1. SELECT DNAME FROM DEPT WHERE DEPTNO NOT IN (SELECT DEPTNO FROM EMPLOYEE);

2. SELECT \* FROM EMPLOYEE WHERE JOB =(SELECT JOB FROM EMPLOYEE WHERE ENAME='SCOTT');

3. SELECT DNAME FROM DEPT WHERE DEPTNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE MGR IN(SELECT MGR FROM EMPLOYEE WHERE ENAME='SCOTT'));

4. SELECT \* FROM EMPLOYEE WHERE JOB =(SELECT JOB FROM EMPLOYEE WHERE ENAME='SCOTT') AND SAL > (SELECT SAL FROM EMPLOYEE WHERE ENAME='SMITH');

5. SELECT \* FROM EMPLOYEE WHERE JOB IN (SELECT JOB FROM EMPLOYEE WHERE ENAME IN('SCOTT','ALLEN'));

6. SELECT \* FROM EMPLOYEE WHERE EMPNO IN(SELECT MGR FROM EMPLOYEE);

7. SELECT \* FROM EMPLOYEE WHERE MGR =(SELECT EMPNO FROM EMPLOYEE WHERE ENAME='SCOTT');

8. SELECT MAX(SAL) FROM EMPLOYEE WHERE SAL<(SELECT MAX(SAL) FROM EMPLOYEE);

9. SELECT MAX(SAL) FROM EMPLOYEE WHERE SAL<(SELECT MAX(SAL) FROM EMPLOYEE WHERE SAL<(SELECT MAX(SAL) FROM EMPLOYEE));

10. SELECT \* FROM EMPLOYEE WHERE SAL> ALL(SELECT SAL FROM EMPLOYEE WHERE JOB='MANAGER');

11. SELECT \* FROM EMPLOYEE WHERE SAL> ANY(SELECT SAL FROM EMPLOYEE WHERE JOB='MANAGER');

12. SELECT EMPNO,JOB,SAL FROM EMPLOYEE WHERE JOB= 'ANALYST' AND SAL >ANY(SELECT SAL FROM EMPLOYEE WHERE JOB='MANAGER');

13. SELECT DNAME,LOCATION FROM DEPT WHERE DEPTNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE MGR IN (SELECT EMPNO FROM EMPLOYEE WHERE JOB='CLARK'));

14. SELECT \* FROM EMPLOYEE WHERE DEPTNO IN(SELECT DEPTNO FROM DEPT WHERE LOCATION ='DALLAS');

15. SELECT \* FROM EMPLOYEE WHERE SAL > (SELECT AVG(SAL) FROM EMPLOYEE WHERE DEPTNO=20);

16. SELECT \* FROM EMPLOYEE WHERE SAL=(SELECT MAX(SAL) FROM EMPLOYEE);

17. SELECT \* FROM EMPLOYEE WHERE HIREDATE=(SELECT MIN(HIREDATE) FROM EMPLOYEE);

18. SELECT \* FROM EMPLOYEE WHERE SAL> (SELECT SAL FROM EMPLOYEE WHERE ENAME='ALLEN');

19. SELECT DNAME FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE JOB='ANALYST');

20. SELECT DNAME FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE JOB=' SALESMAN');

21. SELECT \* FROM EMPLOYEE WHERE DEPTNO IN (SELECT DEPTNO FROM DEPT WHERE LOCATION='0');

22. SELECT DNAME FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMPLOYEE GROUP BY DEPTNO HAVING COUNT(\*)>=1);

23. SELECT DNAME FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMPLOYEE GROUP BY DEPTNO HAVING COUNT(\*)>=4);

24. SELECT DNAME FROM DEPT WHERE DEPTNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE JOB='CLARK' GROUP BY (DEPTNO) HAVING COUNT(\*)>=2);

25. SELECT ENAME FROM EMPLOYEE WHERE SAL=(SELECT MAX(SAL) FROM EMPLOYEE WHERE DEPTNO= (SELECT DEPTNO FROM DEPT WHERE DNAME='ACCOUNTING'));

26. SELECT DNAME FROM DEPT WHERE DEPTNO =(SELECT DEPTNO FROM EMPLOYEE WHERE COMM = (SELECT MAX(COMM) FROM EMPLOYEE));

27. SELECT \* FROM EMPLOYEE WHERE DEPTNO =(SELECT DEPTNO FROM EMPLOYEE WHERE ENAME='SCOTT');

28. SELECT \* FROM EMPLOYEE WHERE DEPTNO IN (SELECT DEPTNO FROM DEPT WHERE DNAME IN('OPERATIONS','ACCOUNTING')) AND SAL > (SELECT SAL FROM EMPLOYEE WHERE ENAME= 'MARTIN');

29. SELECT DNAME FROM DEPT WHERE DEPTNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE JOB=' SALESMAN' GROUP BY DEPTNO HAVING COUNT(\*) >=3 );

