Sathish Yellanki

Institute of Software Solutions

Announcing A New Batch
For
Performance Tuning

Date : 22nd June 2015
Time : 12.30 P.M.

Registrations
Started

Contact Details
Flat No : 201, 2nd Floor, Abhilash Tower
SR Nagar Main Road, Near SR Nagar Community Hall.
Land Mark : Just Bake Bakery, Hyderabad.
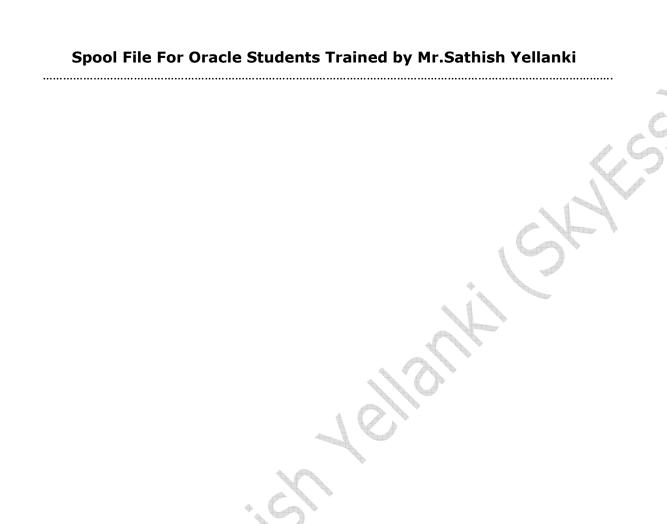Phone : 91 40 2371 0047, 64640047, 9985798869

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
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
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Sathish Yellanki

Institute of Software Solutions

Announcing A New Batch
For
Oracle 11g R2
(SQL And PL/SQL)

Date   : 18th June 2015
Time   : 04.00 P.M.

Registrations
Started

Contact Details
Flat No : 201, 2nd Floor, Abhilash Tower
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```
SQL> cl scr

SQL> SELECT
  2  Ename,
  3  Job,
  4  Sal,
  5  SUM(Sal)
  6  OVER
  7  (
  8  ORDER BY Sal DESC
  9  ) "CumSal"
 10  FROM Emp;

ENAME       JOB              SAL     CumSal
---------- --------- ---------- ----------
KING        PRESIDENT       5000       5000
SCOTT       ANALYST         3000      11000
FORD        ANALYST         3000      11000
JONES       MANAGER         2975      13975
BLAKE       MANAGER         2850      16825
CLARK       MANAGER         2450      19275
ALLEN       SALESMAN        1600      20875
TURNER      SALESMAN        1500      22375
MILLER      CLERK           1300      23675
WARD        SALESMAN        1250      26175
MARTIN      SALESMAN        1250      26175
ADAMS       CLERK           1100      27275
JAMES       CLERK            950      28225
SMITH       CLERK            800      29025

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename,
  3  Job,
  4  Sal,
  5  SUM(Sal)
  6  OVER
  7  (
  8  ORDER BY Sal DESC, Empno
  9  ) "CumSal"
 10* FROM Emp
```

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Know you can register online for particular course (http://skyess.info/contact-for)

```
SQL> /

ENAME        JOB              SAL      CumSal
----------   ---------   ----------   ----------
KING         PRESIDENT       5000         5000
SCOTT        ANALYST         3000         8000
FORD         ANALYST         3000        11000
JONES        MANAGER         2975        13975
BLAKE        MANAGER         2850        16825
CLARK        MANAGER         2450        19275
ALLEN        SALESMAN        1600        20875
TURNER       SALESMAN        1500        22375
MILLER       CLERK           1300        23675
WARD         SALESMAN        1250        24925
MARTIN       SALESMAN        1250        26175
ADAMS        CLERK           1100        27275
JAMES        CLERK            950        28225
SMITH        CLERK            800        29025

14 rows selected.

