Sathish Yellanki's (Software Solutions)



Please Refer Your Friends

For

Qualitative Training

in

Oracle SQL And PL/SQL

For Details

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Mobile: 9985798869

Courses Offered

- Oracle 11g R2 SQL And PL/SQL
- Informatica 9 With DWH Concepts
- Linux/Unix Shell Scripting
- Oracle Performance And Tuning
- Big-Data With Hadoop
- Developer Suite 10g
- Oracle Apps R12(Techno Functional)
- Oracle Live Projects(SQL, PL/SQL)
- Informatica Live Projects
- Data Modeling With Normalization
- Advanced SQL And PL/SQL

New Batch Status

- Oracle 11g R2 SQL And PL/SQL Starts From 04th May 2015 At 5.30PM.
- Real Time Oracle Project in Oracle SQL And PL/SQL 4.00PM To 8.00PM.

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Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix

.....

```
SQL> cl scr
SQL> SELECT Empno, Ename, Deptno, Sal
   2 FROM Emp;
```

EMPNO	ENAME	DEPTNO	SAL
7839	KING	10	5000
7698	BLAKE	30	2850
7782	CLARK	10	2450
7566	JONES	20	2975
7654	MARTIN	30	1250
7499	ALLEN	30	1600
7844	TURNER	30	1500
7900	JAMES	30	950
7521	WARD	30	1250
7902	FORD	20	3000
7369	SMITH	20	800
7788	SCOTT	20	3000
7876	ADAMS	20	1100
7934	MILLER	10	1300
			M AK

14 rows selected.

SQL> SELECT SUM(Sal) FROM Emp a

SUM(SAL) -----29025

SQL> ED

Wrote file afiedt.buf

- 1 SELECT Empno, Ename, Deptno, Sal,
 2 (
 3 SELECT SUM(Sal)
- 4 FROM Emp
- 5) OrgSal
- 6* FROM Emp

7

A	EMPNO	ENAME	DEPTNO	SAL	ORGSAL
	7839	KING	10	5000	29025
	7698	BLAKE	30	2850	29025
	7782	CLARK	10	2450	29025
	7566	JONES	20	2975	29025

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```
.....
     7654 MARTIN
                                   1250
                                            29025
     7499 ALLEN
                           30
                                   1600
                                            29025
                           30
                                  1500
     7844 TURNER
                                            29025
     7900 JAMES
                           30
                                   950
                                            29025
     7521 WARD
                           30
                                   1250
                                            29025
                                  3000
     7902 FORD
                           20
                                            29025
     7369 SMITH
                           20
                                   800
                                            29025
     7788 SCOTT
                           20
                                  3000
                                            29025
     7876 ADAMS
                           20
                                  1100
                                            29025
     7934 MILLER
                           10
                                  1300
                                            29025
14 rows selected.
SQL> ED
Wrote file afiedt.buf
 1 SELECT Empno, Ename, Deptno, Sal,
  2
  3 SELECT SUM(Sal), AVG(Sal)
 4 FROM Emp
 5
    ) OrgSal
 6* FROM Emp
SQL> /
     SELECT SUM(Sal), AVG(Sal)
ERROR at line 3:
ORA-00913: too many values
SOL> ED
Wrote file afiedt.buf
 1 SELECT Empno, Ename, Deptno, Sal,
  2 (
 3 SELECT SUM(Sal)
  4 FROM Emp
 5 GROUP BY Deptno
    ) OrgSal
  6
  7* FROM Emp
SQL> /
     SELECT SUM(Sal)
ERROR at line 3:
ORA-01427: single-row subquery returns more than one row
SQL> ED
```

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-

