1)SELECT E2.ENAME AS MANAGER

FROM EMP E1

JOIN EMP E2 ON E1.MGR = E2.EMPNO

GROUP BY E2.ENAME

HAVING COUNT(E1.EMPNO) >= 3;

2) SELECT D.DNAME

FROM EMP E

JOIN DEPT D ON E.DEPTNO = D.DEPTNO

WHERE E.ENAME LIKE '%A%'

GROUP BY D.DNAME

HAVING COUNT(E.EMPNO) >= 3;

3) SELECT COUNT(\*)

FROM EMP

WHERE MGR = (SELECT EMPNO FROM EMP WHERE ENAME = 'KING');  
  
4) SELECT D.DNAME

FROM EMP E

JOIN DEPT D ON E.DEPTNO = D.DEPTNO

WHERE E.EMPNO = (SELECT MGR FROM EMP WHERE ENAME = 'SMITH');  
  
5) SELECT COUNT(\*)

FROM EMP

WHERE MGR = (SELECT MGR FROM EMP WHERE ENAME = 'BLAKE');  
  
6) SELECT E1.ENAME AS EMPLOYEE, E2.ENAME AS MANAGER

FROM EMP E1

JOIN EMP E2 ON E1.MGR = E2.EMPNO

JOIN DEPT D ON E2.DEPTNO = D.DEPTNO

WHERE D.DNAME = 'SALES';

7) SELECT D.DNAME, AVG(E.SAL) AS AVG\_SALARY

FROM EMP E

JOIN DEPT D ON E.DEPTNO = D.DEPTNO

WHERE D.DEPTNO <> 20

GROUP BY D.DNAME;  
8) SELECT E1.ENAME

FROM EMP E1

JOIN EMP E2 ON E1.MGR = E2.EMPNO

WHERE E1.MGR = (SELECT MGR FROM EMP WHERE EMPNO = (SELECT MGR FROM EMP WHERE JOB = 'CLERK'));  
  
9) SELECT E1.ENAME AS EMPLOYEE, D1.DNAME AS EMP\_DEPT,

E2.ENAME AS MANAGER, D2.DNAME AS MANAGER\_DEPT

FROM EMP E1

JOIN EMP E2 ON E1.MGR = E2.EMPNO

JOIN EMP E3 ON E2.MGR = E3.EMPNO

JOIN DEPT D1 ON E1.DEPTNO = D1.DEPTNO

JOIN DEPT D2 ON E2.DEPTNO = D2.DEPTNO

WHERE E3.DEPTNO = (SELECT DEPTNO FROM DEPT WHERE DNAME = 'ACCOUNTING');  
  
10) SELECT DNAME

FROM DEPT

WHERE DEPTNO NOT IN (SELECT DISTINCT DEPTNO FROM EMP);  
  
  
  
12) SELECT DISTINCT E1.ENAME

FROM EMP E1

JOIN EMP E2 ON E1.MGR = E2.EMPNO

JOIN EMP E3 ON E2.MGR = E3.EMPNO

WHERE E3.ENAME = 'KING';

15) SELECT D.DNAME, E.ENAME

FROM EMP E

JOIN DEPT D ON E.DEPTNO = D.DEPTNO

WHERE E.MGR = (SELECT EMPNO FROM EMP WHERE ENAME = 'MARTIN')

AND D.DNAME IN ('ACCOUNTING', 'SALES');