30. SELECT \* FROM EMPLOYEE WHERE MGR IS NULL;

31. SELECT \* FROM EMPLOYEE WHERE EMPNO NOT IN (SELECT MGR FROM EMPLOYEE WHERE MGR IS NOT NULL);

32. SELECT \* FROM EMPLOYEE WHERE EMPNO =(SELECT MGR FROM EMPLOYEE WHERE ENAME='ALLEN');

33. SELECT \* FROM EMPLOYEE WHERE DEPTNO IN (SELECT DEPTNO FROM DEPT WHERE DNAME IN ('ACCOUNTING','RESEARCH') ) AND EMPNO IN (SELECT MGR FROM EMPLOYEE GROUP BY MGR HAVING COUNT(\*)>=2);

34. SELECT DNAME FROM DEPT WHERE DEPTNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE ENAME LIKE 'S%' AND SALARY BETWEEN 1500 AND 3000);

35. SELECT LOCATION FROM DEPT WHERE DEPTNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE SAL IN (SELECT MIN(SAL) FROM EMPLOYEE WHERE SAL> 2000));

36. SELECT LOCATION FROM DEPT WHERE DNAME ='ACCOUNTING';

37. SELECT LOC FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMP GROUP BY DEPTNO HAVING COUNT(\*)>4);

38. SELECT \* FROM EMPLOYEE WHERE JOB NOT IN(SELECT JOB FROM EMPLOYEE WHERE ENAME='ALLEN') AND SAL > (SELECT SAL FROM EMPLOYEE WHERE ENAME='MARTIN');

39. SELECT \* FROM EMPLOYEE WHERE DEPTNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE EMPNO=(SELECT MGR FROM EMPLOYEE WHERE ENAME='FORD'));

40. SELECT JOB,MGR FROM EMPLOYEE WHERE MGR=(SELECT EMPNO FROM EMPLOYEE WHERE ENAME='SCOTT');

41. SELECT ENAME,HIREDATE,COMM FROM EMPLOYEE WHERE EMPNO=(SELECT MGR FROM EMPLOYEE WHERE EMPNAME='FORD');

42. SELECT COUNT(\*) FROM EMPLOYEE WHERE SAL>(SELECT SAL FROM EMPLOYEE WHERE EMPNO=(SELECT MGR FROM EMPLOYEE WHERE ENAME='SCOTT'));

43. SELECT \*FROM EMPLOYEE WHERE COMM=0 AND DEPTNO IN (SELECT DEPNO FROM DEPT WHERE LOCATION='NEWYORK')

44. SELECT \*FROM EMPLOYEE WHERE DEPTNO=(SELECT DEPNO FROM DEPT WHERE DNAME='ACCOUNTING') AND SAL>(SELECT AVG(SAL) FROM EMPLOYEE WHERE DEPTNO=(SELECT DEPNO FROM DEPT WHERE DNAME='ACCOUNTING'))

45. SELECT \*FROM EMPLOYEE WHERE DEPTNO=(SELECT DEPNO FROM DEPT WHERE DNAME='ACCOUNTING') AND EMPNO IN(SELECT MGR FROM EMPLOYEE)

46. SELECT DNAME FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE COMM>0)

47. SELECT DNAME FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE MGR=0 AND SAL=(SELECT MAX(SAL) FROM EMPLOYEE))

48. SELECT \*FROM EMPLOYEE WHERE MGR=(SELECT EMPNO FROM EMPLOYEE WHERE ENAME='BLAKE') AND COMM>0

49. SELECT DNAME,LOCATION FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE EMPNO IN(SELECT MGR FROM EMPLOYEE WHERE JOB='SALESMAN'))

50. SELECT DNAME, LOCATION FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE JOB='CLERK' AND SAL<(SELECT SAL FROM EMPLOYEE WHERE ENAME='MARTIN'))

51. SELECT \*FROM EMPLOYEE WHERE MGR NOT IN (SELECT EMPNO FROM EMPLOYEE WHERE JOB='PRESIDENT') AND MGR>0 AND COMM>0 AND SAL> (SELECT MAX(SAL) FROM EMPLOYEE WHERE JOB='CLERK')

52. SELECT \*FROM EMPLOYEE WHERE HIREDATE>ALL (SELECT MIN(HIREDATE)+ (365\*2) FROM EMPLOYEE ) AND SAL>(SELECT SAL FROM EMPLOYEE WHERE ENAME ='BLAKE');

53. SELECT LOCATION FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE MGR=(SELECT EMPNO FROM EMPLOYEE WHERE ENAME='BLAKE'))

54. SELECT \*FROM EMPLOYEE WHERE JOB=(SELECT JOB FROM EMPLOYEE WHERE ENAME='JONES') AND SAL<(SELECT SAL FROM EMPLOYEE WHERE ENAME='SCOTT')

