

## Spool File For Oracle Students Trained by Mr.Sathish Yellanki

---

```
SQL> cl scr

SQL> SELECT ColumnName
  2 FROM TableName
  3 WHERE ColumnName = Value --HARD Coding Principle
  4
SQL> SELECT ColumnName
  2 FROM TableName
  3 WHERE ColumnName = (
  4     SELECT ColumnName
  5     FROM TableName
  6     WHERE ColumnName = Value
  7     ) --NESTED Select OR NESTED Sub-Query(SOFT Coding
Principle)
  8
SQL> SELECT ColumnName
  2 FROM TableName, (
  3     SELECT ColumnName
  4     FROM TableName
  5     WHERE ColumnName = Value
  6     ) --IN-LINE Views OR Correlation Query
  7 WHERE ColumnName = Value
  8
SQL> SELECT ColumnName, (
  2     SELECT ColumnName
  3     FROM TableName
  4     WHERE ColumnName = Value
  5     ) --SUB-SELECT Sub-Query
  6 FROM TableName
  7 WHERE ColumnName = Value
  8
SQL> SELECT ColumnName
  2 FROM TableName
  3 WHERE ColumnName = (
  4     SELECT ColumnName
  5     FROM TableName
  6     WHERE ColumnName = (
  7         SELECT ColumnName
  8         FROM TableName
  9         WHERE ColumnName = Value
 10     )
 11     ) --Sub-Query Within Another Sub-Query
 12
SQL> SELECT ColumnName, (
  2     SELECT ColumnName
  3     FROM TableName
  4     WHERE ColumnName = Value
  5     )
  6 FROM TableName, (
  7     SELECT ColumnName
```

---

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```
8          FROM TableName
9          WHERE ColumnName = Value
10         )
11 WHERE ColumnName = (
12         SELECT ColumnName
13         FROM TableName
14         WHERE ColumnName = (
15                 SELECT ColumnName
16                 FROM TableName
17                 WHERE ColumnName = Value
18                 )
19         ) AND
20 ColumnName = (
21         SELECT ColumnName
22         FROM TableName
23         WHERE ColumnName = (
24                 SELECT ColumnName
25                 FROM TableName
26                 WHERE ColumnName = Value
27                 )
28         ) AND ....
29
SQL> SELECT *
2 FROM Dept;
```

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

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

```
1 (
2  SELECT *
3  FROM Dept
4* )
SQL> /
```

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

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

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---

```
1 (
2  SELECT *
3  FROM Dept
4  ORDER BY Deptno
5* )
SQL> /
ORDER BY Deptno
*
ERROR at line 4:
ORA-00907: missing right parenthesis
```

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

```
1 (
2  SELECT *
3  FROM Dept
4  )
5* ORDER BY Deptno
SQL> /
```

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

```
SQL> cl scr
```

```
SQL> SELECT Sal
2  FROM Emp
3  WHERE Empno = 7566
4  /
```

SAL
2975

```
SQL> SELECT Ename, Sal, Job
2  FROM Emp
3  WHERE Sal > 2975;
```

ENAME	SAL	JOB
KING	5000	PRESIDENT
FORD	3000	ANALYST
SCOTT	3000	ANALYST

---

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```
SQL> SELECT Ename, Sal, Job
2 FROM Emp
3 WHERE Sal >
4 (
5 SELECT Sal
6 FROM Emp
7 WHERE Empno = 7566
8 );
```

ENAME	SAL	JOB
KING	5000	PRESIDENT
FORD	3000	ANALYST
SCOTT	3000	ANALYST

```
SQL> SET AUTOTRACE EXPLAIN
Usage: SET AUTOT[RACE] {OFF | ON | TRACE[ONLY]} [EXP[LAIN]]
[STAT[ISTICS]]
SQL> SET AUTOTRACE ON EXPLAIN
SQL> cl scr
```

```
SQL> SELECT Sal
2 FROM Emp
3 WHERE Empno = 7566
4 /
```

SAL
2975

### Execution Plan

Plan hash value: 2650221029

	Id	Operation	Name	Rows	Bytes
	0	SELECT STATEMENT		1	26
1	(0)	00:00:01			
	1	TABLE ACCESS BY INDEX ROWID	EMP	1	26
1	(0)	00:00:01			
	* 2	INDEX UNIQUE SCAN	EMP_PRIMARY_KEY	1	
1	(0)	00:00:01			

