

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

SQL> SELECT

```
2 E.Empno ,
3 E.Ename ,
4 D.Deptno ,
5 D.Dname
6 FROM Emp E, Dept D
7 WHERE Emp.Deptno = D.Deptno;
WHERE Emp.Deptno = D.Deptno
*
```

ERROR at line 7:

ORA-00904: "EMP"."DEPTNO": invalid identifier

SQL> ED

Wrote file afiedt.buf

```
1 SELECT
2 E.Empno ,
3 E.Ename ,
4 D.Deptno ,
5 D.Dname
6 FROM Emp E, Dept D
7* WHERE E.Deptno = D.Deptno
SQL> /
```

EMPNO	ENAME	DEPTNO	DNAME
7839	KING	10	ACCOUNTING
7698	BLAKE	30	SALES
7782	CLARK	10	ACCOUNTING
7566	JONES	20	RESEARCH
7654	MARTIN	30	SALES
7499	ALLEN	30	SALES
7844	TURNER	30	SALES
7900	JAMES	30	SALES
7521	WARD	30	SALES
7902	FORD	20	RESEARCH
7369	SMITH	20	RESEARCH
7788	SCOTT	20	RESEARCH
7876	ADAMS	20	RESEARCH
7934	MILLER	10	ACCOUNTING

14 rows selected.

SQL> SELECT

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```
2 E.Ename,
3 E.Job,
4 D.Deptno,
5 D.Dname,
6 D.Loc
7 FROM Emp E, Dept D
8 WHERE E.Deptno = D.Deptno AND
9 E.Job IN('ANALYST', 'MANAGER');
```

ENAME	JOB	DEPTNO	DNAME	LOC
BLAKE	MANAGER	30	SALES	CHICAGO
CLARK	MANAGER	10	ACCOUNTING	NEW YORK
JONES	MANAGER	20	RESEARCH	DALLAS
FORD	ANALYST	20	RESEARCH	DALLAS
SCOTT	ANALYST	20	RESEARCH	DALLAS

SQL> cl scr

```
SQL> SELECT Ename
2 FROM Emp, Emp;
SELECT Ename
*
```

ERROR at line 1:
ORA-00918: column ambiguously defined

SQL> ED
Wrote file afiedt.buf

```
1 SELECT Ename
2* FROM Emp E1, Emp E2 --SELF Join Principle
SQL> /
SELECT Ename
*
ERROR at line 1:
ORA-00918: column ambiguously defined
```

SQL> ED
Wrote file afiedt.buf

```
1 SELECT E1.Ename
2* FROM Emp E1, Emp E2 --SELF Join Principle
SQL> /
```

ENAME

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CLARK
CLARK
JONES
JONES
JONES
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ENAME

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JAMES
JAMES
JAMES
WARD
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ENAME

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WARD
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WARD
WARD
WARD
FORD
FORD
FORD
FORD
FORD
FORD
FORD
FORD
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SMITH
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SCOTT
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SCOTT
SCOTT
SCOTT
SCOTT
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SCOTT
ADAMS
ADAMS

ENAME

ADAMS
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MILLER

196 rows selected.

SQL> cl scr

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```
SQL> SELECT Empno, Ename, MGR, Job
2 FROM Emp;
```

EMPNO	ENAME	MGR	JOB
7839	KING		PRESIDENT
7698	BLAKE	7839	MANAGER
7782	CLARK	7839	MANAGER
7566	JONES	7839	MANAGER
7654	MARTIN	7698	SALESMAN
7499	ALLEN	7698	SALESMAN
7844	TURNER	7698	SALESMAN
7900	JAMES	7698	CLERK
7521	WARD	7698	SALESMAN
7902	FORD	7566	ANALYST
7369	SMITH	7902	CLERK
7788	SCOTT	7566	ANALYST
7876	ADAMS	7788	CLERK
7934	MILLER	7782	CLERK

14 rows selected.

```
SQL> SELECT
2 Employees.Ename "EmpName",
3 Managers.Ename "MgrName"
4 FROM Emp Employees, Emp Managers
5 WHERE Employees.Mgr = Managers.Empno;
```

EmpName	MgrName
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

13 rows selected.

```
SQL> SELECT
```

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```
2  Employees.Ename "EmpName",
3  Managers.Ename "MgrName"
4  FROM Emp Employees, Emp Managers
5  WHERE Managers.Mgr = Employees.Empno;
```

EmpName	MgrName
KING	BLAKE
KING	CLARK
KING	JONES
BLAKE	MARTIN
BLAKE	ALLEN
BLAKE	TURNER
BLAKE	JAMES
BLAKE	WARD
JONES	FORD
FORD	SMITH
JONES	SCOTT
SCOTT	ADAMS
CLARK	MILLER

13 rows selected.

