\_\_\_\_\_

- SQL> SELECT E.ENAME, D.DEPTNO, D.DNAME
  - 2 FROM EMP E, DEPT D
  - 3 WHERE E.DEPTNO=D.DEPTNO
  - 4 ORDER BY E.DEPTNO;

DEPTNO	DNAME
10	ACCOUNTING
10	ACCOUNTING
10	ACCOUNTING
20	RESEARCH
30	SALES
	10 10 10 20 20 20 20 20 30 30 30 30 30

14 rows selected.

SQL> SELECT E.ENAME, D.DEPTNO, D.DNAME

- 2 FROM EMP E, DEPT D
- 3 WHERE E.DEPTNO(+)=D.DEPTNO
- 4 ORDER BY E.DEPTNO;

ENAME	DEPTNO	DNAME
KING	10	ACCOUNTING
MILLER	10	ACCOUNTING
CLARK	10	ACCOUNTING
FORD	20	RESEARCH
SMITH	20	RESEARCH
SCOTT	20	RESEARCH
ADAMS	)20	RESEARCH
JONES	20	RESEARCH
WARD	30	SALES
JAMES	30	SALES
ALLEN	30	SALES
MARTIN	30	SALES
BLAKE	30	SALES
TURNER	30	SALES
	40	OPERATIONS

15 rows selected.

SQL> SELECT E.ENAME, D.DEPTNO, D.DNAME

- 2 FROM EMP E, DEPT D
- 3 WHERE E.DEPTNO=D.DEPTNO(+)
- 4 ORDER BY E.DEPTNO;

ENAME DEPT		DNAME
KING	10	ACCOUNTING
CLARK	10	ACCOUNTING
MILLER	10	ACCOUNTING
SMITH	20	RESEARCH
SCOTT	20	RESEARCH
ADAMS	20	RESEARCH
FORD	20	RESEARCH
JONES	20	RESEARCH
WARD	30	SALES
JAMES	30	SALES
TURNER	30	SALES
ALLEN	30	SALES
MARTIN	30	SALES
BLAKE	30	SALES
14 rows selecte	ed.	

```
SOL> BEGIN
```

- 2 INSERT INTO DEPT
- 3 VALUES(50, 'SHIPPING', 'CHENNAI');
- 4 INSERT INTO DEPT
- 5 VALUES(60, 'CARGO', 'MUMBAI');
- 6 INSERT INTO DEPT
- 7 VALUES(70, 'COURIER', 'DELHI');
- 8 END;

PL/SQL procedure successfully completed.

- 2 E.ENAME,
- 3 D.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO=D.DEPTNO
- 8 ORDER BY E.DEPTNO;

ENAME	DEPTNO	DNAME	LOC
KING	10	ACCOUNTING	NEW YORK
CLARK	10	ACCOUNTING	NEW YORK
MILLER	10	ACCOUNTING	NEW YORK
ADAMS	20	RESEARCH	DALLAS
SCOTT	20	RESEARCH	DALLAS
SMITH	20	RESEARCH	DALLAS
FORD	20	RESEARCH	DALLAS
JONES	20	RESEARCH	DALLAS
WARD	30	SALES	CHICAGO
JAMES	30	SALES	CHICAGO

ALLEN	30	SALES	CHICAGO
MARTIN	30	SALES	CHICAGO
BLAKE	30	SALES	CHICAGO
TURNER	30	SALES	CHICAGO

### 14 rows selected.

### SQL> SELECT

- 2 E.ENAME,
- 3 D.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO(+)=D.DEPTNO
- 8 ORDER BY E.DEPTNO;

7 WHERE	TNO, ME,	)=D.DEPTNO	
ENAME	DEPTNO	DNAME	LOC
KING	10	ACCOUNTING	NEW YORK
CLARK	10	ACCOUNTING	NEW YORK
MILLER	10	ACCOUNTING	NEW YORK
ADAMS	20	RESEARCH	DALLAS
SCOTT	20	RESEARCH	DALLAS
SMITH	20	RESEARCH	DALLAS
FORD	20	RESEARCH	DALLAS
JONES	20	RESEARCH	DALLAS
WARD	30	SALES	CHICAGO
TURNER		SALES	CHICAGO
BLAKE		SALES	CHICAGO
MARTIN		SALES	CHICAGO
JAMES		SALES	CHICAGO
ALLEN		SALES	CHICAGO
		OPERATIONS	BOSTON
		CARGO	MUMBAI
	50	SHIPPING	CHENNAI
ENAME	DEPTNO	DNAME	LOC
	70	COURIER	DELHI