```
Wrote file afiedt.buf
  1 SELECT Empno, Ename, Deptno, Sal,
  3
    SELECT SUM(Sal)
  4
    FROM Emp
  5
    ) OrgSumSal,
  6
  7 SELECT AVG(Sal)
    FROM Emp
 9 ) OrgAvgSal
 10* FROM Emp
SQL> /
    EMPNO ENAME
                      DEPTNO
                                    SAL ORGSUMSAL ORGAVGSAL
                                     5000
                                              29025 2073.21429
     7839 KING
                        10
                           30
                                     2850
     7698 BLAKE
                                              29025 2073.21429
                                     2450
     7782 CLARK
                           10
                                              29025 2073.21429
                                            29025 2073.21429
     7566 JONES
                            20
                                     2975
     7654 MARTIN
                                              29025 2073.21429
                            30
                                    1250
                                     1600
     7499 ALLEN
                            30
                                              29025 2073.21429
                                     1500
     7844 TURNER
                            30
                                             29025 2073.21429
     7900 JAMES
                                      950
                                             29025 2073.21429
                            3.0
     7521 WARD
                                             29025 2073.21429
                            30
                                     1250
                                             29025 2073.21429
     7902 FORD
                                     3000
                            20
                                             29025 2073.21429
                                     800
     7369 SMITH
     7788 SCOTT
                                     3000
                                             29025 2073.21429
                                             29025 2073.21429
     7876 ADAMS
                            20
                                     1100
                                     1300
                            10
                                             29025 2073.21429
     7934 MILLER
14 rows selected.
SOL> ED
Wrote file afiedt.buf
  1 SELECT Empno, Ename, Deptno, Sal,
  2
    TO_CHAR(
  3
     SELECT SUM(Sal)
 4
     FROM Emp
  6
     ), '99G999D99') OrgSumSal,
     TO_CHAR(
  8
  9
     SELECT AVG(Sal)
 10
     FROM Emp
     ), '99D999D99') OrgAvgSal
```

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```
12* FROM Emp
SOL> /
     ), '99D999D99') OrgAvgSal
ERROR at line 11:
ORA-01481: invalid number format model
SQL> ED
Wrote file afiedt.buf
  1 SELECT Empno, Ename, Deptno, Sal,
  2
    TO_CHAR(
  3
  4 SELECT SUM(Sal)
  5 FROM Emp
  6
     ), '99G999D99') OrgSumSal,
    TO_CHAR(
  7
 8
 9 SELECT AVG(Sal)
 10 FROM Emp
 11 ), '99G999D99') OrgAvgSal
 12* FROM Emp
SQL> /
```

EMPNO	ENAME	DEPTNO	SAL	ORGSUMSAL	ORGAVGSAL
7020	ZING	10	E000	29,025.00	2 072 21
1839	KING	10	5000	29,025.00	2,073.21
7698	BLAKE	30	2850	29,025.00	2,073.21
7782	CLARK	10	2450	29,025.00	2,073.21
7566	JONES	20	2975	29,025.00	2,073.21
7654	MARTIN	30	1250	29,025.00	2,073.21
7499	ALLEN	30	1600	29,025.00	2,073.21
7844	TURNER	30	1500	29,025.00	2,073.21
7900	JAMES	30	950	29,025.00	2,073.21
7521	WARD	30	1250	29,025.00	2,073.21
7902	FORD	20	3000	29,025.00	2,073.21
7369	SMITH	20	800	29,025.00	2,073.21
7788	SCOTT	20	3000	29,025.00	2,073.21
7876	ADAMS	20	1100	29,025.00	2,073.21
7934	MILLER	10	1300	29,025.00	2,073.21

14 rows selected.