SQL> ED
Wrote file afiedt.buf

    1   SELECT
    2   Ename,
    3   Job,
    4   Sal,
    5   SUM(Sal)
    6   OVER
    7    (
    8    ORDER BY Sal DESC, Empno
    9    ) "Running Salary"
   10*  FROM Emp
SQL> /

ENAME        JOB              SAL Running Salary
----------   ---------   ----------   --------------
KING         PRESIDENT       5000         5000
SCOTT        ANALYST         3000         8000
FORD         ANALYST         3000        11000
JONES        MANAGER         2975        13975
BLAKE        MANAGER         2850        16825
CLARK        MANAGER         2450        19275
ALLEN        SALESMAN        1600        20875
TURNER       SALESMAN        1500        22375
MILLER       CLERK           1300        23675
```

```
WARD         SALESMAN       1250       24925
MARTIN       SALESMAN       1250       26175
ADAMS        CLERK          1100       27275
JAMES        CLERK           950       28225
SMITH        CLERK           800       29025

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename,
  3  Job,
  4  Sal,
  5  SUM(Sal)
  6  OVER
  7  (
  8   ORDER BY Sal DESC, Empno
  9   ) "Running Salary",
 10  AVG(Sal)
 11  OVER
 12  (
 13   ORDER BY Sal DESC, Empno
 14   ) "Moving Average"
 15* FROM Emp
SQL> /

ENAME      JOB              SAL Running Salary Moving Average
---------- --------- ---------- -------------- --------------
KING       PRESIDENT       5000           5000           5000
SCOTT      ANALYST         3000           8000           4000
FORD       ANALYST         3000          11000     3666.66667
JONES      MANAGER         2975          13975        3493.75
BLAKE      MANAGER         2850          16825           3365
CLARK      MANAGER         2450          19275         3212.5
ALLEN      SALESMAN        1600          20875     2982.14286
TURNER     SALESMAN        1500          22375       2796.875
MILLER     CLERK           1300          23675     2630.55556
WARD       SALESMAN        1250          24925         2492.5
MARTIN     SALESMAN        1250          26175     2379.54545
ADAMS      CLERK           1100          27275     2272.91667
JAMES      CLERK            950          28225     2171.15385
SMITH      CLERK            800          29025     2073.21429

14 rows selected.
```

```
SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename,
  3  Job,
  4  Sal,
  5  SUM(Sal)
  6  OVER
  7   (
  8   ORDER BY Sal DESC, Empno
  9   ) "RunSal",
 10  AVG(Sal)
 11  OVER
 12   (
 13   ORDER BY Sal DESC, Empno
 14   ) "MovAvg",
 15  MAX(Sal)
 16  OVER
 17   (
 18   ORDER BY Sal DESC, Empno
 19   ) "MovMax"
 20* FROM Emp
SQL> /

ENAME      JOB             SAL    RunSal     MovAvg     MovMax
---------- --------- ---------- ---------- ---------- ----------
KING       PRESIDENT      5000       5000       5000       5000
SCOTT      ANALYST        3000       8000       4000       5000
FORD       ANALYST        3000      11000 3666.66667       5000
JONES      MANAGER        2975      13975    3493.75       5000
BLAKE      MANAGER        2850      16825       3365       5000
CLARK      MANAGER        2450      19275     3212.5       5000
ALLEN      SALESMAN       1600      20875 2982.14286       5000
TURNER     SALESMAN       1500      22375   2796.875       5000
MILLER     CLERK          1300      23675 2630.55556       5000
WARD       SALESMAN       1250      24925     2492.5       5000
MARTIN     SALESMAN       1250      26175 2379.54545       5000
ADAMS      CLERK          1100      27275 2272.91667       5000
JAMES      CLERK           950      28225 2171.15385       5000
SMITH      CLERK           800      29025 2073.21429       5000

14 rows selected.

SQL> ED
Wrote file afiedt.buf
```

```
 1   SELECT
 2   Empno,
 3   Ename,
 4   Job,
 5   Sal,
 6   /*SUM(Sal)
 7   OVER
 8    (
 9    ORDER BY Sal DESC, Empno
10    ) "RunSal",
11   AVG(Sal)
12   OVER
13    (
14    ORDER BY Sal DESC, Empno
15    ) "MovAvg",
16   */
17   MAX(Sal)
18   OVER
19    (
20    ORDER BY Empno
21    ) "MovMax"
22*  FROM Emp
SQL> /

     EMPNO ENAME      JOB             SAL     MovMax
---------- ---------- --------- ---------- ----------
      7369 SMITH      CLERK            800        800
      7499 ALLEN      SALESMAN        1600       1600
      7521 WARD       SALESMAN        1250       1600
      7566 JONES      MANAGER         2975       2975
      7654 MARTIN     SALESMAN        1250       2975
      7698 BLAKE      MANAGER         2850       2975
      7782 CLARK      MANAGER         2450       2975
      7788 SCOTT      ANALYST         3000       3000
      7839 KING       PRESIDENT       5000       5000
      7844 TURNER     SALESMAN        1500       5000
      7876 ADAMS      CLERK           1100       5000
      7900 JAMES      CLERK            950       5000
      7902 FORD       ANALYST         3000       5000
      7934 MILLER     CLERK           1300       5000

14 rows selected.