### 18 rows selected.

- 2 E.ENAME,
- 3 E.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO(+)=D.DEPTNO
- 8 ORDER BY E.DEPTNO;

ENAME	DEPTNO	DNAME	LOC

\_\_\_\_\_\_

KING	10	ACCOUNTING	NEW YORK
CLARK	10	ACCOUNTING	NEW YORK
MILLER	10	ACCOUNTING	NEW YORK
ADAMS	20	RESEARCH	DALLAS
SCOTT	20	RESEARCH	DALLAS
SMITH	20	RESEARCH	DALLAS
FORD	20	RESEARCH	DALLAS
JONES	20	RESEARCH	DALLAS
WARD	30	SALES	CHICAGO
TURNER	30	SALES	CHICAGO
BLAKE	30	SALES	CHICAGO
MARTIN	30	SALES	CHICAGO
JAMES	30	SALES	CHICAGO
ALLEN	30	SALES	CHICAGO
		OPERATIONS	BOSTON
		CARGO	MUMBAI
		SHIPPING	CHENNAI
ENAME	DEPTNO	DNAME	LOC

COURIER

18 rows selected.

- 2 E.ENAME,
- 3 D.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO(+)=D.DEPTNO
- 8 ORDER BY E.DEPTNO;

ENAME	DEPTNO	DNAME	LOC
ENAME	DEPTNO 10 10 10 20 20 20 20 30 30 30 30 30 30 30		LOC NEW YORK NEW YORK NEW YORK DALLAS DALLAS DALLAS DALLAS CHICAGO
	40 60 50	OPERATIONS CARGO SHIPPING	BOSTON MUMBAI CHENNAI

ENAME	DEPTNO	DNAME	LOC
	70	COURIER	DELHI

18 rows selected.

#### SOL> SELECT

- 2 E.ENAME,
- 3 D.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO(+)=D.DEPTNO AND
- 8 E.DEPTNO=10
- 9 ORDER BY E.DEPTNO;

ENAME	DEPTNO	DNAME	LOC
KING	10	ACCOUNTING	NEW YORK
CLARK MILLER		ACCOUNTING ACCOUNTING	NEW YORK NEW YORK
SQL> SELECT			

- 2 E.ENAME,
- 3 D.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO(+)=D.DEPTNO AND
- 8 E.DEPTNO(+)=10
- 9 ORDER BY E.DEPTNO;

ENAME	DEPTNO	DNAME	LOC	
MILLER	10	ACCOUNTING	NEW YORK	
KING	10	ACCOUNTING	NEW YORK	
CLARK	10	ACCOUNTING	NEW YORK	
	50	SHIPPING	CHENNAI	
	60	CARGO	MUMBAI	
	40	OPERATIONS	BOSTON	
	70	COURIER	DELHI	
	20	RESEARCH	DALLAS	
	30	SALES	CHICAGO	

9 rows selected.

- 2 NVL(E.ENAME, 'NOT RECRUITED OR REQUSTED'),
- 3 D.DEPTNO,
- 4 D.DNAME,
- 5 D.LOC
- 6 FROM EMP E, DEPT D
- 7 WHERE E.DEPTNO(+)=D.DEPTNO AND

\_\_\_\_\_\_

- 8 E.DEPTNO(+)=10
- 9 ORDER BY E.DEPTNO;

NVL(E.ENAME, 'NO	TRECRUITED I	DEPTNO	DNAME	LOC
MILLER		10	ACCOUNTING	NEW YORK
KING		10	ACCOUNTING	NEW YORK
CLARK		10	ACCOUNTING	NEW YORK
NOT RECRUITED O	R REQUSTED	50	SHIPPING	CHENNAI
NOT RECRUITED O	R REQUSTED	60	CARGO	MUMBAI
NOT RECRUITED O	R REQUSTED	40	OPERATIONS	BOSTON
NOT RECRUITED O	R REQUSTED	70	COURIER	DELHI
NOT RECRUITED O	R REQUSTED	20	RESEARCH	DALLAS
NOT RECRUITED O	R REQUSTED	30	SALES	CHICAGO

9 rows selected.