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Predicate Information (identified by operation id):

2 - access("EMPNO"=7566)

```
SQL> SELECT Ename, Sal, Job
2 FROM Emp
3 WHERE Sal > 2975;
```

ENAME	SAL	JOB
KING	5000	PRESIDENT
FORD	3000	ANALYST
SCOTT	3000	ANALYST

Execution Plan

Plan hash value: 3956160932

Id	Operation	Name	Rows	Bytes	Cost (%CPU)	Time
0	SELECT STATEMENT		3	78	3 (0)	00:00:01
* 1	TABLE ACCESS FULL	EMP	3	78	3 (0)	00:00:01

Predicate Information (identified by operation id):

1 - filter("SAL">2975)

Note

- dynamic sampling used for this statement (level=2)

```
SQL> SELECT Ename, Sal, Job
2 FROM Emp
3 WHERE Sal >
4 (
5 SELECT Sal
6 FROM Emp
7 WHERE Empno = 7566
```

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8 );

ENAME	SAL	JOB
KING	5000	PRESIDENT
FORD	3000	ANALYST
SCOTT	3000	ANALYST

Execution Plan

Plan hash value: 828648951

	Id	Operation	Name	Rows	Bytes
	0	SELECT STATEMENT		1	26
4	(0)				
	* 1	TABLE ACCESS FULL	EMP	1	26
3	(0)				
	2	TABLE ACCESS BY INDEX ROWID	EMP	1	26
1	(0)				
	* 3	INDEX UNIQUE SCAN	EMP_PRIMARY_KEY	1	
1	(0)				

Predicate Information (identified by operation id):

1 - filter("SAL">(SELECT "SAL" FROM "EMP" "EMP" WHERE "EMPNO"=7566))  
3 - access("EMPNO"=7566)

Note

- dynamic sampling used for this statement (level=2)

SQL> cl scr

SQL> SELECT Job  
2 FROM Emp  
3 WHERE Ename = UPPER('smith')  
4 /

JOB

CLERK

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Execution Plan

Plan hash value: 3956160932

Id	Operation	Name	Rows	Bytes	Cost (%CPU)	Time
0	SELECT STATEMENT		1	13	3 (0)	00:00:01
* 1	TABLE ACCESS FULL	EMP	1	13	3 (0)	00:00:01

Predicate Information (identified by operation id):

1 - filter("ENAME"='SMITH')

Note

- dynamic sampling used for this statement (level=2)

```
SQL> SELECT Ename, Sal, Job
2 FROM Emp
3 WHERE Job = 'CLERK'
4 ORDER BY Sal;
```

ENAME	SAL	JOB
SMITH	800	CLERK
JAMES	950	CLERK
ADAMS	1100	CLERK
MILLER	1300	CLERK

Execution Plan

Plan hash value: 150391907

Id	Operation	Name	Rows	Bytes	Cost (%CPU)	Time
----	-----------	------	------	-------	-------------	------

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### Note

```
SQL> SELECT Ename, Sal, Job
```

## Execution Plan

.....

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## Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
-----
| 1 | SORT ORDER BY | | 1 | 26 | 7 (15) |
00:00:01 |
|* 2 | TABLE ACCESS FULL | EMP | 1 | 26 | 3 (0) |
00:00:01 |
|* 3 | TABLE ACCESS FULL | EMP | 1 | 13 | 3 (0) |
00:00:01 |
-----
```

-----  
Predicate Information (identified by operation id):  
-----

```
2 - filter("JOB"= (SELECT "JOB" FROM "EMP" "EMP" WHERE
              "ENAME"='SMITH'))
3 - filter("ENAME"='SMITH')
```

Note

-----

- dynamic sampling used for this statement (level=2)

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Ename, Sal, Job
2 FROM Emp
3 WHERE Job =
4 (
5 SELECT Job
6 FROM Emp
7 WHERE Ename = 'SMITH' AND
8 Ename <> 'SMITH'
9 )
10* ORDER BY Sal
SQL> /
```

no rows selected

Execution Plan

-----  
Plan hash value: 1723218143  
-----

```
-----
| Id | Operation | Name | Rows | Bytes | Cost (%CPU) | Time |
|----|-----|-----|-----|-----|-----|-----|
| 0 | SELECT STATEMENT | | 1 | 26 | 4 (25) | 00:00:01 |
-----
```