SQL> ED
Wrote file afiedt.buf

 1   SELECT
```

```
  2  Empno,
  3  Ename,
  4  Job,
  5  Sal,
  6  MAX(Sal)
  7  OVER
  8   (
  9   ORDER BY Empno
 10   ) "MovMax",
 11  MIN(Sal)
 12  OVER
 13   (
 14   ORDER BY Empno
 15   ) "MovMin"
 16* FROM Emp
SQL> /
```

```
    EMPNO ENAME      JOB              SAL     MovMax     MovMin
---------- ---------- --------- ---------- ---------- ----------
      7369 SMITH      CLERK            800        800        800
      7499 ALLEN      SALESMAN        1600       1600        800
      7521 WARD       SALESMAN        1250       1600        800
      7566 JONES      MANAGER         2975       2975        800
      7654 MARTIN     SALESMAN        1250       2975        800
      7698 BLAKE      MANAGER         2850       2975        800
      7782 CLARK      MANAGER         2450       2975        800
      7788 SCOTT      ANALYST         3000       3000        800
      7839 KING       PRESIDENT       5000       5000        800
      7844 TURNER     SALESMAN        1500       5000        800
      7876 ADAMS      CLERK           1100       5000        800
      7900 JAMES      CLERK            950       5000        800
      7902 FORD       ANALYST         3000       5000        800
      7934 MILLER     CLERK           1300       5000        800

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Empno,
  3  Ename,
  4  Job,
  5  Sal,
  6  MAX(Sal)
  7  OVER
  8   (
```

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```
 9    ORDER BY Ename
10    ) "MovMax",
11    MIN(Sal)
12    OVER
13    (
14    ORDER BY Ename
15    ) "MovMin"
16* FROM Emp
SQL> /

    EMPNO ENAME      JOB             SAL    MovMax     MovMin
---------- ---------- --------- ---------- ---------- ----------
     7876 ADAMS      CLERK          1100       1100       1100
     7499 ALLEN      SALESMAN       1600       1600       1100
     7698 BLAKE      MANAGER        2850       2850       1100
     7782 CLARK      MANAGER        2450       2850       1100
     7902 FORD       ANALYST        3000       3000       1100
     7900 JAMES      CLERK           950       3000        950
     7566 JONES      MANAGER        2975       3000        950
     7839 KING       PRESIDENT      5000       5000        950
     7654 MARTIN     SALESMAN       1250       5000        950
     7934 MILLER     CLERK          1300       5000        950
     7788 SCOTT      ANALYST        3000       5000        950
     7369 SMITH      CLERK           800       5000        800
     7844 TURNER     SALESMAN       1500       5000        800
     7521 WARD       SALESMAN       1250       5000        800

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1    SELECT
  2    Ename,
  3    Sal,
  4    MAX(Sal)
  5    OVER
  6    (
  7    ORDER BY Ename
  8    ) "MovMax",
  9    MIN(Sal)
 10    OVER
 11    (
 12    ORDER BY Ename
 13    ) "MovMin",
 14    MAX(Sal)
 15    OVER
```

```
 16   (
 17   ORDER BY Ename
 18   ) -
 19   MIN(Sal)
 20   OVER
 21   (
 22   ORDER BY Ename
 23   ) "MovDiff"
 24* FROM Emp
SQL> /

ENAME            SAL     MovMax     MovMin     MovDiff
---------- ---------- ---------- ---------- ----------
ADAMS           1100       1100       1100          0
ALLEN           1600       1600       1100        500
BLAKE           2850       2850       1100       1750
CLARK           2450       2850       1100       1750
FORD            3000       3000       1100       1900
JAMES            950       3000        950       2050
JONES           2975       3000        950       2050
KING            5000       5000        950       4050
MARTIN          1250       5000        950       4050
MILLER          1300       5000        950       4050
SCOTT           3000       5000        950       4050
SMITH            800       5000        800       4200
TURNER          1500       5000        800       4200
WARD            1250       5000        800       4200

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1   SELECT
  2   Ename,
  3   Sal,
  4   MAX(Sal)
  5   OVER
  6   (
  7   ORDER BY Ename
  8   ) "MovMax",
  9   MIN(Sal)
 10   OVER
 11   (
 12   ORDER BY Ename
 13   ) "MovMin",
 14   MAX(Sal)
```