#### SQL> SELECT

- 2 E.ENAME EMPLOYEE,
- 3 NVL(M.ENAME, 'SUPREME AUTHORITY') MANAGER
- 4 FROM EMP E, EMP M
- 5 WHERE E.MGR=M.EMPNO;

EMPLOYEE	MANAGER
SCOTT	JONES
FORD	JONES
JAMES	BLAKE
WARD	BLAKE
TURNER	BLAKE
ALLEN	BLAKE
MARTIN	BLAKE
MILLER	CLARK
ADAMS	SCOTT
BLAKE	KING A
CLARK	KING
JONES	KING
SMITH	FORD

13 rows selected.

- 2 E.ENAME EMPLOYEE,
- 3 NVL(M.ENAME, 'SUPREME AUTHORITY') MANAGER
- 4 FROM EMP E, EMP M
- 5 WHERE E.MGR=M.EMPNO(+);

EMPLOYEE	MANAGER
JONES	KING
CLARK	KING
BLAKE	KING
WARD	BLAKE

\_\_\_\_\_

JAMES	BLAKE	
TURNER	BLAKE	
ALLEN	BLAKE	
MARTIN	BLAKE	
MILLER	CLARK	
SCOTT	JONES	
FORD	JONES	
SMITH	FORD	
ADAMS	SCOTT	
KING	SUPREME	AUTHORITY

14 rows selected.

#### SQL> SELECT

- 2 E.ENAME Employee,
- 3 E.DEPTNO DEPARTMENT,
- 4 M.ENAME MANAGER,
- 5 M.DEPTNO "MANAGER'S DEPT"
- 6 FROM EMP E, DEPT D, EMP M
- 7 WHERE E.MGR=M.EMPNO AND E.DEPTNO=D.DEPTNO;

EMPLOYEE	DEPARTMENT	MANAGER	MANAGER'S	DEPT
				)
SCOTT	20	JONES		20
FORD	20	JONES		20
JAMES	30	BLAKE		30
WARD	30	BLAKE		30
TURNER	30	BLAKE		30
ALLEN	30	BLAKE		30
MARTIN	30	BLAKE		30
MILLER	10	CLARK		10
ADAMS	20	SCOTT		20
BLAKE	30	KING		10
CLARK	10	KING		10
JONES	20	KING		10
SMITH	20	EORD		20

### 13 rows selected.

- 2 E.ENAME Employee,
- 3 E.DEPTNO DEPARTMENT,
- 4 M.ENAME MANAGER,
- 5 M.DEPTNO "MANAGER'S DEPT"
- 6 FROM EMP E, EMP M
- 7 WHERE E.MGR=M.EMPNO;

EMPLOYEE	DEPARTMENT	MANAGER	MANAGER'S	DEPT
SCOTT	20	JONES		20
FORD	20	JONES		20
JAMES	30	BLAKE		30
WARD	30	BLAKE		30

TURNER	30 BLAKE	30
ALLEN	30 BLAKE	30
MARTIN	30 BLAKE	30
MILLER	10 CLARK	10
ADAMS	20 SCOTT	20
BLAKE	30 KING	10
CLARK	10 KING	10
JONES	20 KING	10
SMITH	20 FORD	20

#### 13 rows selected.

#### SQL> SELECT

- 2 E.ENAME EMPLOYEE,
- 3 D.DNAME DEPARTMENT,
- 4 M.ENAME MANAGER,
- 5 DNAME "MANAGER'S DEPARTMENT"
- 6 FROM EMP E, DEPT D, EMP M
- 7 WHERE E.MGR = M.EMPNO AND E.DEPTNO=D.DEPTNO;