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```
-----
| 1 | SORT ORDER BY | | 1 | 26 | 4 (25) |
00:00:01 |
|* 2 | TABLE ACCESS FULL | EMP | 1 | 26 | 3 (0) |
00:00:01 |
|* 3 | FILTER | | | | |
|
|* 4 | TABLE ACCESS FULL | EMP | 1 | 13 | 3 (0) |
00:00:01 |
-----
```

-----  
Predicate Information (identified by operation id):  
-----

```
2 - filter("JOB"= (SELECT "JOB" FROM "EMP" "EMP" WHERE NULL IS NOT
          NULL AND "ENAME"='SMITH' AND "ENAME"<>'SMITH'))
3 - filter(NULL IS NOT NULL)
4 - filter("ENAME"='SMITH' AND "ENAME"<>'SMITH')
```

Note

-----

- dynamic sampling used for this statement (level=2)

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Ename, Sal, Job
2 FROM Emp
3 WHERE Job =
4 (
5 SELECT Job
6 FROM Emp
7 WHERE Ename = 'SMITH'
8 ) AND
9 Ename <> 'SMITH'
10* ORDER BY Sal
SQL> /
```

ENAME	SAL	JOB
JAMES	950	CLERK
ADAMS	1100	CLERK
MILLER	1300	CLERK

Execution Plan

-----  
Plan hash value: 1300210930

-----  
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```
-----  
---  
| Id | Operation | Name | Rows | Bytes | Cost (%CPU) | Time  
|-----|-----|-----|-----|-----|-----|-----|  
---  
| 0 | SELECT STATEMENT | | 1 | 26 | 7 (15) | 00:00:01 |  
| 1 | SORT ORDER BY | | 1 | 26 | 7 (15) | 00:00:01 |  
|* 2 | TABLE ACCESS FULL | EMP | 1 | 26 | 3 (0) | 00:00:01 |  
|* 3 | TABLE ACCESS FULL | EMP | 1 | 13 | 3 (0) | 00:00:01 |  
-----  
---
```

Predicate Information (identified by operation id):

```
2 - filter("ENAME"<>'SMITH' AND "JOB"= (SELECT "JOB" FROM "EMP"  
      "EMP" WHERE "ENAME"='SMITH'))  
3 - filter("ENAME"='SMITH')
```

Note

- dynamic sampling used for this statement (level=2)

SQL> SET AUTOTRACE OFF EXPLAIN

SQL> cl scr

SQL> SELECT Hiredate

2 FROM Emp

3 WHERE Ename = 'TURNER'

4 /

HIREDATE

08-SEP-81

SQL> SELECT Empno, Ename, Hiredate, Sal

2 FROM Emp

3 WHERE Hiredate > '08-SEP-81'

4 ORDER BY Sal;

EMPNO	ENAME	HIREDATE	SAL
7900	JAMES	03-DEC-81	950
7876	ADAMS	12-JAN-83	1100
7654	MARTIN	28-SEP-81	1250

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```
7934 MILLER      23-JAN-82      1300
7788 SCOTT       09-DEC-82      3000
7902 FORD        03-DEC-81      3000
7839 KING        17-NOV-81      5000
```

7 rows selected.

```
SQL> SELECT Empno, Ename, Hiredate, Sal
2  FROM Emp
3  WHERE Hiredate >
4  (
5  SELECT Hiredate
6  FROM Emp
7  WHERE Ename = 'TURNER'
8  )
9  ORDER BY Sal;
```

EMPNO	ENAME	HIREDATE	SAL
7900	JAMES	03-DEC-81	950
7876	ADAMS	12-JAN-83	1100
7654	MARTIN	28-SEP-81	1250
7934	MILLER	23-JAN-82	1300
7788	SCOTT	09-DEC-82	3000
7902	FORD	03-DEC-81	3000
7839	KING	17-NOV-81	5000

7 rows selected.