SQL> cl scr

SQL> ED

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Wrote file afiedt.buf 1 SELECT Empno, Ename, Deptno, Sal, 3 SELECT 'Summary : '||SUM(Sal)||', Average : '||AVG(Sal) 4 FROM Emp) OrgSumSal 6* FROM Emp SQL> / EMPNO ENAME DEPTNO SAL ORGSUMSAL 10 5000 7839 KING Summary: 29025, Average: 2073.21428571428571428571428571428571429 30 7698 BLAKE 2850 Summary: 29025, Average: 2073.21428571428571428571428571428571429 10 7782 CLARK Summary: 29025, Average: 2073.21428571428571428571428571428571429 20 7566 JONES 2975 Summary: 29025, Average: 2073.21428571428571428571428571428571429 30 1250 Summary : 29025, Average : 2073.21428571428571428571428571429 EMPNO ENAME ORGSUMSAL 7499 ALLEN 30 1600 Summary: 29025, Average: 2073.21428571428571428571428571428571429 7844 TURNER 30 1500 Summary: 29025, Average: 2073.21428571428571428571428571428571429 30 7900 JAMES 950 Summary: 29025, Average: 2073.21428571428571428571428571428571429 7521 WARD 30 1250

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Summary : 29025, Average : 2073.21428571428571428571428571428571429

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20 3000 7902 FORD

Summary: 29025, Average: 2073.21428571428571428571428571428571429

EMPNO ENAME DEPTNO SAL

7369 SMITH 20 800

Summary: 29025, Average: 2073.21428571428571428571428571428571429

7788 SCOTT 20 3000

Summary : 29025, Average : 2073.21428571428571428571428571429

20 1100 7876 ADAMS

Summary: 29025, Average: 2073.21428571428571428571428571428571429

10 1300 7934 MILLER

Summary: 29025, Average: 2073.21428571428571428571428571428571429

14 rows selected.

SQL> COL ORGSUMSAL FORMAT A120

SOL> /

EMPNO ENAME

7839 KING 10 5000

Summary: 29025, Average: 2073.21428571428571428571428571428571429

7698 BLAKE 30 2850

Summary: 29025, Average: 2073.21428571428571428571428571428571429

7782 CLARK 10 2450

Summary: 29025, Average: 2073.21428571428571428571428571428571429

20 7566 JONES 2975

Summary: 29025, Average: 2073.21428571428571428571428571428571429

7654 MARTIN 30 1250

Summary : 29025, Average : 2073.21428571428571428571428571428571429

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EMPNO ENAME DEPTNO SAL ORGSUMSAL Summary: 29025, Average: 2073.21428571428571428571428571428571429 7844 TURNER 30 1500 Summary: 29025, Average: 2073.21428571428571428571428571428571429 30 950 7900 JAMES Summary: 29025, Average: 2073.21428571428571428571428571428571429 30 1250 7521 WARD Summary : 29025, Average : 2073.21428571428571428571428571429 20 3000 7902 FORD Summary: 29025, Average: 2073.21428571428571428571428571428571429 EMPNO ENAME DEPTNO 7369 SMITH 7369 SMITH 20 800 Summary : 29025, Average : 2073.21428571428571428571428571429 7788 SCOTT 7788 SCOTT 20 3000 Summary: 29025, Average: 2073.21428571428571428571428571429 20 1100 7876 ADAMS Summary : 29025, Average : 2073.21428571428571428571428571429 7934 MILLER 10 1300 Summary: 29025, Average: 2073.21428571428571428571428571428571429 14 rows selected. SQL> ED Wrote file afiedt.buf 1 SELECT Empno, Ename, Deptno, Sal,

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'9999D99') 4 FROM Emp 5) OrgSumSal 6* FROM Emp SQL> /	Ĺ	SUM(Sal)	', Average	: ' TO_CHAR(AVG(Sal),
EMPNO ENAME		DEPTNO	SAL 	
ORGSUMSAL				
7839 KING Summary : 29025,		10 2073.21	5000	
7698 BLAKE Summary : 29025,	Average :	30 2073.21	2850	9
7782 CLARK Summary : 29025,		10 2073.21	2450	
7566 JONES Summary : 29025,	Average :	20 2073.21	2975	
7654 MARTII Summary : 29025,		30 2073.21	1250	
EMPNO ENAME		DEPTNO	SAL	
ORGSUMSAL	50			
7499 ALLEN Summary : 29025,	Average :	30 2073.21	1600	
7844 TURNES Summary : 29025,		30 2073.21	1500	
7900 JAMES Summary : 29025,	Average :	30 2073.21	950	
7521 WARD Summary : 29025,	Average :	30 2073.21	1250	
7902 FORD		20	3000	

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.....