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```
 15   OVER
 16   (
 17    ORDER BY Ename
 18    ) -
 19   MIN(Sal)
 20   OVER
 21   (
 22    ORDER BY Ename
 23    ) "MovDiff",
 24   SUM(Sal)
 25   OVER
 26   (
 27    ORDER BY Ename, Empno
 28    ) "RunSal"
 29* FROM Emp
SQL> /
```

ENAME	SAL	MovMax	MovMin	MovDiff	RunSal
ADAMS	1100	1100	1100	0	1100
ALLEN	1600	1600	1100	500	2700
BLAKE	2850	2850	1100	1750	5550
CLARK	2450	2850	1100	1750	8000
FORD	3000	3000	1100	1900	11000
JAMES	950	3000	950	2050	11950
JONES	2975	3000	950	2050	14925
KING	5000	5000	950	4050	19925
MARTIN	1250	5000	950	4050	21175
MILLER	1300	5000	950	4050	22475
SCOTT	3000	5000	950	4050	25475
SMITH	800	5000	800	4200	26275
TURNER	1500	5000	800	4200	27775
WARD	1250	5000	800	4200	29025

```
14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1   SELECT
  2   Ename,
  3   TO_CHAR(Sal, '99G999D99') Sal,
  4   TO_CHAR
  5   (
  6   MAX(Sal)
  7   OVER
  8   (
```

```
  9   ORDER BY Ename
 10   ), '99G999D99'
 11   ) "MovMax",
 12   TO_CHAR
 13   (
 14   MIN(Sal)
 15   OVER
 16   (
 17   ORDER BY Ename
 18   ), '99G999D99'
 19   ) "MovMin",
 20   TO_CHAR
 21   (
 22   MAX(Sal)
 23   OVER
 24   (
 25   ORDER BY Ename
 26   ) -
 27   MIN(Sal)
 28   OVER
 29   (
 30   ORDER BY Ename
 31   ), '99G999D99'
 32   ) "MovDiff",
 33   TO_CHAR
 34   (
 35   SUM(Sal)
 36   OVER
 37   (
 38   ORDER BY Ename, Empno
 39   ), '99G999D99'
 40   ) "RunSal",
 41   TO_CHAR
 42   (
 43   AVG(Sal)
 44   OVER
 45   (
 46   ORDER BY Ename, Empno
 47   ), '99G999D99'
 48   ) "MovAvg"
 49* FROM Emp
SQL> /

ENAME        SAL        MovMax     MovMin     MovDiff    RunSal     MovAvg
---------- ---------- ---------- ---------- ---------- ---------- -------
---
```

```
ADAMS          1,100.00   1,100.00   1,100.00          .00   1,100.00
1,100.00
ALLEN          1,600.00   1,600.00   1,100.00       500.00   2,700.00
1,350.00
BLAKE          2,850.00   2,850.00   1,100.00     1,750.00   5,550.00
1,850.00
CLARK          2,450.00   2,850.00   1,100.00     1,750.00   8,000.00
2,000.00
FORD           3,000.00   3,000.00   1,100.00     1,900.00  11,000.00
2,200.00
JAMES            950.00   3,000.00     950.00     2,050.00  11,950.00
1,991.67
JONES          2,975.00   3,000.00     950.00     2,050.00  14,925.00
2,132.14
KING           5,000.00   5,000.00     950.00     4,050.00  19,925.00
2,490.63
MARTIN         1,250.00   5,000.00     950.00     4,050.00  21,175.00
2,352.78
MILLER         1,300.00   5,000.00     950.00     4,050.00  22,475.00
2,247.50
SCOTT          3,000.00   5,000.00     950.00     4,050.00  25,475.00
2,315.91
SMITH            800.00   5,000.00     800.00     4,200.00  26,275.00
2,189.58
TURNER         1,500.00   5,000.00     800.00     4,200.00  27,775.00
2,136.54
WARD           1,250.00   5,000.00     800.00     4,200.00  29,025.00
2,073.21

14 rows selected.