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

```
1  SELECT Empno, Ename, Hiredate, Sal
2  FROM Emp
3  WHERE Hiredate <
4  (
5  SELECT Hiredate
6  FROM Emp
7  WHERE Ename = 'TURNER'
8  )
9* ORDER BY Sal
SQL> /
```

EMPNO	ENAME	HIREDATE	SAL
7369	SMITH	17-DEC-80	800
7521	WARD	22-FEB-81	1250
7499	ALLEN	20-FEB-81	1600
7782	CLARK	09-JUN-81	2450
7698	BLAKE	01-MAY-81	2850

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7566 JONES 02-APR-81 2975

6 rows selected.

```
SQL> SELECT Empno, Ename, Sal, Job, Deptno
2 FROM Emp
3 WHERE Deptno =
4 (
5 SELECT Deptno
6 FROM Dept
7 WHERE Dname = 'SALES'
8 );
```

EMPNO	ENAME	SAL	JOB	DEPTNO
7698	BLAKE	2850	MANAGER	30
7654	MARTIN	1250	SALESMAN	30
7499	ALLEN	1600	SALESMAN	30
7844	TURNER	1500	SALESMAN	30
7900	JAMES	950	CLERK	30
7521	WARD	1250	SALESMAN	30

6 rows selected.

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

```
1 SELECT Empno, Ename, Sal, Job, Dept.Deptno
2 FROM Emp, Dept
3* WHERE Emp.Deptno = Dept.Deptno AND Dname = 'SALES'
SQL> /
```

EMPNO	ENAME	SAL	JOB	DEPTNO
7698	BLAKE	2850	MANAGER	30
7654	MARTIN	1250	SALESMAN	30
7499	ALLEN	1600	SALESMAN	30
7844	TURNER	1500	SALESMAN	30
7900	JAMES	950	CLERK	30
7521	WARD	1250	SALESMAN	30

6 rows selected.

```
SQL> SET AUTOTRACE ON EXPLAIN
SQL> SELECT Empno, Ename, Sal, Job, Dept.Deptno
2 FROM Emp, Dept
3 WHERE Emp.Deptno = Dept.Deptno AND Dname = 'SALES';
```

EMPNO	ENAME	SAL	JOB	DEPTNO
-------	-------	-----	-----	--------

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```
7698 BLAKE          2850 MANAGER          30
7654 MARTIN         1250 SALESMAN           30
7499 ALLEN          1600 SALESMAN           30
7844 TURNER         1500 SALESMAN           30
7900 JAMES           950 CLERK                30
7521 WARD           1250 SALESMAN           30
```

6 rows selected.

### Execution Plan

Plan hash value: 615168685

```
--
| Id  | Operation              | Name | Rows  | Bytes | Cost (%CPU)| Time |
|-----|-----|-----|-----|-----|-----|-----|
--
|  0  | SELECT STATEMENT       |      |    5  |   370 |    7  (15)| 00:00:01 |
|*   1  |  HASH JOIN             |      |    5  |   370 |    7  (15)| 00:00:01 |
|*   2  |    TABLE ACCESS FULL | DEPT |    1  |    22 |    3   (0)| 00:00:01 |
|      3  |      TABLE ACCESS FULL | EMP  |   14  |   728 |    3   (0)| 00:00:01 |
|-----|-----|-----|-----|-----|-----|
--
```

Predicate Information (identified by operation id):

```
1 - access("EMP"."DEPTNO"="DEPT"."DEPTNO")
2 - filter("DNAME"='SALES')
```

### Note

- dynamic sampling used for this statement (level=2)

```
SQL> SELECT Empno, Ename, Sal, Job, Deptno
2 FROM Emp
3 WHERE Deptno =
4 (
5 SELECT Deptno
6 FROM Dept
7 WHERE Dname = 'SALES'
8 );
```

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```
-----
EMPNO ENAME          SAL JOB          DEPTNO
-----
7698 BLAKE            2850 MANAGER      30
7654 MARTIN           1250 SALESMAN     30
7499 ALLEN            1600 SALESMAN     30
7844 TURNER           1500 SALESMAN     30
7900 JAMES             950 CLERK         30
7521 WARD             1250 SALESMAN     30
-----
```

6 rows selected.