EMPLOYEE	DEPARTMENT	MANAGER	MANAGER'S DEPA
BLAKE	SALES	KING	SALES
JONES	RESEARCH	KING	RESEARCH
CLARK	ACCOUNTING	KING	ACCOUNTING
JAMES	SALES	BLAKE	SALES
MARTIN	SALES	BLAKE	SALES
ALLEN	SALES	BLAKE	SALES
TURNER	SALES	BLAKE	SALES
WARD	SALES	BLAKE	SALES
MILLER	ACCOUNTING	CLARK	ACCOUNTING
FORD	RESEARCH	JONES	RESEARCH
SCOTT	RESEARCH	JONES	RESEARCH
SMITH	RESEARCH	FORD	RESEARCH
ADAMS	RESEARCH	SCOTT	RESEARCH

### 13 rows selected.

- 2 E.ENAME EMPLOYEE,
  3 DNAME DEPARTMENT,
- 4 M.ENAME MANAGER,
- 5 DNAME "MANAGER'S DEPARTMENT"
- 6 FROM EMP E, DEPT D, EMP M
- 7 WHERE E.MGR = M.EMPNO AND M.DEPTNO=D.DEPTNO;

EMPLOYEE	DEPARTMENT	MANAGER	MANAGER'S DEPA
BLAKE	ACCOUNTING	KING	ACCOUNTING
CLARK	ACCOUNTING	KING	ACCOUNTING
JONES	ACCOUNTING	KING	ACCOUNTING
MARTIN	SALES	BLAKE	SALES
ALLEN	SALES	BLAKE	SALES

TURNER SALES JAMES SALES BLAKE SALES BLAKE SALES WARD SALES BLAKE SALES RESEARCH RESEARCH RESEARCH JONES FORD RESEARCH RESEARCH RESEARCH RESEARCH FORD SMITH JONES SCOTT RESEARCH ADAMS SCOTT MILLER ACCOUNTING CLARK ACCOUNTING 13 rows selected. SQL> ED Wrote file afiedt.buf 1 SELECT 2 E.ENAME EmpName, 3 E.Job EmpJob, 4 E.Sal EmpSal, 5 DE.DNAME EmpDept, 6 M.ENAME MGRName, 7 M.Job MGRJob, 8 M.Sal MGRSal, 9 DM.DNAME MGRDept 10 DNAME "MANAGER'S DEPARTMENT" 11 FROM EMP E, DEPT DE, EMP M, DEPT DM 12 WHERE E.MGR = M.EMPNO AND 13 E.DEPTNO=DE.DEPTNO AND 14\* M.DEPTNO = DM.DEPTNO SQL> / DNAME "MANAGER'S DEPARTMENT" ERROR at line 10: ORA-00923: FROM keyword not found where expected SQL> SELECT 2 E.ENAME EmpName, 3 E.Job EmpJob, 4 E.Sal EmpSal, 5 DE.DNAME EmpDept, 6 M.ENAME MGRName, 7 M.Job MGRJob, 8 M.Sal MGRSal, 9 DM. DNAME MGRDept 10 FROM EMP E, DEPT DE, EMP M, DEPT DM 11 WHERE E.MGR = M.EMPNO(+) AND 12 E.DEPTNO(+)=DE.DEPTNO AND 13\* M.DEPTNO = DM.DEPTNO(+)SQL> /

EMPNAME EMPJOB EMPSAL EMPDEPT MGRNAME MGRJOB

MGRSAL MGRDEPT

\_\_\_\_\_\_

MILLER	CLERK	1300	ACCOUNTING	CLARK	MANAGER		
2450 ACCOUNTING							
CLARK	MANAGER	2450	ACCOUNTING	KING	PRESIDENT		
5000 ACCOUN	NTING						
JONES	MANAGER	2975	RESEARCH	KING	PRESIDENT		
5000 ACCOUN	NTING						
BLAKE	MANAGER	2850	SALES	KING	PRESIDENT		
5000 ACCOUN	NTING						
ADAMS	CLERK	1100	RESEARCH	SCOTT	ANALYST		
3000 RESEA	RCH						
SMITH	CLERK	800	RESEARCH	FORD	ANALYST		
3000 RESEAR	RCH						
SCOTT	ANALYST	3000	RESEARCH	JONES	MANAGER		
2975 RESEAR	RCH						
FORD	ANALYST	3000	RESEARCH	JONES	MANAGER		
2975 RESEAR	RCH						
WARD	SALESMAN	1250	SALES	BLAKE	MANAGER		
2850 SALES							
JAMES	CLERK	950	SALES	BLAKE	MANAGER		
2850 SALES							
ALLEN	SALESMAN	1600	SALES	BLAKE	MANAGER		
2850 SALES							
MARTIN	SALESMAN	1250	SALES	BLAKE	MANAGER		
2850 SALES							
TURNER		1500	SALES	BLAKE	MANAGER		
2850 SALES			4				
KING	PRESIDENT	5000	ACCOUNTING				
			OPERATIONS				
			SHIPPING				
			CARGO				
		A 40					
EMPNAME		EMPSAL	EMPDEPT	MGRNAME	MGRJOB		
MGRSAL MGRI	DEPT	7					