Dullillary ' 20025, Average ' 2075.	ummary	5, Average :	2073.21
-------------------------------------	--------	--------------	---------

-			
EMPNO ENAME	DEPTNO	SAL	
ORGSUMSAL			
7369 SMITH Summary: 29025, Avera	20 .ge: 2073.21	800	CH
7788 SCOTT Summary: 29025, Avera	20 ge: 2073.21	3000	
7876 ADAMS Summary: 29025, Avera	20 .ge: 2073.21	1100	
7934 MILLER Summary : 29025, Avera	10 age: 2073.21	1300	9
14 rows selected.	4	16,	
SQL> COL ORGSUMSAL FOR SQL> R 1 SELECT Empno, Ena 2 (3 SELECT 'Summary '9999D99') 4 FROM Emp 5) OrgSumSal 6* FROM Emp	me, Deptno, Sa		: ' TO_CHAR(AVG(Sal),
EMPNO ENAME	DEPTNO	SAL ORGS	SUMSAL
- 7839 KING 20	10	5000 Sumr	mary : 29025, Average :
7698 BLAKE 20	30	73.2 2850 Sumr 73.2	mary : 29025, Average :
7782 CLARK	10	2450 Sumr	mary : 29025, Average :

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20	7566	JONES	20	2975	Summary :	29025,	Average	:
20					73.21			
20	7654	MARTIN	30	1250	Summary:	29025,	Average	
					73.21			
20	7499	ALLEN	30	1600	Summary :	29025,	Average	:
					73.21	+		
	EMPNO	ENAME	DEPTNO	SAL 	ORGSUMSAL			
-								
20	7844	TURNER	30	1500	Summary :	29025,	Average	:
				10	73.21			
20	7900	JAMES	30	950	Summary:	29025,	Average	:
	7501	WARD	30	1250	73.21 Summary :	20025	Arrowago	
20	7521	WARD	30	1230	73.21	29025,	Average	•
	7902	FORD	20	3000	Summary:	29025.	Average	:
20			- 0		73.21	,		
	7369	SMITH	20	800	Summary :	29025,	Average	:
20		h.			73.21			
	7788	SCOTT	20	3000	Summary :	29025,	Average	:
20	0,							
	EMPNO	ENAME	DEPTNO	SAL 	ORGSUMSAL	ı - — — — — — -		
0					73.21			
20	7876	ADAMS	20	1100	Summary :	29025,	Average	:
20								

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-

73.21

7934 MILLER 10 1300 Summary : 29025, Average :

20 73.21

14 rows selected.

SQL> COL ORGSUMSAL FORMAT A40

SQL> R

1 SELECT Empno, Ename, Deptno, Sal,

2

3 SELECT 'Summary : '||SUM(Sal)||', Average : '||TO_CHAR(AVG(Sal),
'9999D99')

4 FROM Emp

5) OrgSumSal

6* FROM Emp

EMPNO	ENAME DEI	PTNO	SAL	ORGSUMSA	ΔL			
			IK	7				
7839	KING	10	5000	Summary	:	29025,	Average	:
2073.21	D. 1115	22	0050	a		00005	-	
7698 2073 - 21	BLAKE	30	2850	Summary	:	29025,	Average	:
7782	CLARK	10	2450	Summary	:	29025,	Average	:
2073.21								
7566 2073.21	JONES	20	2975	Summary	:	29025,	Average	:
7654	MARTIN	30	1250	Summary	:	29025,	Average	:
2073.21				1		,		
7499	ALLEN	30	1600	Summary	:	29025,	Average	:
2073.21 7844	TURNER	30	1500	Summary	:	29025	Average	:
2073.21	Total	30	1300	Sammary		2,025,	merage	
7900	JAMES	30	950	Summary	:	29025,	Average	:
2073.21 7521	MADD	30	1250	Cummaria		20025	Average	
2073.21	WARD	30	1230	Summary	•	29023,	Average	•
7902	FORD	20	3000	Summary	:	29025,	Average	:
2073.21	CMTELL	2.0	0.00	G		20025	7	_
7369	SMITH	20	800	Summary	•	29025,	Average	•
7788	SCOTT	20	3000	Summary	:	29025,	Average	:
2073.21								