### Execution Plan

Plan hash value: 2858400319

```
-----
--
| Id  | Operation              | Name | Rows  | Bytes | Cost (%CPU)| Time
|-----|-----|-----|-----|-----|-----|-----|
--
|  0  | SELECT STATEMENT        |      |    1  |    52 |     6  (0)| 00:00:01
|*   1  | TABLE ACCESS FULL      | EMP  |     1  |    52 |     3  (0)| 00:00:01
|*   2  | TABLE ACCESS FULL      | DEPT  |     1  |    22 |     3  (0)| 00:00:01
|-----|-----|-----|-----|-----|-----|
--
```

Predicate Information (identified by operation id):

```
-----
1 - filter("DEPTNO"= (SELECT "DEPTNO" FROM "DEPT" "DEPT" WHERE
    "DNAME"='SALES'))
2 - filter("DNAME"='SALES')
```

### Note

- dynamic sampling used for this statement (level=2)

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, Sal, Job, Dept.Deptno, Dname, Loc
2  FROM Emp, Dept
3* WHERE Emp.Deptno = Dept.Deptno AND Dname = 'SALES'
SQL> /
```

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```
-----
EMPNO ENAME          SAL JOB          DEPTNO DNAME          LOC
-----
7698 BLAKE           2850 MANAGER          30 SALES
CHICAGO
7654 MARTIN          1250 SALESMAN        30 SALES
CHICAGO
7499 ALLEN           1600 SALESMAN        30 SALES
CHICAGO
7844 TURNER          1500 SALESMAN        30 SALES
CHICAGO
7900 JAMES            950 CLERK            30 SALES
CHICAGO
7521 WARD            1250 SALESMAN        30 SALES
CHICAGO
```

6 rows selected.

### Execution Plan

Plan hash value: 615168685

```
-----
--
| Id  | Operation              | Name | Rows  | Bytes | Cost (%CPU)| Time
|-----|-----|-----|-----|-----|-----|-----|
--
|  0  | SELECT STATEMENT        |      |    5  |  410  |    7  (15) | 00:00:01
|*   1  |  HASH JOIN              |      |    5  |  410  |    7  (15) | 00:00:01
|*   2  |    TABLE ACCESS FULL   | DEPT  |    1  |    30  |    3   (0) | 00:00:01
|      3  |      TABLE ACCESS FULL | EMP   |   14  |   728  |    3   (0) | 00:00:01
|-----|-----|-----|-----|-----|-----|
--
```

Predicate Information (identified by operation id):

```
-----
1 - access("EMP"."DEPTNO"="DEPT"."DEPTNO")
2 - filter("DNAME"='SALES')
```

### Note

- dynamic sampling used for this statement (level=2)

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SQL> cl scr

SQL> SET AUTOTRACE OFF EXPLAIN

SQL> cl scr

SQL> SELECT \* FROM Emp;

COMM	EMPNO	ENAME	DEPTNO	JOB	MGR	HIREDATE	SAL
	7839	KING		PRESIDENT		17-NOV-81	5000
10	7698	BLAKE		MANAGER	7839	01-MAY-81	2850
30	7782	CLARK		MANAGER	7839	09-JUN-81	2450
10	7566	JONES		MANAGER	7839	02-APR-81	2975
20	7654	MARTIN		SALESMAN	7698	28-SEP-81	1250
1400		30					
	7499	ALLEN		SALESMAN	7698	20-FEB-81	1600
300		30					
	7844	TURNER		SALESMAN	7698	08-SEP-81	1500
0		30					
	7900	JAMES		CLERK	7698	03-DEC-81	950
30							
	7521	WARD		SALESMAN	7698	22-FEB-81	1250
500		30					
	7902	FORD		ANALYST	7566	03-DEC-81	3000
20							
	7369	SMITH		CLERK	7902	17-DEC-80	800
20							
	7788	SCOTT		ANALYST	7566	09-DEC-82	3000
20							
	7876	ADAMS		CLERK	7788	12-JAN-83	1100
20							
	7934	MILLER		CLERK	7782	23-JAN-82	1300
10							

14 rows selected.

```
SQL> SELECT Ename, Deptno, Sal, Job
2 FROM Emp
3 WHERE Sal BETWEEN
4 (
5 SELECT Sal
6 FROM Emp
7 WHERE Ename = 'ADAMS'
8 )
```

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---

```
9  AND
10 (
11  SELECT Sal
12  FROM Emp
13  WHERE Ename = 'JONES'
14 );
```

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER
JONES	20	2975	MANAGER
MARTIN	30	1250	SALESMAN
ALLEN	30	1600	SALESMAN
TURNER	30	1500	SALESMAN
WARD	30	1250	SALESMAN
ADAMS	20	1100	CLERK
MILLER	10	1300	CLERK

9 rows selected.