SQL> ED
Wrote file afiedt.buf

    1  SELECT
    2  Ename,
    3  TO_CHAR(Sal, '99G999D99') Sal,
    4  TO_CHAR
    5  (
    6  MAX(Sal)
    7  OVER
    8  (
    9   ORDER BY Ename
   10  ), '99G999D99'
   11  ) "MovMax",
   12  TO_CHAR
   13  (
```

```
14  MIN(Sal)
15  OVER
16   (
17   ORDER BY Ename
18   ), '99G999D99'
19  ) "MovMin",
20  TO_CHAR
21  (
22  MAX(Sal)
23  OVER
24   (
25   ORDER BY Ename
26   ) -
27  MIN(Sal)
28  OVER
29   (
30   ORDER BY Ename
31   ), '99G999D99'
32  ) "MovDiff",
33  TO_CHAR
34  (
35  SUM(Sal)
36  OVER
37   (
38   ORDER BY Ename, Empno
39   ), '99G999D99'
40  ) "RunSal",
41  TO_CHAR
42  (
43  AVG(Sal)
44  OVER
45   (
46   ORDER BY Ename, Empno
47   ), '99G999D99'
48  ) "MovAvg",
49  TO_CHAR
50  (
51  SUM(Sal)
52  OVER
53   (
54   ORDER BY Ename, Empno
55   ) -
56  AVG(Sal)
57  OVER
58   (
59   ORDER BY Ename, Empno
60   ), '99G999D99'
```

```
 61  ) "SumAvgDiff"
 62* FROM Emp
SQL> /

ENAME      SAL        MovMax     MovMin     MovDiff    RunSal     MovAvg
SumAvgDiff
---------- ---------- ---------- ---------- ---------- ---------- ------
--- ----------
ADAMS       1,100.00   1,100.00   1,100.00        .00   1,100.00
1,100.00        .00
ALLEN       1,600.00   1,600.00   1,100.00     500.00   2,700.00
1,350.00   1,350.00
BLAKE       2,850.00   2,850.00   1,100.00   1,750.00   5,550.00
1,850.00   3,700.00
CLARK       2,450.00   2,850.00   1,100.00   1,750.00   8,000.00
2,000.00   6,000.00
FORD        3,000.00   3,000.00   1,100.00   1,900.00  11,000.00
2,200.00   8,800.00
JAMES         950.00   3,000.00     950.00   2,050.00  11,950.00
1,991.67   9,958.33
JONES       2,975.00   3,000.00     950.00   2,050.00  14,925.00
2,132.14  12,792.86
KING        5,000.00   5,000.00     950.00   4,050.00  19,925.00
2,490.63  17,434.38
MARTIN      1,250.00   5,000.00     950.00   4,050.00  21,175.00
2,352.78  18,822.22
MILLER      1,300.00   5,000.00     950.00   4,050.00  22,475.00
2,247.50  20,227.50
SCOTT       3,000.00   5,000.00     950.00   4,050.00  25,475.00
2,315.91  23,159.09
SMITH         800.00   5,000.00     800.00   4,200.00  26,275.00
2,189.58  24,085.42
TURNER      1,500.00   5,000.00     800.00   4,200.00  27,775.00
2,136.54  25,638.46
WARD        1,250.00   5,000.00     800.00   4,200.00  29,025.00
2,073.21  26,951.79

14 rows selected.

SQL> ED
Wrote file afiedt.buf

  1  SELECT
  2  Ename,
  3  TO_CHAR(Sal, '99G999D99') Sal,
  4  TO_CHAR
  5  (
```

```
 6   MAX(Sal)
 7   OVER
 8    (
 9    PARTITION BY Deptno
10    ORDER BY Ename
11    ), '99G999D99'
12   ) "MovMax",
13   TO_CHAR
14   (
15   MIN(Sal)
16   OVER
17    (
18    PARTITION BY Deptno
19    ORDER BY Ename
20    ), '99G999D99'
21   ) "MovMin",
22   TO_CHAR
23   (
24   MAX(Sal)
25   OVER
26    (
27    PARTITION BY Deptno
28    ORDER BY Ename
29    ) -
30   MIN(Sal)
31   OVER
32    (
33    PARTITION BY Deptno
34    ORDER BY Ename
35    ), '99G999D99'
36   ) "MovDiff",
37   TO_CHAR
38   (
39   SUM(Sal)
40   OVER
41    (
42    PARTITION BY Deptno
43    ORDER BY Ename, Empno
44    ), '99G999D99'
45   ) "RunSal",
46   TO_CHAR
47   (
48   AVG(Sal)
49   OVER
50    (
51    PARTITION BY Deptno
52    ORDER BY Ename, Empno
```