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```
.....
     7876 ADAMS
                                   1100 Summary : 29025, Average :
2073.21
     7934 MILLER
                           10
                                   1300 Summary : 29025, Average :
2073.21
14 rows selected.
SQL> cl scr
SQL> SELECT Ename, Job, Deptno, Sal
 2 FROM Emp
  3 WHERE Sal >
  4
 5
    SELECT AVG(Sal)
 6
   FROM Emp
 7
    WHERE
 8
SOL> ED
Wrote file afiedt.buf
 1 SELECT Ename, Job, OE.Deptno, Sal
  2 FROM Emp OE
 3 WHERE Sal >
    (
 5 SELECT AVG(Sal)
 6
    FROM Emp IE
 7 WHERE IE.Deptno = OE.Deptno
 8* )
SQL> /
                       DEPTNO
ENAME
          JOB
                                   SAL
KING
          PRESIDENT
                          10
                                   5000
                          30
BLAKE
          MANAGER
                                  2850
          MANAGER
                          20
JONES
                                  2975
          SALESMAN
                          30
ALLEN
                                  1600
FORD
          ANALYST
                          20
                                  3000
          ANALYST
                          20
                                  3000
SCOTT
6 rows selected.
SQL> ED
Wrote file afiedt.buf
    SELECT Ename, Job, OE.Deptno, Sal
  2
    FROM Emp OE,
```

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```
4    SELECT Deptno, AVG(Sal) SalAvg
5    FROM Emp IE
6    GROUP BY Deptno
7    ) IE
8* WHERE OE.Deptno = IE.Deptno AND OE.Sal > IE.SalAvg
9  /
```

ENAME	JOB	DEPTNO	SAL
ALLEN	SALESMAN	30	1600
BLAKE	MANAGER	30	2850
SCOTT	ANALYST	20	3000
FORD	ANALYST	20	3000
JONES	MANAGER	20	2975
KING	PRESIDENT	10	5000

6 rows selected.

```
SQL> SET AUTOTRACE ON EXPLAIN
SQL> R
   1 SELECT Ename, Job, OE.Deptno, Sal
   2 FROM Emp OE,
```

- 3 (
- 4 SELECT Deptno, AVG(Sal) SalAvg
- 5 FROM Emp IE
- 6 GROUP BY Deptno
- 7) IE
- 8* WHERE OE.Deptno = IE.Deptno AND OE.Sal > IE.SalAvg

ENAME	JOB	DEPTNO	SAL
ALLEN	SALESMAN	30	1600
BLAKE	MANAGER	30	2850
SCOTT	ANALYST	20	3000
FORD	ANALYST	20	3000
JONES	MANAGER	20	2975
KING	PRESIDENT	10	5000

6 rows selected.

Execution Plan

Plan hash value: 2230095667

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| Name | Rows | Bytes | Cost (%CPU) | Time 0 | SELECT STATEMENT | 3 | 195 | 8 (25) 00:00:01 |* 1 | HASH JOIN | 3 | 195 | 00:00:01 2 | TABLE ACCESS FULL | EMP | 14 | 546 | 00:00:01 | | 3 | VIEW | 14 | 364 | (25)00:00:01 HASH GROUP BY | 14 | (25) 4 | 364 00:00:01 5 | TABLE ACCESS FULL EMP | 14 | (0) 00:00:01 Predicate Information (identified by operation id): ______ 1 - access("OE"."DEPTNO"="IE"."DEPTNO") filter("OE"."SAL">"IE"."SALAVG") Note - dynamic sampling used for this statement (level=2) SQL> SELECT Ename, Job, OE.Deptno, Sal 2 FROM Emp OE 3 WHERE Sal > 4 (SELECT AVG(Sal) 5 6 FROM Emp IE 7 WHERE IE.Deptno = OE.Deptno 8

