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

**Ans) SELECT ENAME, JOB**

**FROM EMP**

**WHERE JOB = 'Clerk';**

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

**ANS) SELECT ENAME, JOB**

**FROM EMP**

**WHERE JOB = 'Clerk' OR JOB = 'MANAGER';**

1. Write a query to get the current date

**Ans) SELECT GETDATE() AS 'Date';**

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

**Ans) 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

**Ans) SELECT\* FROM EMP**

**WHERE HIREDATE LIKE '%12%';**

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

**ANS) SELECT ENAME, SAL**

**FROM EMP**

**WHERE SAL NOT BETWEEN 1000 AND 2500;**

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

**ANS) 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

**ANS) SELECT ENAME**

**FROM EMP**

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

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

**ANS) SELECT ENAME**

**FROM EMP**

**WHERE ENAME LIKE '%D';**

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

**ANS) SELECT ENAME**

**FROM EMP**

**WHERE LEN(ENAME) = 5;**

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

**ANS) SELECT ENAME**

**FROM EMP**

**WHERE ENAME LIKE 'T%R';**

1. Display those employees who's name contains "A"?

**ANS) SELECT ENAME**

**FROM EMP**

**WHERE ENAME LIKE '%A%';**

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

**ANS) SELECT\***

**FROM EMP**

**WHERE HIREDATE LIKE '[1-2][0-9][0-9][0-9]-[0-1][0-9]-[0-1][0-9]%';**

1. What is the employee number of 'James'

**ANS) SELECT EMPNO, ENAME**

**FROM EMP**

**WHERE ENAME = 'JAMES';**

1. What is the salary of 'king'?

**ANS) SELECT ENAME,SAL**

**FROM EMP**

**WHERE ENAME = 'KING';**

1. Who is the President for organization?

**ANS) SELECT ENAME,JOB**

**FROM EMP**

**WHERE JOB = 'PRESIDENT';**

1. List all details of all the managers?

**ANS) SELECT \* FROM EMP**

**WHERE JOB = 'MANAGER';**

1. Give employee details for employees drawing commission?

**ANS) SELECT \* FROM EMP**

**WHERE COMM IS NOT NULL ;**

1. List employees who joined before april-1981?

**ANS) SELECT \***

**FROM EMP**

**WHERE HIREDATE<('1981-04-1');**

1. What is the salary of following:
2. King, Blake, Ford, Smith

**ANS) SELECT ENAME, SAL**

**FROM EMP**

**WHERE ENAME IN ('KING', 'BLAKE', 'FORD', 'SMITH');**

1. Who is drawing salary less than 3500

**ANS) SELECT ENAME, SAL**

**FROM EMP**

**WHERE SAL < 5000;**

1. List the details of all the clerks

**ANS) SELECT \***

**FROM EMP**

**WHERE JOB = 'CLERK';**

1. what is the annual salary for each the employees

**ANS) SELECT ENAME, SAL, 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

**ANS) SELECT ENAME, SAL=SAL\*0.2+SAL ,**

**(SAL\*12) + (SAL\*0.2\*12) AS 'ANNUAL SALARY'**

**FROM EMP**

**WHERE ENAME = 'FORD';**

1. What is the total salary for each department

**ANS) SELECT DEPTNO, SUM(SAL) AS ' TOTAL SAL'**

**FROM EMP**

**GROUP BY DEPTNO;**

1. Who is drawing the lowest salary in dept 10

**ANS) SELECT \***

**FROM EMP**

**WHERE SAL = (SELECT min(SAL) FROM EMP WHERE DEPTNO = 10);**

1. What is the average salary for Managers

**ANS) SELECT AVG(SAL) AS "Avg Salary"**

**FROM EMP**

**WHERE JOB = 'MANAGER';**

1. What is the total salary for salesman

**ANS) SELECT SUM(SAL) AS "TOTAL Salary"**

**FROM EMP**

**WHERE JOB = 'SALESMAN';**

1. Which department is having the lowest average salary?

**ANS) SELECT top 1 DEPTNO, AVG(SAL) AS 'AVERAGE SALARY'**

**FROM EMP**

**GROUP BY DEPTNO**

**ORDER BY AVG(SAL) ;**

1. How many persons are in each role

**Ans) SELECT JOB, COUNT(\*) AS 'NO. OF PEOPLE'**

**FROM EMP**

**GROUP BY JOB;**

1. What is the highest salary among analyst

**ANS) SELECT ENAME, SAL**

**FROM EMP**

**WHERE SAL = (SELECT MAX(SAL)**

**FROM EMP**

**WHERE JOB = 'ANALYST');**

1. What is the highest commission paid

**ANS) SELECT ENAME, COMM**

**FROM EMP**

**WHERE COMM = (SELECT MAX(COMM)**

**FROM EMP);**

1. How many departments are there

**ANS) SELECT COUNT(DISTINCT DEPTNO) AS ' TOTAL DEPTS'**

**FROM EMP;**

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

**ANS) SELECT ENAME**

**FROM EMP**

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