55. SELECT E.SAL\*12,D.LOCATION,D.DNAME FROM EMPLOYEE E, DEPT D WHERE D.DEPNO=E.DEPTNO AND E.DEPTNO=(SELECT DEPTNO FROM EMPLOYEE WHERE ENAME='KING')

56. SELECT SAL\*12 AS SALARY, ENAME FROM EMPLOYEE WHERE DEPTNO IN(20,30) AND DEPTNO IN (SELECT DEPTNO FROM EMPLOYEE GROUP BY DEPTNO HAVING COUNT(\*)>=3);

57. SELECT DNAME FROM DEPT WHERE DEPNO=(SELECT DEPTNO FROM EMPLOYEE WHERE SAL= (SELECT AVG(SAL) FROM EMPLOYEE WHERE SAL<(SELECT AVG(SAL) FROM EMPLOYEE)) AND SAL=(SELECT MAX(SAL) FROM EMPLOYEE WHERE SAL<(SELECT MAX(SAL) FROM EMPLOYEE WHERE SAL<(SELECT MAX(SAL) FROM EMPLOYEE))));

58. SELECT \*FROM EMPLOYEE WHERE SAL<(SELECT MIN(SAL) FROM EMPLOYEE WHERE JOB='SALESMAN')

59. SELECT \*FROM EMPLOYEE WHERE HIREDATE<(SELECT MAX(HIREDATE) FROM EMPLOYEE)

60. SELECT \*FROM EMPLOYEE WHERE HIREDATE=(SELECT MAX(HIREDATE) FROM EMPLOYEE WHERE HIREDATE<(SELECT MAX(HIREDATE) FROM EMPLOYEE))

61. SELECT MIN(SAL) FROM EMPLOYEE WHERE SAL>(SELECT MIN(SAL) FROM EMPLOYEE WHERE SAL>(SELECT MIN(SAL) FROM EMPLOYEE))

62. SELECT \*FROM EMPLOYEE WHERE SAL>(SELECT MAX(SAL) FROM EMPLOYEE WHERE JOB='MANAGER')

63. SELECT \*FROM EMPLOYEE WHERE HIREDATE>(SELECT MIN(HIREDATE)+4\*365 FROM EMPLOYEE) AND SAL<(SELECT SAL FROM EMPLOYEE WHERE ENAME='BLAKE')

64. SELECT \*FROM DEPT WHERE LOCATION='NEWYORK'

65. SELECT \*FROM EMPLOYEE WHERE DEPTNO=20 ORDER BY SAL DESC

66. SELECT \*FROM EMPLOYEE WHERE HIREDATE=(SELECT MIN(HIREDATE) FROM EMPLOYEE WHERE HIREDATE>(SELECT MIN(HIREDATE) FROM EMPLOYEE))

67. SELECT LOCATION FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE ENAME LIKE 'A%' AND SAL BETWEEN 1000 AND 3000)

68. SELECT \*FROM EMPLOYEE WHERE MGR=(SELECT EMPNO FROM EMPLOYEE WHERE ENAME='BLAKE')

69. SELECT DNAME,LOCATION FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE EMPNO=(SELECT MGR FROM EMPLOYEE WHERE EMPNO IN(SELECT MGR FROM EMPLOYEE WHERE ENAME='MARTIN')))

70. SELECT ENAME,SAL FROM EMPLOYEE WHERE HIREDATE>(SELECT MAX(HIREDATE)-2\*365 FROM EMPLOYEE)

71. SELECT E.ENAME, E.JOB, D.DNAME FROM EMPLOYEE E, DEPT D WHERE E.DEPTNO=D.DEPNO AND E.COMM=0

72. SELECT E.ENAME,E.COMM, D.LOCATION FROM EMPLOYEE E, DEPT D WHERE E.DEPTNO=D.DEPNO AND E.COMM=(SELECT MAX(COMM) FROM EMPLOYEE)

73. SELECT \*FROM EMPLOYEE WHERE DEPTNO=(SELECT DEPNO FROM DEPT WHERE DNAME='ACCOUNTING') AND COMM>0

74. SELECT D.DNAME,E.ENAME FROM DEPT D,EMPLOYEE E WHERE D.DEPNO=E.DEPTNO AND D.DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE EMPNO=(SELECT MGR FROM EMPLOYEE WHERE EMPNO IN(SELECT MGR FROM EMPLOYEE WHERE ENAME='WARD')))

75. SELECT MAX(E.COMM) FROM DEPT D, EMPLOYEE E WHERE E.DEPTNO=D.DEPNO AND E.SAL>(SELECT AVG(SAL) FROM EMPLOYEE WHERE JOB='CLERK')