ENAME	JOB	DEPTNO	SAL
KING	PRESIDENT	10	5000
BLAKE	MANAGER	30	2850
JONES	MANAGER	20	2975
ALLEN	SALESMAN	30	1600
FORD	ANALYST	20	3000
SCOTT	ANALYST	20	3000

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6 rows selected. Execution Plan _____ Plan hash value: 2649664444 -----| Id | Operation | Name | Rows | Bytes | Cost (%CPU)| 0 | SELECT STATEMENT | 117 (0) 00:00:01 |* 1 | FILTER 2 | TABLE ACCESS FULL | EMP (0) 00:00:01 3 | SORT AGGREGATE * 4 TABLE ACCESS FULL EMP 26 l (0) 00:00:01 | Predicate Information (identified by operation id): 1 - filter("SAL"> (SELECT AVG("SAL") FROM "EMP" "IE" WHERE "IE"."DEPTNO"=:B1)) 4 - filter("IE"."DEPTNO"=:B1) Note - dynamic sampling used for this statement (level=2) SOL> ED Wrote file afiedt.buf SELECT Ename, Job, OE.Deptno, Sal, SalAvg FROM Emp OE, 3 (SELECT Deptno, AVG(Sal) SalAvg FROM Emp IE GROUP BY Deptno 6

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-

8*	WHERE	OE.Deptno	=	IE.Deptno	AND	OE.Sal	>	IE.SalAvg
SOL>	/							

ENAME	JOB	DEPTNO	SAL	SALAVG
ALLEN	SALESMAN	30	1600	1566.66667
BLAKE	MANAGER	30	2850	1566.66667
SCOTT	ANALYST	20	3000	2175
FORD	ANALYST	20	3000	2175
JONES	MANAGER	20	2975	2175
KING	PRESIDENT	10	5000	2916.66667

6 rows selected.

Execution Plan

Plan hash value: 2230095667

	4	0	· ·		
Id Operation	Name Ro	ws E	Bytes Co	st (%CPU) Time
0 SELECT STATEMENT		3	195	8	(25)
00:00:01		2	105	0	(05)
* 1 HASH JOIN 00:00:01		3	195	8	(25)
2 TABLE ACCESS FULL	EMP	14	546	3	(0)
00:00:01					
3 VIEW		14	364	4	(25)
00:00:01 4 HASH GROUP BY	ı	14	364	4	(25)
00:00:01	I	T.4	304	4	(25)
5 TABLE ACCESS FULL	EMP	14	364	3	(0)
00:00:01	·		·		

Predicate Information (identified by operation id):

```
1 - access("OE"."DEPTNO"="IE"."DEPTNO")
    filter("OE"."SAL">"IE"."SALAVG")
```

Note

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- dynamic sampling used for this statement (level=2) SOL> cl scr SQL> SELECT Empno, Ename, E.Deptno, Sal, MGR 2 FROM Emp E 3 WHERE E.Sal > 4 (5 SELECT M.Sal 6 FROM Emp M 7 WHERE M.Empno = E.MGR EMPNO ENAME DEPTNO MGR 20 20 7902 FORD 7566 7788 SCOTT 3000 7566 Execution Plan Plan hash value: 2985774579 | Id | Operation Name Rows Bytes Cost (%CPU) | Time 0 | SELECT STATEMENT 1 | 59 | 4 (0) | 00:00:01 |* 1 | FILTER 2 | TABLE ACCESS FULL | EMP | 14 | 826 | 3 (0) 00:00:01 TABLE ACCESS BY INDEX ROWID EMP 1 | 26 | (0) | 00:00:01 | | * 4 | INDEX UNIQUE SCAN | EMP_PRIMARY_KEY | 1 | (0) 00:00:01 Predicate Information (identified by operation id):