```
SQL> SELECT
2  Managers.Ename "EmpName",
3  Employees.Ename "MgrName"
4  FROM Emp Employees, Emp Managers
5  WHERE Managers.Mgr = Employees.Empno;
```

EmpName	MgrName
BLAKE	KING
CLARK	KING
JONES	KING
MARTIN	BLAKE
ALLEN	BLAKE
TURNER	BLAKE
JAMES	BLAKE
WARD	BLAKE
FORD	JONES
SMITH	FORD
SCOTT	JONES
ADAMS	SCOTT
MILLER	CLARK

13 rows selected.

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```
SQL> SELECT
  2   Managers.Ename "MgrName",
  3   Employees.Ename "EmpName"
  4 FROM Emp Employees, Emp Managers
  5 WHERE Managers.Mgr = Employees.Empno;
```

MgrName	EmpName
BLAKE	KING
CLARK	KING
JONES	KING
MARTIN	BLAKE
ALLEN	BLAKE
TURNER	BLAKE
JAMES	BLAKE
WARD	BLAKE
FORD	JONES
SMITH	FORD
SCOTT	JONES
ADAMS	SCOTT
MILLER	CLARK

13 rows selected.

```
SQL> SELECT
  2   Managers.Ename "MgrName",
  3   Employees.Ename "EmpName"
  4 FROM Emp Employees, Emp Managers
  5 WHERE Employees.Mgr = Managers.Empno;
```

MgrName	EmpName
KING	JONES
KING	CLARK
KING	BLAKE
BLAKE	WARD
BLAKE	JAMES
BLAKE	TURNER
BLAKE	ALLEN
BLAKE	MARTIN
CLARK	MILLER
JONES	SCOTT
JONES	FORD
FORD	SMITH
SCOTT	ADAMS

13 rows selected.

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```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Employees.Ename "EmpName",
3  Managers.Ename "MGRName"
4  FROM Emp Employees, Emp Managers
5* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EmpName	MGRName
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

13 rows selected.

```
SQL> E
SP2-0042: unknown command "E" - rest of line ignored.
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Employees.Ename EmpName,
3  Employees.Sal EmpSal,
4  Managers.Ename MGRName,
5  Managers.Sal MGRSal
6  FROM Emp Employees, Emp Managers
7* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EMPNAME	EMPSAL	MGRNAME	MGRSAL
JONES	2975	KING	5000
CLARK	2450	KING	5000

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```
.....
BLAKE          2850 KING          5000
WARD           1250 BLAKE         2850
JAMES          950  BLAKE         2850
TURNER         1500 BLAKE         2850
ALLEN          1600 BLAKE         2850
MARTIN         1250 BLAKE         2850
MILLER         1300 CLARK         2450
SCOTT          3000 JONES         2975
FORD           3000 JONES         2975
SMITH          800  FORD          3000
ADAMS          1100 SCOTT         3000
```

13 rows selected.

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  Employees.Ename EmpName,
3  Employees.Job EmpJob,
4  Managers.Ename MGRName,
5  Managers.Job MGRJob
6  FROM Emp Employees, Emp Managers
7* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EMPNAME	EMPJOB	MGRNAME	MGRJOB
JONES	MANAGER	KING	PRESIDENT
CLARK	MANAGER	KING	PRESIDENT
BLAKE	MANAGER	KING	PRESIDENT
WARD	SALESMAN	BLAKE	MANAGER
JAMES	CLERK	BLAKE	MANAGER
TURNER	SALESMAN	BLAKE	MANAGER
ALLEN	SALESMAN	BLAKE	MANAGER
MARTIN	SALESMAN	BLAKE	MANAGER
MILLER	CLERK	CLARK	MANAGER
SCOTT	ANALYST	JONES	MANAGER
FORD	ANALYST	JONES	MANAGER
SMITH	CLERK	FORD	ANALYST
ADAMS	CLERK	SCOTT	ANALYST

13 rows selected.

