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

SELECT ENAME,JOB

FROM EMP

WHERE JOB LIKE 'CLERK';

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

SELECT \*

FROM EMP

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

1. Write a query to get the current date

SELECT CAST ( GETDATE() AS DATE );

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

SELECT \*

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 ENAME,HIREDATE

FROM EMP

WHERE MONTH(HIREDATE)=12;

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

SELECT \*

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 LEN(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 DATEPART(DD,HIREDATE) < 19

1. What is the employee number of 'James'

SELECT ENAME, EMPNO

FROM EMP

WHERE ENAME LIKE 'JAMES';

1. What is the salary of 'king'?

SELECT ENAME,SAL

FROM EMP

WHERE ENAME LIKE 'KING';

1. Who is the President for organization?

SELECT ENAME,JOB

FROM EMP

WHERE JOB LIKE 'PRESIDENT';

1. List all details of all the managers?

SELECT ENAME,EMPNO,MGR,JOB,SAL,COMM,HIREDATE,DEPTNO

FROM EMP

WHERE JOB LIKE 'MANAGER';

1. Give employee details for employees drawing commission?

SELECT ENAME,COMM

FROM EMP

WHERE COMM IS NOT NULL

1. List employees who joined before april-1981?

SELECT \*

FROM EMP

WHERE HIREDATE < ('01-APR-81');

1. What is the salary of following:
2. 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 ENAME,EMPNO,JOB,MGR,SAL,HIREDATE,DEPTNO,COMM

FROM EMP

WHERE JOB LIKE 'CLERK';

1. what is the annual salary for each the employees

SELECT ENAME, 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/100)\*20))\*12 AS 'ANUAL SALARY'

FROM EMP

WHERE ENAME LIKE 'FORD';

1. What is the total salary for each department

SELECT DEPTNO, AVG(SAL) AS 'TOTAL'

FROM EMP

GROUP BY 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, AVG(SAL) AS 'AVERAGE'

FROM EMP

WHERE JOB LIKE 'MANAGER'

GROUP BY JOB;

1. What is the total salary for salesman

SELECT JOB, AVG(SAL) AS 'TOTAL'

FROM EMP

WHERE JOB LIKE 'SALESMAN'

GROUP BY JOB;

1. Which department is having the lowest average salary?

SELECT dep\_id,AVG(SAL)

FROM EMP

GROUP BY dep\_id

HAVING AVG(SAL) <

(SELECT AVG(SAL)

FROM EMP);

1. How many persons are in each role

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

FROM EMP

GROUP BY JOB

1. What is the highest salary among analyst

SELECT MAX(SAL) AS 'HIGHEST SAL'

FROM EMP

WHERE JOB LIKE 'ANALYST';

1. What is the highest commission paid

SELECT MAX(COMM) AS 'HIGHEST COMM PAID'

FROM EMP;

1. How many departments are there

SELECT COUNT(DISTINCT DEPTNO) AS 'TOTAL DEPARTMENTS'

FROM EMP;

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

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '\_\_\_L%';