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```
.....
  1 - filter("E"."SAL" > (SELECT "M"."SAL" FROM "EMP" "M" WHERE
"M"."EMPNO"=:B1))
  4 - access("M"."EMPNO"=:B1)
Note
  - dynamic sampling used for this statement (level=2)
SQL> SET AUTOTRACE OFF EXPLAIN
SOL> SELECT Ename, Sal
  2 FROM Emp
  3 WHERE Empno = 7566;
               SAL
ENAME
-----
JONES
SOL> cl scr
SQL> SELECT Deptno, Dname
  2 FROM Dept D;
   DEPTNO DNAME
      10 ACCOUNTING
       20 RESEARCH
       30 SALES
       40 OPERATIONS
SOL> ED
Wrote file afiedt.buf
 1 SELECT DISTINCT Deptno, Dname
  2 FROM Dept D, Emp E
  3* WHERE D.Deptno = E.Deptno
SQL> /
SELECT DISTINCT Deptno, Dname
ERROR at line 1:
ORA-00918: column ambiguously defined
SOL> ED
Wrote file afiedt.buf
  1 SELECT DISTINCT D.Deptno, Dname
  2 FROM Dept D, Emp E
```

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```
.....
  3* WHERE D.Deptno = E.Deptno
SQL> /
   DEPTNO DNAME
       10 ACCOUNTING
       20 RESEARCH
       30 SALES
SOL> ED
Wrote file afiedt.buf
 1 SELECT D.Deptno, Dname
 2 FROM Dept D, Emp E
 3 WHERE D.Deptno = E.Deptno
 4* GROUP BY D.Deptno, Dname
SQL> /
   DEPTNO DNAME
       10 ACCOUNTING
       20 RESEARCH
       30 SALES
SQL> ED
Wrote file afiedt.buf
 1 SELECT D.Deptno, Dname
 2 FROM Dept D
  3 WHERE D.Deptno IN
  5 SELECT Deptno
 6 FROM Emp
 7* )
SQL> /
   DEPTNO DNAME
       10 ACCOUNTING
       30 SALES
     20 RESEARCH
SQL> ED
Wrote file afiedt.buf
 1 SELECT D.Deptno, Dname
   FROM Dept D
```

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```
.....
 3 WHERE D.Deptno IN
 4
   (
 5 SELECT DISTINCT Deptno
 6 FROM Emp
 7*
SOL> /
   DEPTNO DNAME
      10 ACCOUNTING
      30 SALES
      20 RESEARCH
SQL> ED
Wrote file afiedt.buf
 1 SELECT D.Deptno, Dname
 2 FROM Dept D
 3 WHERE D.Deptno IN
 5 SELECT Deptno
 6 FROM Emp
 7 GROUP BY Deptno
 8* )
SQL> /
   DEPTNO DNAME
 ._____
       30 SALES
       20 RESEARCH
      10 ACCOUNTING
SOL> ED
Wrote file afiedt.buf
 1 SELECT D.Deptno, Dname
 2 FROM Dept D
 3 WHERE D.Deptno IN
 5 SELECT Deptno
   FROM EUR E. Deptno = D. Deptno
     FROM Emp E
 8* )
SQL> /
   DEPTNO DNAME
```

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```
.....
      10 ACCOUNTING
      30 SALES
      20 RESEARCH
SQL> SELECT Deptno, Dname
 2 FROM Dept D
 3 WHERE EXISTS
   (
 5 SELECT *
 6
   FROM Emp E
 7 WHERE D.Deptno = E.Deptno
   );
   DEPTNO DNAME
_____
      10 ACCOUNTING
      30 SALES
      20 RESEARCH
SOL> ED
Wrote file afiedt.buf
 1 SELECT Deptno, Dname
 2 FROM Dept D
 3 WHERE EXISTS
 4 (
 5 SELECT Deptno
 6 FROM Emp E
 7 WHERE D.Deptno = E.Deptno
 8* )
SQL> /
   DEPTNO DNAME
      10 ACCOUNTING
      30 SALES
      20 RESEARCH
SQL> ED
Wrote file afiedt.buf
    SELECT Deptno, Dname
 2 FROM Dept D
    WHERE EXISTS
 5
    SELECT 1
```