SQL> ED
Wrote file afiedt.buf

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```
1 SELECT
2 Employees.Ename EmpName,
3 Employees.HireDate EmpHD,
4 Managers.Ename MGRName,
5 Managers.HireDate MGRHD
6 FROM Emp Employees, Emp Managers
7* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EMPNAME	EMPHD	MGRNAME	MGRHD
JONES	02-APR-81	KING	17-NOV-81
CLARK	09-JUN-81	KING	17-NOV-81
BLAKE	01-MAY-81	KING	17-NOV-81
WARD	22-FEB-81	BLAKE	01-MAY-81
JAMES	03-DEC-81	BLAKE	01-MAY-81
TURNER	08-SEP-81	BLAKE	01-MAY-81
ALLEN	20-FEB-81	BLAKE	01-MAY-81
MARTIN	28-SEP-81	BLAKE	01-MAY-81
MILLER	23-JAN-82	CLARK	09-JUN-81
SCOTT	09-DEC-82	JONES	02-APR-81
FORD	03-DEC-81	JONES	02-APR-81
SMITH	17-DEC-80	FORD	03-DEC-81
ADAMS	12-JAN-83	SCOTT	09-DEC-82

13 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 Employees.Ename EmpName,
3 Employees.HireDate EmpHD,
4 Managers.Ename MGRName,
5 Managers.HireDate MGRHD,
6 ABS(Managers.HireDate - Employees.HireDate) NDays
7 FROM Emp Employees, Emp Managers
8* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EMPNAME	EMPHD	MGRNAME	MGRHD	NDAYS
JONES	02-APR-81	KING	17-NOV-81	229
CLARK	09-JUN-81	KING	17-NOV-81	161
BLAKE	01-MAY-81	KING	17-NOV-81	200
WARD	22-FEB-81	BLAKE	01-MAY-81	68
JAMES	03-DEC-81	BLAKE	01-MAY-81	216

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```
.....
TURNER      08-SEP-81 BLAKE      01-MAY-81      130
ALLEN       20-FEB-81 BLAKE      01-MAY-81       70
MARTIN      28-SEP-81 BLAKE      01-MAY-81     150
MILLER      23-JAN-82 CLARK      09-JUN-81     228
SCOTT       09-DEC-82 JONES      02-APR-81     616
FORD        03-DEC-81 JONES      02-APR-81     245
SMITH       17-DEC-80 FORD       03-DEC-81     351
ADAMS       12-JAN-83 SCOTT      09-DEC-82      34
```

13 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Employees.Ename EmpName,
3  Employees.HireDate EmpHD,
4  Managers.Ename MGRName,
5  Managers.HireDate MGRHD,
6  ABS(Managers.HireDate - Employees.HireDate) NDays,
7  TRUNC(ABS(MONTHS_BETWEEN(Managers.HireDate, Employees.HireDate)),
2) NMonths
8  FROM Emp Employees, Emp Managers
9* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EMPNAME	EMPHD	MGRNAME	MGRHD	NDAYS	NMONTHS
JONES	02-APR-81	KING	17-NOV-81	229	7.48
CLARK	09-JUN-81	KING	17-NOV-81	161	5.25
BLAKE	01-MAY-81	KING	17-NOV-81	200	6.51
WARD	22-FEB-81	BLAKE	01-MAY-81	68	2.32
JAMES	03-DEC-81	BLAKE	01-MAY-81	216	7.06
TURNER	08-SEP-81	BLAKE	01-MAY-81	130	4.22
ALLEN	20-FEB-81	BLAKE	01-MAY-81	70	2.38
MARTIN	28-SEP-81	BLAKE	01-MAY-81	150	4.87
MILLER	23-JAN-82	CLARK	09-JUN-81	228	7.45
SCOTT	09-DEC-82	JONES	02-APR-81	616	20.22
FORD	03-DEC-81	JONES	02-APR-81	245	8.03
SMITH	17-DEC-80	FORD	03-DEC-81	351	11.54
ADAMS	12-JAN-83	SCOTT	09-DEC-82	34	1.09

13 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

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```
1  SELECT
2  Employees.Ename EmpName,
3  Employees.HireDate EmpHD,
4  Managers.Ename MGRName,
5  Managers.HireDate MGRHD,
6  ABS(Managers.HireDate - Employees.HireDate) NDays,
7  TRUNC(ABS(MONTHS_BETWEEN(Managers.HireDate, Employees.HireDate)),
2) NMonths,
8  TRUNC(ABS(MONTHS_BETWEEN(Managers.HireDate, Employees.HireDate) /
12), 2) NYears
9  FROM Emp Employees, Emp Managers
10* WHERE Employees.Mgr = Managers.Empno
SQL> /
```