```
53    ), '99G999D99'
54    ) "MovAvg",
55    TO_CHAR
56    (
57    SUM(Sal)
58    OVER
59     (
60     PARTITION BY Deptno
61     ORDER BY Ename, Empno
62     ) -
63    AVG(Sal)
64    OVER
65     (
66     PARTITION BY Deptno
67     ORDER BY Ename, Empno
68     ), '99G999D99'
69    ) "SumAvgDiff"
70    FROM Emp
71* ORDER BY Deptno
SQL> /
```

ENAME	SAL	MovMax	MovMin	MovDiff	RunSal	MovAvg	SumAvgDiff
CLARK	2,450.00	2,450.00	2,450.00	.00	2,450.00	2,450.00	.00
KING	5,000.00	5,000.00	2,450.00	2,550.00	7,450.00	3,725.00	3,725.00
MILLER	1,300.00	5,000.00	1,300.00	3,700.00	8,750.00	2,916.67	5,833.33
ADAMS	1,100.00	1,100.00	1,100.00	.00	1,100.00	1,100.00	.00
FORD	3,000.00	3,000.00	1,100.00	1,900.00	4,100.00	2,050.00	2,050.00
JONES	2,975.00	3,000.00	1,100.00	1,900.00	7,075.00	2,358.33	4,716.67
SCOTT	3,000.00	3,000.00	1,100.00	1,900.00	10,075.00	2,518.75	7,556.25
SMITH	800.00	3,000.00	800.00	2,200.00	10,875.00	2,175.00	8,700.00
ALLEN	1,600.00	1,600.00	1,600.00	.00	1,600.00	1,600.00	.00
BLAKE	2,850.00	2,850.00	1,600.00	1,250.00	4,450.00	2,225.00	2,225.00
JAMES	950.00	2,850.00	950.00	1,900.00	5,400.00	1,800.00	3,600.00

```
MARTIN        1,250.00   2,850.00      950.00   1,900.00   6,650.00
1,662.50   4,987.50
TURNER        1,500.00   2,850.00      950.00   1,900.00   8,150.00
1,630.00   6,520.00
WARD          1,250.00   2,850.00      950.00   1,900.00   9,400.00
1,566.67   7,833.33

14 rows selected.

SQL> cl scr

SQL> SELECT
  2  DeptNo,
  3  Ename,
  4  Sal,
  5  SUM(SAL)
  6  OVER
  7  (
  8   PARTITION BY DeptNo
  9   ORDER BY EName
 10   ROWS 2 PRECEDING
 11   ) "Sliding Total"
 12  FROM Emp
 13  ORDER BY DeptNo, EName;

    DEPTNO ENAME             SAL Sliding Total
---------- ---------- ---------- -------------
        10 CLARK            2450          2450
        10 KING             5000          7450
        10 MILLER           1300          8750
        20 ADAMS            1100          1100
        20 FORD             3000          4100
        20 JONES            2975          7075
        20 SCOTT            3000          8975
        20 SMITH             800          6775
        30 ALLEN            1600          1600
        30 BLAKE            2850          4450
        30 JAMES             950          5400
        30 MARTIN           1250          5050
        30 TURNER           1500          3700
        30 WARD             1250          4000

14 rows selected.

SQL> ED
Wrote file afiedt.buf
```

```
    1  SELECT
    2  DeptNo,
    3  Ename,
    4  Sal,
    5  SUM(SAL)
    6  OVER
    7  (
    8  ORDER BY EName
    9  ) "Sliding Total"
   10* FROM Emp
SQL> /

    DEPTNO ENAME           SAL Sliding Total
---------- ---------- ---------- -------------
        20 ADAMS          1100          1100
        30 ALLEN          1600          2700
        30 BLAKE          2850          5550
        10 CLARK          2450          8000
        20 FORD           3000         11000
        30 JAMES           950         11950
        20 JONES          2975         14925
        10 KING           5000         19925
        30 MARTIN         1250         21175
        10 MILLER         1300         22475
        20 SCOTT          3000         25475
        20 SMITH           800         26275
        30 TURNER         1500         27775
        30 WARD           1250         29025

14 rows selected.