COURIER

18 rows selected.

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 E.ENAME EmpName,
- 3 E.Job EmpJob,
- 4 E.Sal EmpSal,
- 5 SE.GRADE EmpGRD,
- 6 DE.DNAME EmpDept,
- 7 M.ENAME MGRName,
- 8 M.Job MGRJob,
- 9 M.Sal MGRSal,

10 SM.GRADE MGRGrd, 11 DM.DNAME MGRDept 12 FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM SALGRADE SM 13 WHERE E.MGR = M.EMPNO(+) AND 14 E.DEPTNO(+)=DE.DEPTNO AND 15 M.DEPTNO = DM.DEPTNO(+) AND E.SAL BETWEEN SE.LOSAL(+) AND SM.HISAL(+) AND 17\* M.SAL BETWEEN SM.LOSAL(+) AND SM.HISAL(+) SQL> / FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM SALGRADE SM ERROR at line 12: ORA-00933: SQL command not properly ended SQL> ED Wrote file afiedt.buf 1 SELECT 2 E.ENAME EmpName, 3 E.Job EmpJob, 4 E.Sal EmpSal, 5 SE.GRADE EmpGRD, 6 DE.DNAME EmpDept, 7 M.ENAME MGRName, 8 M.Job MGRJob, 9 M.Sal MGRSal, 10 SM.GRADE MGRGrd, 11 DM.DNAME MGRDept 12 FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM, SALGRADE SM 13 WHERE E.MGR = M.EMPNO(+) AND 14 E.DEPTNO(+)=DE.DEPTNO AND M. DEPTNO = DM. DEPTNO (+) AND 15 16 E.SAL BETWEEN SE.LOSAL(+) AND SM.HISAL(+) AND 17\* M.SAL BETWEEN SM.LOSAL(+) AND SM.HISAL(+) SQL> / E.SAL BETWEEN SE.LOSAL(+) AND SM.HISAL(+) AND ERROR at line 16: ORA-01417: a table may be outer joined to at most one other table SQL> ED Wrote file afiedt.buf 1 SELECT 2 E.ENAME EmpName, 3 E.Job EmpJob, 4 E.Sal EmpSal, 5 SE.GRADE EmpGRD, 6 DE.DNAME EmpDept, 7 M.ENAME MGRName,