EMPNAME NYEARS	EMPHD	MGRNAME	MGRHD	NDAYS	NMONTHS
JONES .62	02-APR-81	KING	17-NOV-81	229	7.48
CLARK .43	09-JUN-81	KING	17-NOV-81	161	5.25
BLAKE .54	01-MAY-81	KING	17-NOV-81	200	6.51
WARD .19	22-FEB-81	BLAKE	01-MAY-81	68	2.32
JAMES .58	03-DEC-81	BLAKE	01-MAY-81	216	7.06
TURNER .35	08-SEP-81	BLAKE	01-MAY-81	130	4.22
ALLEN .19	20-FEB-81	BLAKE	01-MAY-81	70	2.38
MARTIN .4	28-SEP-81	BLAKE	01-MAY-81	150	4.87
MILLER .62	23-JAN-82	CLARK	09-JUN-81	228	7.45
SCOTT 1.68	09-DEC-82	JONES	02-APR-81	616	20.22
FORD .66	03-DEC-81	JONES	02-APR-81	245	8.03
SMITH .96	17-DEC-80	FORD	03-DEC-81	351	11.54
ADAMS .09	12-JAN-83	SCOTT	09-DEC-82	34	1.09

13 rows selected.

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SQL> cl scr

```
SQL> SELECT
  2  E1.Ename||''s Manager is '||
  3  E2.Ename  "Employees And Managers"
  4  FROM    Emp E1, Emp E2
  5  WHERE   E1.Mgr = E2.Empno;
```

Employees And Managers

```
JONES's Manager is KING
CLARK's Manager is KING
BLAKE's Manager is KING
WARD's Manager is BLAKE
JAMES's Manager is BLAKE
TURNER's Manager is BLAKE
ALLEN's Manager is BLAKE
MARTIN's Manager is BLAKE
MILLER's Manager is CLARK
SCOTT's Manager is JONES
FORD's Manager is JONES
SMITH's Manager is FORD
ADAMS's Manager is SCOTT
```

13 rows selected.

SQL> cl scr

```
SQL> SELECT Ename, Sal
  2  FROM Emp;
```

ENAME	SAL
KING	5000
BLAKE	2850
CLARK	2450
JONES	2975
MARTIN	1250
ALLEN	1600
TURNER	1500
JAMES	950
WARD	1250
FORD	3000
SMITH	800
SCOTT	3000
ADAMS	1100
MILLER	1300

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14 rows selected.

```
SQL> SELECT *
      2 FROM SalGrade;
```

GRADE	LOSal	HISal
1	700	1200
2	1201	1400
3	1401	2000
4	2001	3000
5	3001	9999

```
SQL> cl scr
```

```
SQL> SELECT E.Ename, E.Sal, S.Grade
      2 FROM Emp E, SalGrade S
      3 WHERE E.Sal BETWEEN S.Losal AND S.Hisal;
```

ENAME	SAL	GRADE
SMITH	800	1
JAMES	950	1
ADAMS	1100	1
WARD	1250	2
MARTIN	1250	2
MILLER	1300	2
TURNER	1500	3
ALLEN	1600	3
CLARK	2450	4
BLAKE	2850	4
JONES	2975	4
FORD	3000	4
SCOTT	3000	4
KING	5000	5

