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

SELECT empno , ename, sal ,job

FROM emp

WHERE job='clerk'

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

SELECT empno,ename,sal,job

FROM emp

WHERE job IN ('clerk','manager')

1. Write a query to get the current date

SELECT GETDATE();

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

SELECT empno , ename, sal ,job

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 EMPNO,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 empno , ename, sal ,job

FROM emp

WHERE SAL NOT BETWEEN 1000 AND 2500;

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

SELECT empno , ename, sal ,job

FROM emp

WHERE SAL NOT 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 ename LIKE '\_\_\_\_\_'

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?
2. What is the employee number of 'James'

SELECT ename,empno,job

FROM EMP

WHERE ename = 'JAMES'

1. What is the salary of 'king'?

SELECT ename,SAL,job

FROM EMP

WHERE ename = '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 EMPNO, ename,job,SAL

FROM EMP

WHERE job LIKE 'MANAGER'

1. Give employee details for employees drawing commission?

SELECT EMPNO, ename,job,SAL,COMM

FROM EMP

WHERE comm IS NOT NULL AND COMM!=0

1. List employees who joined before april-1981?

SELECT EMPNO, ename,job,SAL,HIREDATE

FROM EMP

WHERE HIREDATE < '01-APR-81'

1. What is the salary of following:

King, Blake, Ford, Smith

SELECT ENAME,JOB,SAL

FROM EMP

WHERE ENAME IN ('King', 'Blake', 'Ford', 'Smith');

1. Who is drawing salary less than 3500

SELECT ENAME,JOB,SAL

FROM EMP

WHERE SAL < 3500

ORDER BY SAL;

1. List the details of all the clerks

SELECT ENAME,JOB,SAL

FROM EMP

WHERE JOB LIKE 'CLERK';

1. what is the annual salary for each the employees

SELECT EMPNO,ENAME,JOB,SAL,SAL\*12 AS 'ANNUAL SAL'

FROM EMP;

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

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

FROM EMP

WHERE ENAME='FORD';

1. What is the total salary for each department

SELECT DEPTNO,SAL,

SUM(SAL) AS 'TOTAL SAL'

FROM EMP

GROUP BY DEPTNO,SAL;

1. Who is drawing the lowest salary in dept 10

SELECT ENAME,SAL,DEPTNO

FROM EMP

WHERE DEPTNO=10 AND SAL=(SELECT MIN(SAL)

FROM EMP

WHERE DEPTNO=10);

1. What is the average salary for Managers

SELECT ENAME,JOB,SAL,

AVG(SAL) AS 'AVG SAL'

FROM EMP

WHERE JOB LIKE 'MANAGER'

GROUP BY ENAME,JOB,SAL;

1. What is the total salary for salesman

SELECT ENAME,JOB,SAL,

SUM(SAL) AS 'TOTAL'

FROM EMP

WHERE JOB LIKE 'SALESMAN'

GROUP BY ENAME,JOB,SAL;

1. Which department is having the lowest average salary?

SELECT DEPTNO,

AVG(SAL) AS 'LOWEST AVG SAL'

FROM EMP

GROUP BY DEPTNO

HAVING AVG(SAL)<(SELECT AVG(SAL)

FROM EMP);

1. How many persons are in each role

SELECT job,

COUNT(ename) AS 'NO OF PERSONS'

FROM emp

GROUP BY job;

1. What is the highest salary among analyst

SELECT ENAME,JOB,SAL,

MAX(SAL) AS 'HIGHEST'

FROM EMP

WHERE JOB LIKE 'ANALYST'

GROUP BY ENAME,JOB,SAL;

1. What is the highest commission paid

SELECT COMM ,ENAME

FROM EMP

GROUP BY COMM ,ENAME

HAVING COMM=(SELECT MAX(COMM)

FROM EMP);

1. How many departments are there

SELECT COUNT(DEPTNO)

FROM DEPT;

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

SELECT ename

FROM EMP

WHERE ename LIKE '\_\_L%' ;