8 M.Job MGRJob,

------

```
9 M.Sal MGRSal,
 10 SM.GRADE MGRGrd,
 11 DM. DNAME MGRDept
 12 FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM, SALGRADE SM
 13 WHERE E.MGR = M.EMPNO(+) AND
 14
       E.DEPTNO(+)=DE.DEPTNO(+) AND
15
        M.DEPTNO = DM.DEPTNO(+) AND
        E.SAL BETWEEN SE.LOSAL(+) AND SM.HISAL(+) AND
16
17*
        M.SAL BETWEEN SM.LOSAL(+) AND SM.HISAL(+)
SQL> /
     E.SAL BETWEEN SE.LOSAL(+) AND SM.HISAL(+) AND
ERROR at line 16:
ORA-01417: a table may be outer joined to at most one other table
SOL> ED
Wrote file afiedt.buf
 1 SELECT
  2 E.ENAME EmpName,
 3 E.Job EmpJob,
 4 E.Sal EmpSal,
 5 SE.GRADE EmpGRD,
 6 DE.DNAME EmpDept,
 7 M.ENAME MGRName,
 8 M.Job MGRJob,
 9 M.Sal MGRSal,
 10 SM.GRADE MGRGrd,
 11 DM.DNAME MGRDept
 12 FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM, SALGRADE SM
13 WHERE E.MGR = M.EMPNO(+) AND
14 E.DEPTNO(+)=DE.DEPTNO AND
        M.DEPTNO = DM.DEPTNO(+) AND
15
        E.SAL BETWEEN SE.LOSAL(+) AND SE.HISAL(+) AND
17*
         M.SAL BETWEEN SM.LOSAL(+) AND SM.HISAL(+)
SQL> /
                     EMPSAL EMPGRD EMPDEPT
EMPNAME
          EMPJOB
                                                   MGRNAME
MGRJOB
                      MGRGRD MGRDEPT
                                      CARGO
                                      COURIER
                                      SHIPPING
                                     OPERATIONS
KING
         PRESIDENT
                       5000
                                    5 ACCOUNTING
BLAKE
                       2850
                                    4 SALES
         MANAGER
                                                    KING
PRESIDENT 5000
                        5 ACCOUNTING
                       2450 4 ACCOUNTING KING
CLARK MANAGER
PRESIDENT 5000
                       5 ACCOUNTING
JONES MANAGER
PRESIDENT 5000
                        2975 4 RESEARCH KING
                       5 ACCOUNTING
```

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SMITH				RESEARCH	FORD		
ANALYST	3000		RESEARCH				
ADAMS				RESEARCH	SCOTT		
ANALYST			RESEARCH				
FORD				RESEARCH	JONES		
MANAGER			RESEARCH				
SCOTT				RESEARCH	JONES		
_	2975		RESEARCH				
JAMES				SALES	BLAKE		
MANAGER			SALES				
MARTIN				SALES	BLAKE		
	2850		SALES				
WARD				SALES	BLAKE		
	2850		SALES				
TURNER				SALES	BLAKE		
MANAGER	2850	4					
	SALESMAN		3	SALES	BLAKE		
MANAGER	2850	4	SALES				
	EMPJOB			EMPDEPT	MGRNAME		
MGRJOB	MGRSAL	MGRGRD	MGRDEPT				
				<b>Y</b>			
	CLERK			ACCOUNTING	CLARK		
MANAGER	2450	4	ACCOUNTING	<b>)</b>			
18 rows se	elected.						
	MPNAME FORMAT						
	MPSAL FORMAT						
	IGRSAL FORMAT	9999					
SQL> R							
1 SELEC							
	ME EmpName,						
	EmpJob,						
	EmpSal,						
	RADE EmpGRD,						
	IAME EmpDept,						
	ME MGRName,						
8 M.Job MGRJøb,							
9 M.Sal MGRSal,							
10 SM.GRADE MGRGrd,							
11 DM.DNAME MGRDept							
12 FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM, SALGRADE SM							
	E.MGR = M.EMI						
14	14 E.DEPTNO(+)=DE.DEPTNO AND						
15	M.DEPTNO = DI						
16	16 E.SAL BETWEEN SE.LOSAL(+) AND SE.HISAL(+) AND						
17*	M.SAL BETWEED	N SM.LOS	AL(+) AND SI	M.HISAL(+)			
EMPNAM EMP	NIOR EMPSAI.	EMP	GRD EMPDEPT	MGRNAN	IE MGR.TOB		