14 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT E.Ename, E.Sal, S.Grade
      2 FROM Emp E, SalGrade S
      3 WHERE E.Sal >= S.LoSal AND E.Sal <= S.HiSal;
```

ENAME	SAL	GRADE
SMITH	800	1
JAMES	950	1
ADAMS	1100	1
WARD	1250	2
MARTIN	1250	2
MILLER	1300	2
TURNER	1500	3
ALLEN	1600	3
CLARK	2450	4
BLAKE	2850	4
JONES	2975	4
FORD	3000	4
SCOTT	3000	4
KING	5000	5

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```
SMITH          800          1
JAMES          950          1
ADAMS         1100          1
WARD          1250          2
MARTIN         1250          2
MILLER         1300          2
TURNER         1500          3
ALLEN          1600          3
CLARK          2450          4
BLAKE          2850          4
JONES          2975          4
FORD           3000          4
SCOTT           3000          4
KING           5000          5
```

14 rows selected.

SQL> cl scr

```
SQL> SELECT Ename, Job, E.Deptno, D.Deptno, Dname, Loc
       2  FROM Emp E, Dept D
       3  WHERE E.Deptno = D.Deptno;
```

ENAME	JOB	DEPTNO	DEPTNO	DNAME	LOC
KING	PRESIDENT	10	10	ACCOUNTING	NEW YORK
BLAKE	MANAGER	30	30	SALES	CHICAGO
CLARK	MANAGER	10	10	ACCOUNTING	NEW YORK
JONES	MANAGER	20	20	RESEARCH	DALLAS
MARTIN	SALESMAN	30	30	SALES	CHICAGO
ALLEN	SALESMAN	30	30	SALES	CHICAGO
TURNER	SALESMAN	30	30	SALES	CHICAGO
JAMES	CLERK	30	30	SALES	CHICAGO
WARD	SALESMAN	30	30	SALES	CHICAGO
FORD	ANALYST	20	20	RESEARCH	DALLAS
SMITH	CLERK	20	20	RESEARCH	DALLAS
SCOTT	ANALYST	20	20	RESEARCH	DALLAS
ADAMS	CLERK	20	20	RESEARCH	DALLAS
MILLER	CLERK	10	10	ACCOUNTING	NEW YORK

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Ename, Job, E.Deptno, D.Deptno, Dname, Loc
2  FROM Emp E, Dept D
```

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```
3* WHERE E.Deptno > D.Deptno
SQL> /
```

ENAME	JOB	DEPTNO	DEPTNO	DNAME	LOC
ADAMS	CLERK	20	10	ACCOUNTING	NEW YORK
SCOTT	ANALYST	20	10	ACCOUNTING	NEW YORK
SMITH	CLERK	20	10	ACCOUNTING	NEW YORK
FORD	ANALYST	20	10	ACCOUNTING	NEW YORK
JONES	MANAGER	20	10	ACCOUNTING	NEW YORK
WARD	SALESMAN	30	10	ACCOUNTING	NEW YORK
JAMES	CLERK	30	10	ACCOUNTING	NEW YORK
ALLEN	SALESMAN	30	10	ACCOUNTING	NEW YORK
MARTIN	SALESMAN	30	10	ACCOUNTING	NEW YORK
BLAKE	MANAGER	30	10	ACCOUNTING	NEW YORK
TURNER	SALESMAN	30	10	ACCOUNTING	NEW YORK
WARD	SALESMAN	30	20	RESEARCH	DALLAS
JAMES	CLERK	30	20	RESEARCH	DALLAS
ALLEN	SALESMAN	30	20	RESEARCH	DALLAS
MARTIN	SALESMAN	30	20	RESEARCH	DALLAS
BLAKE	MANAGER	30	20	RESEARCH	DALLAS
TURNER	SALESMAN	30	20	RESEARCH	DALLAS

17 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT * FROM Dept;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> SELECT Ename, Job, Sal, Deptno
2 FROM Emp;
```

ENAME	JOB	SAL	DEPTNO
KING	PRESIDENT	5000	10
BLAKE	MANAGER	2850	30
CLARK	MANAGER	2450	10
JONES	MANAGER	2975	20
MARTIN	SALESMAN	1250	30
ALLEN	SALESMAN	1600	30

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```
.....
TURNER      SALESMAN      1500      30
JAMES       CLERK         950      30
WARD        SALESMAN     1250      30
FORD        ANALYST      3000      20
SMITH       CLERK         800      20
SCOTT       ANALYST      3000      20
ADAMS       CLERK        1100      20
MILLER      CLERK        1300      10
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT E.Ename, E.Job, E.Sal, D.Deptno, D.Dname, D.Loc
2  FROM Emp E, Dept D
3* WHERE D.Deptno = E.Deptno
SQL> /
```