76. SELECT E.\*,D.LOCATION FROM EMPLOYEE E,DEPT D WHERE D.DEPNO=E.DEPTNO AND HIREDATE=(SELECT MAX(HIREDATE) FROM EMPLOYEE)

77. SELECT DEPNO FROM DEPT WHERE DNAME='ACCOUNTING' AND

78. SELECT D.DNAME FROM DEPT D, EMPLOYEE E WHERE D.DEPNO=E.DEPTNO AND E.SAL=(SELECT MIN(SAL) FROM EMPLOYEE) AND E.MGR>0

79. SELECT E.HIREDATE, D.DNAME FROM EMPLOYEE E, DEPT D WHERE D.DEPNO=E.DEPTNO AND D.DNAME='OPERATIONS'

80. SELECT D.LOCATION, D.DNAME FROM EMPLOYEE E, DEPT D WHERE D.DEPNO=E.DEPTNO AND E.JOB='PRESIDENT'

81. SELECT D.DNAME FROM DEPT D, EMPLOYEE E WHERE SAL=(SELECT MAX(SAL) FROM EMPLOYEE WHERE SAL<3000)

82. SELECT DNAME FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE WHERE MGR IN( SELECT EMPNO FROM EMPLOYEE WHERE ENAME='ADAMS'));

83. SELECT \* FROM EMPLOYEE WHERE HIREDATE=(SELECT MAX(HIREDATE) FROM EMPLOYEE);

84. SELECT \* FROM EMPLOYEE WHERE SAL>(SELECT AVG(SAL) FROM EMPLOYEE WHERE DEPTNO=30);

85. SELECT COUNT(\*) FROM EMP WHERE DEPTNO IN(SELECT DEPTNO FROM DEPT WHERE DNAME='RESEARCH') AND SAL< ANY(SELECT SAL FROM EMP WHERE DEPTNO=10);

86. SELECT DNAME FROM DEPT WHERE DEPNO IN(SELECT DEPNO FROM EMPLOYEE WHERE JOB='CLERK');

87. SELECT DNAME FROM DEPT WHERE DNAME LIKE '%T%';

88. SELECT \* FROM EMPLOYEE WHERE HIREDATE>(SELECT HIREDATE FROM EMPLOYEE WHERE ENAME='BLAKE');

89. SELECT DNAME FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE GROUP BY DEPTNO HAVING COUNT(\*) BETWEEN 3 AND 6);

90. SELECT LOC FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMP WHERE MGR IN (SELECT EMPNO FROM EMP WHERE SAL >2000))

91. SELECT \* FROM EMPLOYEE WHERE DEPTNO IN (SELECT DEPNO FROM DEPT WHERE DNAME LIKE '%C%C%')

92. SELECT ENAME,SAL FROM EMPLOYEE WHERE SAL > ANY(SELECT SAL FROM EMPLOYEE WHERE JOB='ANALYST');

93.  SELECT \* FROM EMPLOYEE WHERE DEPTNO IN(SELECT DEPNO FROM DEPT WHERE LOCATION='NEWYORK')

94. SELECT \* FROM EMP WHERE SAL = ( SELECT MIN (SAL) FROM EMP WHERE DEPTNO=(SELECT DEPTNO FROM DEPT

WHERE DNAME='RESEARCH'));

95. SELECT DNAME FROM DEPT WHERE DEPNO IN(SELECT DEPTNO FROM EMPLOYEE WHERE JOB='SALESMAN');

96. SELECT DNAME FROM DEPT WHERE DEPNO IN (SELECT DEPTNO FROM EMPLOYEE GROUP BY DEPTNO HAVING COUNT(\*)>=3);

97. SELECT ENAME FROM EMPLOYEE WHERE DEPTNO IN(SELECT DEPNO FROM DEPT WHERE DNAME IN('ACCOUNTING','RESEARCH')) AND EMPNO IN(SELECT MGR FROM EMPLOYEE GROUP BY MGR HAVING COUNT(\*)>=2)

98. SELECT ENAME,JOB,LOCATION FROM EMPLOYEE E,DEPT D WHERE E.DEPTNO=D.DEPNO AND JOB='MANAGER'AND LOCATION='NEWYORK';

99. SELECT E.ENAME,E.SAL,E.DEPTNO ,D.DNAME,D.LOCATION FROM EMPLOYEE E JOIN DEPT D ON D.DEPNO=E.DEPTNO WHERE D.LOCATION='DELLA' ORDER BY SAL DESC

100. SELECT \* FROM EMPLOYEE WHERE COMM=0 AND HIREDATE>'1983-07-31';

101. SELECT ENAME FROM EMPLOYEE WHERE DEPTNO IN(SELECT DEPNO FROM DEPT WHERE DNAME IN('SALES','RESEARCH'))

AND EMPNO IN(SELECT MGR FROM EMPLOYEE GROUP BY MGR HAVING COUNT(\*)>=2);