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```
WHERE D.Deptno = E.Deptno
  8*)
SQL> /
    DEPTNO DNAME
       10 ACCOUNTING
        30 SALES
        20 RESEARCH
SQL> ED
Wrote file afiedt.buf
  1 SELECT Deptno, Dname
  2 FROM Dept D
  3 WHERE NOT EXISTS
  4
    (
  5 SELECT 1
  6 FROM Emp E
  7 WHERE D.Deptno = E.Deptno
  8*
SOL> /
   DEPTNO DNAME
       40 OPERATIONS
SQL> SELECT E.Ename
  2 FROM Emp E
  3 WHERE EXISTS
  5 SELECT *
    FROM Emp E1
  6
    WHERE E1.Empno = E.Mgr
  7
  8
ENAME
BLAKE
CLARK
JONES
MARTIN
ALLEN
TURNER
JAMES
WARD
FORD
```

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SMITH SCOTT **ADAMS** MILLER 13 rows selected. SQL> ED Wrote file afiedt.buf 1 SELECT E.Ename 2 FROM Emp E 3 WHERE NOT EXISTS 4 5 SELECT * 6 FROM Emp E1 7 WHERE E1.Empno = E.Mgr 8*) SQL> / ENAME KING SQL> SELECT E.Ename 2 FROM Emp E 3 WHERE EXISTS 5 SELECT * 6 FROM Emp E1 7 WHERE E1.Mgr = E.Empno **ENAME** KING BLAKE JONES FORD SCOTT CLARK 6 rows selected. SQL> ED Wrote file afiedt.buf

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```
1
    SELECT E.Ename
  2
   FROM Emp E
  3 WHERE NOT EXISTS
  4
  5
    SELECT *
  б
    FROM Emp E1
  7
    WHERE E1.Mgr = E.Empno
  8*
SQL> /
ENAME
TURNER
WARD
MARTIN
ALLEN
MILLER
SMITH
ADAMS
JAMES
8 rows selected.
SOL> ED
Wrote file afiedt.buf
    SELECT E.Ename, Sal, Comm
  2 FROM Emp E
  3 WHERE EXISTS
  4
    (
  5
    SELECT *
  6
    FROM Emp E1
  7
     WHERE E1.Comm = E.Comm
  8*
     )
SQL> /
ENAME
                             COMM
                             1400
MARTIN
                 1250
ALLEN
                 1600
                              300
TURNER
                 1500
                               0
WARD
                 1250
                              500
SQL> ED
Wrote file afiedt.buf
    SELECT E.Ename, Sal, Comm
```

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```
2 FROM Emp E
3 WHERE NOT EXISTS
4 (
5 SELECT *
6 FROM Emp E1
7 WHERE E1.Comm = E.Comm
8* )
SQL> /
```

ENAME	SAL	COMM
MILLER	1300	
ADAMS	1100	
SCOTT	3000	
SMITH	800	
FORD	3000	
JAMES	950	
JONES	2975	
CLARK	2450	
BLAKE	2850	
KING	5000	

10 rows selected.

SQL> SPOOL OFF

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Courses Offered

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- Informatica 9 With DWH Concepts
- Linux/Unix Shell Scripting
- Oracle Performance And Tuning
- Big-Data With Hadoop
- Developer Suite 10g
- Oracle Apps R12(Techno Functional)
- Oracle Live Projects(SQL, PL/SQL)
- Informatica Live Projects
- Data Modeling With Normalization
- Advanced SQL And PL/SQL

New Batch Status

- Oracle 11g R2 SQL And PL/SQL Starts From 04th May 2015 At 5.30PM,
- Real Time Oracle Project in Oracle SQL And PL/SQL 4.00PM To 8.00PM.

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