ENAME	JOB	SAL	DEPTNO	DNAME	LOC
KING	PRESIDENT	5000	10	ACCOUNTING	NEW YORK
BLAKE	MANAGER	2850	30	SALES	CHICAGO
CLARK	MANAGER	2450	10	ACCOUNTING	NEW YORK
JONES	MANAGER	2975	20	RESEARCH	DALLAS
MARTIN	SALESMAN	1250	30	SALES	CHICAGO
ALLEN	SALESMAN	1600	30	SALES	CHICAGO
TURNER	SALESMAN	1500	30	SALES	CHICAGO
JAMES	CLERK	950	30	SALES	CHICAGO
WARD	SALESMAN	1250	30	SALES	CHICAGO
FORD	ANALYST	3000	20	RESEARCH	DALLAS
SMITH	CLERK	800	20	RESEARCH	DALLAS
SCOTT	ANALYST	3000	20	RESEARCH	DALLAS
ADAMS	CLERK	1100	20	RESEARCH	DALLAS
MILLER	CLERK	1300	10	ACCOUNTING	NEW YORK

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT E.Ename, E.Job, E.Sal, D.Deptno, D.Dname, D.Loc
2  FROM Emp E, Dept D
3* WHERE D.Deptno = E.Deptno(+)
SQL> /
```

ENAME	JOB	SAL	DEPTNO	DNAME	LOC
-------	-----	-----	--------	-------	-----

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```
-----  
KING      PRESIDENT      5000      10 ACCOUNTING      NEW YORK  
BLAKE     MANAGER        2850      30 SALES            CHICAGO  
CLARK     MANAGER        2450      10 ACCOUNTING      NEW YORK  
JONES     MANAGER        2975      20 RESEARCH         DALLAS  
MARTIN    SALESMAN        1250      30 SALES            CHICAGO  
ALLEN     SALESMAN        1600      30 SALES            CHICAGO  
TURNER    SALESMAN        1500      30 SALES            CHICAGO  
JAMES     CLERK           950       30 SALES            CHICAGO  
WARD      SALESMAN        1250      30 SALES            CHICAGO  
FORD      ANALYST         3000      20 RESEARCH         DALLAS  
SMITH     CLERK           800       20 RESEARCH         DALLAS  
SCOTT     ANALYST         3000      20 RESEARCH         DALLAS  
ADAMS     CLERK           1100      20 RESEARCH         DALLAS  
MILLER    CLERK           1300      10 ACCOUNTING      NEW YORK  
                                40 OPERATIONS      BOSTON
```

15 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT E.Ename, E.Job, E.Sal, D.Deptno, D.Dname, D.Loc  
2  FROM Emp E, Dept D  
3* WHERE D.Deptno(+) = E.Deptno  
SQL> /
```

```
-----  
ENAME      JOB      SAL      DEPTNO  DNAME      LOC  
-----  
MILLER     CLERK      1300      10 ACCOUNTING      NEW YORK  
CLARK      MANAGER    2450      10 ACCOUNTING      NEW YORK  
KING       PRESIDENT  5000      10 ACCOUNTING      NEW YORK  
ADAMS      CLERK      1100      20 RESEARCH         DALLAS  
SCOTT      ANALYST    3000      20 RESEARCH         DALLAS  
SMITH      CLERK      800       20 RESEARCH         DALLAS  
FORD       ANALYST    3000      20 RESEARCH         DALLAS  
JONES      MANAGER    2975      20 RESEARCH         DALLAS  
WARD       SALESMAN   1250      30 SALES            CHICAGO  
JAMES      CLERK      950       30 SALES            CHICAGO  
TURNER     SALESMAN   1500      30 SALES            CHICAGO  
ALLEN      SALESMAN   1600      30 SALES            CHICAGO  
MARTIN     SALESMAN   1250      30 SALES            CHICAGO  
BLAKE      MANAGER    2850      30 SALES            CHICAGO
```

14 rows selected.

SQL> SPOOL OFF

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