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

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3  WHERE Sal BETWEEN
4  (
5  SELECT Sal
6  FROM Emp
7  WHERE Ename = 'ADAMS'
8  )
9  AND
10 (
11  SELECT Sal
12  FROM Emp
13  WHERE Ename = 'JONES'
14 ) AND
15 Deptno IN
16 (
17 (
18  SELECT Deptno
19  FROM Emp
20  WHERE Ename = 'MILLER'
21 )
22 ,
23 (
24  SELECT Deptno
25  FROM Emp
26  WHERE Ename = 'BLAKE'
```

---

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---

```
27 )
28* )
SQL> /
```

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER
MARTIN	30	1250	SALESMAN
ALLEN	30	1600	SALESMAN
TURNER	30	1500	SALESMAN
WARD	30	1250	SALESMAN
MILLER	10	1300	CLERK

7 rows selected.

```
SQL> ED
```

Wrote file afiedt.buf

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3  WHERE Sal BETWEEN
4  (
5    SELECT Sal
6    FROM Emp
7    WHERE Ename = 'ADAMS'
8  )
9  AND
10 (
11  SELECT Sal
12  FROM Emp
13  WHERE Ename = 'JONES'
14 ) AND
15 Deptno IN
16 (
17  (
18  SELECT Deptno
19  FROM Emp
20  WHERE Ename = 'MILLER'
21  )
22  ,
23  (
24  SELECT Deptno
25  FROM Emp
26  WHERE Ename = 'BLAKE'
27  )
28 ) AND
29 Sal > (
30         SELECT Sal
31         FROM Emp
```

---

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---

```
32          WHERE Ename = 'TURNER'
33*      )
SQL> /
```

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER
ALLEN	30	1600	SALESMAN

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

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3  WHERE Sal BETWEEN
4  (
5    SELECT Sal
6    FROM Emp
7    WHERE Ename = 'ADAMS'
8  )
9  AND
10 (
11  SELECT Sal
12  FROM Emp
13  WHERE Ename = 'JONES'
14 ) AND
15 Deptno IN
16 (
17  (
18  SELECT Deptno
19  FROM Emp
20  WHERE Ename = 'MILLER'
21  )
22  ,
23  (
24  SELECT Deptno
25  FROM Emp
26  WHERE Ename = 'BLAKE'
27  )
28 ) AND
29 Sal > (
30     SELECT Sal
31     FROM Emp
32     WHERE Ename = 'TURNER'
33 ) AND
34 Job = (
35     SELECT Job
36     FROM Emp
37     WHERE Ename = 'CLARK'
```

---

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---

```
38*          )
39  /
```

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER

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

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3  WHERE Sal BETWEEN
4  (
5    SELECT Sal
6    FROM Emp
7    WHERE Ename = 'ADAMS'
8  )
9  AND
10 (
11  SELECT Sal
12  FROM Emp
13  WHERE Ename = 'JONES'
14 ) AND
15 Deptno IN
16 (
17  (
18  SELECT Deptno
19  FROM Emp
20  WHERE Ename = 'MILLER'
21  )
22  ,
23  (
24  SELECT Deptno
25  FROM Emp
26  WHERE Ename = 'BLAKE'
27  )
28 ) AND
29 Sal > (
30         SELECT Sal
31         FROM Emp
32         WHERE Ename = 'TURNER'
33     ) AND
34 Job = (
35         SELECT Job
36         FROM Emp
37         WHERE Ename = 'CLARK'
38     ) AND
39* Ename <> 'CLARK'
```

---

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---

SQL> /

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER

SQL> SPOOL OFF

---

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