SQL> SELECT
    2  DeptNo,
    3  Ename,
    4  Sal,
    5  SUM(SAL)
    6  OVER
    7  (
    8  PARTITION BY DeptNo
    9  ORDER BY EName
   10  ROWS 2 PRECEDING
   11  ) "Sliding Total"
   12  FROM Emp
   13  ORDER BY DeptNo, EName;

    DEPTNO ENAME           SAL Sliding Total
---------- ---------- ---------- -------------
```

```
        10 CLARK                 2450                2450
        10 KING                  5000                7450
        10 MILLER                1300                8750
        20 ADAMS                 1100                1100
        20 FORD                  3000                4100
        20 JONES                 2975                7075
        20 SCOTT                 3000                8975
        20 SMITH                  800                6775
        30 ALLEN                 1600                1600
        30 BLAKE                 2850                4450
        30 JAMES                  950                5400
        30 MARTIN                1250                5050
        30 TURNER                1500                3700
        30 WARD                  1250                4000

14 rows selected.

SQL> SPOOL OFF
```
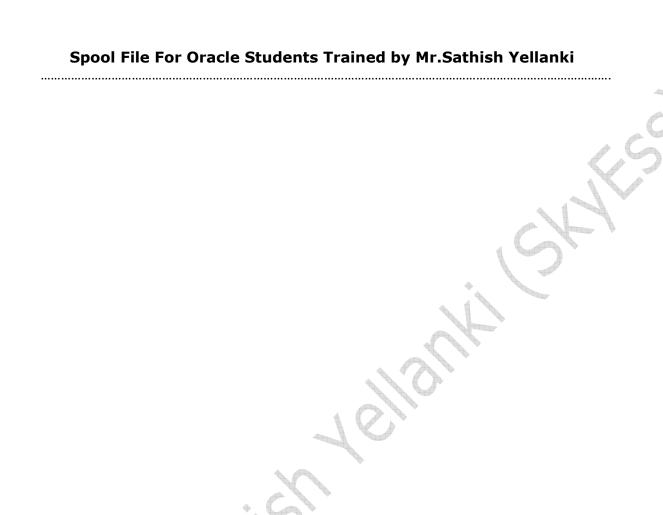

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Sathish Yellanki

Institute of Software Solutions

Announcing A New Batch
For
Oracle 11g R2
(SQL And PL/SQL)

Date   : 18th June 2015
Time   : 04.00 P.M.

Registrations
Started

Contact Details
Flat No : 201, 2nd Floor, Abhilash Tower
SR Nagar Main Road, Near SR Nagar Community Hall.
Land Mark : Just Bake Bakery, Hyderabad.
Phone : 91 40 2371 0047, 64640047, 9985798869

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Institute of Software Solutions

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For
Performance Tuning

Date   : 22nd June 2015
Time   : 12.30 P.M.

Registrations
Started

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SR Nagar Main Road, Near SR Nagar Community Hall.
Land Mark : Just Bake Bakery, Hyderabad.
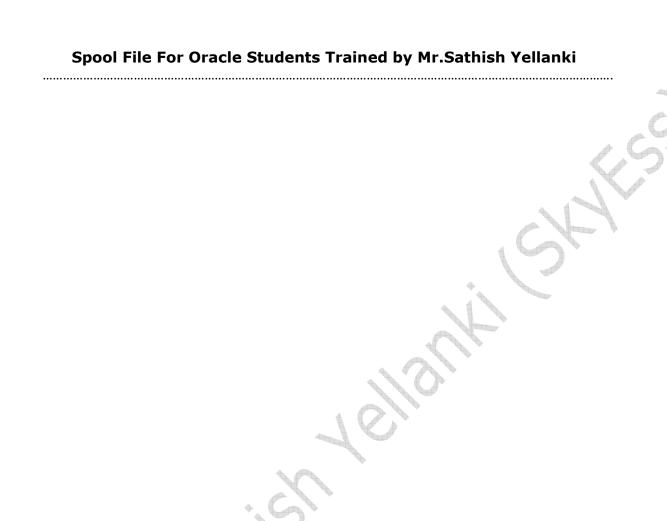Phone : 91 40 2371 0047, 64640047, 9985798869

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