "CLE%" OR

job LIKE "MAN%"

1. **Write a query to get the current date.**

SELECT DATE('now');

1. **Write a query to list the employees whose salaries are within the range of 500 and 1000.**

SELECT ename

FROM emp

WHERE sal >=500 AND

sal <=1000

1. **Write a query to list the employees who have joined in the month of December.**

SELECT \*

FROM emp

WHERE hiredate LIKE "\_-DEC-\_\_" OR

hiredate LIKE "\_\_-DEC-\_\_";

1. **Write a query to list the employees whose salaries are not within the range of 1000 and 2500.**

SELECT ename FROM emp

WHERE NOT sal BETWEEN 1000 AND 3000;

1. **Write a query who are getting 800, 950, 3000,5000.**

SELECT ename FROM emp

WHERE sal IN (800,950,3000,5000);

1. **To list all the employees whose names are having ‘L’ as second character.**

SELECT ename FROM emp

WHERE ename LIKE "\_L%";

1. **To list all the employees whose names are having ‘D’ as last character.**

SELECT ename FROM emp

WHERE ename LIKE "\_%d";

1. **To list all the employees whose names are having just 5 characters as length?**

SELECT ename FROM emp

WHERE length(ename) = 5;

1. **To list all the employees whose names are starting with ‘T’ and ending with ‘R’.**

SELECT ename FROM emp

WHERE ename LIKE "t%r";

1. **Display those employees whose name contains "A"?**

SELECT ename FROM emp

WHERE ename LIKE "%a%";

1. **Display those employees who joined the company before 19th of the month?**

SELECT ename,hiredate

FROM emp

WHERE CAST(hiredate as int) < 19;

1. **What is the employee number of 'James' .**

SELECT empno FROM emp

WHERE ename LIKE "JAMES";

1. **What 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 "PRES%";

1. **List all details of all the managers?**

SELECT \*,d.dname,d.loc

FROM emp e

LEFT JOIN dept d ON

e.deptno=d.deptno

WHERE job LIKE "MAN%";

1. **Give employee details for employees drawing commission?**

SELECT \*,d.dname,d.loc

FROM emp e

LEFT JOIN dept d ON

e.deptno=d.deptno

WHERE comm NOT NULL

AND comm <> 0;

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 ename,sal

FROM emp

WHERE ename in ("KING","BLAKE","FORD","SMITH");

1. **Who is drawing salary less than 3500?**

SELECT ename

FROM emp

WHERE sal < 3500;

1. **List the details of all the clerks.**

SELECT \*,d.dname,d.loc

FROM emp e

LEFT JOIN dept d ON

d.deptno=e.deptno

WHERE JOB LIKE "CLE%";

1. **what is the annual salary for each the employees?**

SELECT ename,sal\*12

FROM emp

1. **If there is a hike in monthly salary by 20% for ford, what will be his annual salary.**

SELECT ename,sal\*1.2\*12

FROM emp

WHERE ename LIKE "FORD"

1. **What is the total salary for each department?**

SELECT d.dname,SUM(e.sal)

FROM dept d

LEFT JOIN emp e ON e.deptno=d.deptno

GROUP BY dname;

1. **Who is drawing the lowest salary in dept 10?**

SELECT ename,MIN(sal)

FROM emp

WHERE deptno = 10;

1. **What is the average salary for Managers?**

SELECT ROUND(AVG(sal),2)

FROM emp

WHERE job LIKE "man%" ;

1. **What is the total salary for salesman?**

SELECT SUM(sal)

FROM emp

WHERE job LIKE "sal%" ;

1. **How many persons are in each role?**

SELECT job,COUNT(ename)

FROM emp

GROUP BY job;

1. **Which dept is having the lowest average salary?**

SELECT d.dname,round(avg(sal),2) as avgs

FROM emp e

JOIN dept d ON d.deptno=e.deptno

GROUP BY dname

ORDER BY avgs

LIMIT 1;

1. **What is the highest salary among analyst?**

SELECT max(sal)

FROM emp

WHERE job LIKE "ana%";

1. **What is the highest commission paid?**

SELECT max(comm)

FROM emp;

1. **How many departments are there?**

SELECT COUNT(\*)

from DEPT;

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

SELECT ename FROM emp

WHERE ename LIKE "\_\_L%";