EMPNAM EMPJOB EMPSAL EMPGRD EMPDEPT MGRNAME MGRJOB MGRSAL MGRGRD MGRDEPT

			-			
				CARGO		
				COURIER		
				SHIPPING		
				OPERATIONS		
KING	PRESIDEN'	T 5000	5	ACCOUNTING		
BLAKE	MANAGER	2850	4	SALES	KING	PRESIDENT
5000	5	ACCOUNTING				
CLARK	MANAGER	2450	4	ACCOUNTING	KING	PRESIDENT
5000	5	ACCOUNTING				
JONES	MANAGER	2975	4	RESEARCH	KING	PRESIDENT
5000	5	ACCOUNTING				
SMITH	CLERK	800	1	RESEARCH	FORD A	ANALYST
3000	4	RESEARCH				
ADAMS	CLERK	1100	1	RESEARCH	SCOTT	ANALYST
3000	_	RESEARCH	_			
FORD	ANALYST	3000	4	RESEARCH	JONES	MANAGER
2975	_	RESEARCH			4	
SCOTT	ANALYST	3000	4	RESEARCH	JONES	MANAGER
2975	4	RESEARCH				
JAMES	CLERK	950	1	SALES	BLAKE	MANAGER
2850	4	SALES		<b>Y</b>		
MARTIN	SALESMAN	1250	2	SALES	BLAKE	MANAGER
2850	4	SALES				
WARD	SALESMAN	1250	2	SALES	BLAKE	MANAGER
2850	4	SALES				
TURNER	SALESMAN	1500	3	SALES	BLAKE	MANAGER
2850	4	SALES				
ALLEN	SALESMAN	1600	3	SALES	BLAKE	MANAGER
2850	4	SALES	1			
EMPNAM	EMPJOB	EMPSAL EN	IPGRD	EMPDEPT	MGRNAME	MGRJOB
MGRSAL	MGRG	RD MGRDEPT				
			-			
MILLER	_	1300	2	ACCOUNTING	CLARK	MANAGER
2450	4	ACCOUNTING				
10	1					
18 row	s selecte	a.				

SQL> ED Wrote file afiedt.buf

- 1 SELECT
- 2 E.ENAME EmpName,
- 3 E.Job EmpJob,
- 4 E.Sal EmpSal,
- 5 SE.GRADE EmpGRD,
- 6 DE.DNAME EmpDept,
- 7 M.ENAME MGRName,
- 8 M.Job MGRJob,
- 9 M.Sal MGRSal,

10 SM.GRADE MGRGrd, 11 DM.DNAME MGRDept 12 FROM EMP E, DEPT DE, SALGRADE SE, EMP M, DEPT DM, SALGRADE SM 13 WHERE E.MGR = M.EMPNO(+) AND 14 E.DEPTNO(+) = DE.DEPTNO AND 15 M.DEPTNO = DM.DEPTNO(+) AND 16 E.SAL BETWEEN SE.LOSAL(+) AND SE.HISAL(+) AND 17 M.SAL BETWEEN SM.LOSAL(+) AND SM.HISAL(+) AND 18* E.SAL(+) * 12 >=2500 SQL> /			
EMPNAM EMPJOB EMPSAL E MGRSAL MGRGRD MGRDEPT	MPGRD EMPDEPT	MGRNAME	MGRJOB
KING PRESIDENT 5000	CARGO COURIER SHIPPIN OPERATI 5 ACCOUNT	G ONS	
BLAKE MANAGER 2850	4 SALES	KING	PRESIDENT
5000 5 ACCOUNTING CLARK MANAGER 2450	4 ACCOUNT	ING KING	PRESIDENT
5000 5 ACCOUNTING JONES MANAGER 2975 5000 5 ACCOUNTING	4 RESEARC	H KING	PRESIDENT
SMITH CLERK 800	1 RESEARC	H FORD	ANALYST
3000 4 RESEARCH ADAMS CLERK 1100	1 RESEARC	H SCOTT	ANALYST
3000 4 RESEARCH FORD ANALYST 3000 2975 4 RESEARCH	4 RESEARC	H JONES	MANAGER
SCOTT ANALYST 3000 2975 4 RESEARCH	4 RESEARC	H JONES	MANAGER
JAMES CLERK 950	1 SALES	BLAKE	MANAGER
2850 4 SALES MARTIN SALESMAN 1250	2 SALES	BLAKE	MANAGER
2850 4 SALES WARD SALESMAN 1250	2 SALES	BLAKE	MANAGER
2850 4 SALES TURNER SALESMAN 1500	3 SALES	BLAKE	MANAGER
2850 4 SALES			
ALLEN SALESMAN 1600 2850 4 SALES	3 SALES	BLAKE	MANAGER
EMPNAM EMPJOB EMPSAL E MGRSAL MGRGRD MGRDEPT	MPGRD EMPDEPT	MGRNAME	MGRJOB
MILLER CLERK 1300 2450 4 ACCOUNTING	2 ACCOUNT	ING CLARK	MANAGER

<sup>18</sup> rows selected.

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