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

SELECT EMPNO, ENAME, JOB

FROM EMP

WHERE JOB LIKE 'CLERK';

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

SELECT EMPNO, ENAME, JOB

FROM EMP

WHERE JOB IN ('CLERK', 'MANAGER');

1. Write a query to get the current date

SELECT CURRENT\_TIMESTAMP;

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

SELECT ENAME, SAL.

FROM EMP

WHERE SAL BETWEEN 500 AND 1000;

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

SELECT \* FROM EMP

WHERE HIREDATE LIKE '%DEC%';

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

SELECT ENAME, SAL

FROM EMP

WHERE SAL NOT BETWEEN 1000 AND 2500;

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

SELECT ENAME, SAL

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 who's name contains "A"?

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '%A%';

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

SELECT ENAME, HIREDATE

FROM EMP

WHERE TO\_CHAR(HIREDATE,'DD') < 19;

1. What is the employee number of 'James'

SELECT EMPNO, ENAME

FROM EMP

WHERE ENAME = 'JAMES';

1. What is the salary of 'king'?

SELECT EMPNO, ENAME, SAL

FROM EMP

WHERE ENAME = 'KING';

1. Who is the President for organization?

SELECT ENAME, JOB

FROM EMP

WHERE JOB = 'PRESIDENT';

1. List all details of all the managers?

SELECT \* FROM EMP

WHERE JOB = 'MANAGER';

1. Give employee details for employees drawing commission?

SELECT \* FROM EMP

WHERE COMM IS NOT NULL;

1. List employees who joined before april-1981?

SELECT ENAME, JOB, HIREDATE

FROM EMP

WHERE HIREDATE < ('01-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, SAL

FROM EMP

WHERE SAL < 3500;

1. List the details of all the clerks

SELECT \*

FROM EMP

WHERE JOB = 'CLERK';

1. What is the annual salary for each the employees

SELECT ENAME, SAL AS 'MONTHLY SALARY', SAL\*12 AS 'ANNUAL SALARY'

FROM EMP;

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

SELECT ENAME, SAL, SAL+(SAL\*20/100) AS 'HIKED\_SALARY', (SAL+(SAL\*20/100))\*12 AS 'ANNUAL SALARY'

FROM EMP

WHERE ENAME='FORD';

1. What is the total salary for each department

SELECT E.DEPTNO, D.DNAME, SUM(SAL) AS 'TOTAL SALARY'

FROM EMP E, DEPT D

WHERE E.DEPTNO = D.DEPTNO

GROUP BY E.DEPTNO;

1. Who is drawing the lowest salary in dept 10

SELECT ENAME, MIN(SAL) AS 'LOWEST SALARY'

FROM EMP

WHERE DEPTNO = 10;

1. What is the average salary for Managers

SELECT JOB, ROUND(AVG(SAL),2) AS 'AVERAGE SALARY'

FROM EMP

WHERE JOB = 'MANAGER';

1. What is the total salary for salesman

SELECT JOB, SUM(SAL) AS 'TOTAL SALARY'

FROM EMP

WHERE JOB = 'SALESMAN';

1. Which department is having the lowest average salary?

SELECT DEPTNO, AVG(SAL) AS 'LOW\_AVG\_SALARY'

FROM EMP

GROUP BY DEPTNO

HAVING AVG(SAL)< (SELECT AVG(SAL) FROM EMP);

1. How many persons are in each role

SELECT JOB, COUNT(\*) AS 'NO\_OF\_PERSONS'

FROM EMP

GROUP BY JOB;

1. What is the highest salary among analyst

SELECT JOB, MAX(SAL) AS 'HIGHEST SALARY'

FROM EMP

WHERE JOB = 'ANALYST';

1. What is the highest commission paid

SELECT ENAME, MAX(COMM) AS 'HIGHEST\_COMMISSION'

FROM EMP;

1. How many departments are there

SELECT COUNT(DEPTNO) AS 'NO\_OF\_DEPARTMENTS'

FROM DEPT;

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

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '\_\_L%';