

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

---

SQL> cl scr

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

ROWNUM	ENAME	SAL
1	KING	5000
2	BLAKE	2850
3	CLARK	2450
4	JONES	2975
5	MARTIN	1250
6	ALLEN	1600
7	TURNER	1500
8	JAMES	950
9	WARD	1250
10	FORD	3000
11	SMITH	800
12	SCOTT	3000
13	ADAMS	1100
14	MILLER	1300

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1 SELECT ROWNUM, Ename, Sal
2 FROM Emp
3* WHERE Job = 'CLERK'
SQL> /
```

ROWNUM	ENAME	SAL
1	JAMES	950
2	SMITH	800
3	ADAMS	1100
4	MILLER	1300

SQL> ED

Wrote file afiedt.buf

```
1 SELECT ROWNUM, Ename, Sal
2 FROM Emp
3* WHERE Deptno = 30
SQL> /
```

---

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```
-----
ROWNUM ENAME          SAL
-----
      1 BLAKE          2850
      2 MARTIN         1250
      3 ALLEN          1600
      4 TURNER         1500
      5 JAMES           950
      6 WARD           1250
```

6 rows selected.

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT ROWNUM, Ename, Sal
2  FROM Emp
3* WHERE ROWNUM = 1
SQL> /
```

```
-----
ROWNUM ENAME          SAL
-----
      1 KING           5000
```

SQL> ED

Wrote file afiedt.buf

```
1  SELECT ROWNUM, Ename, Sal
2  FROM Emp
3* WHERE ROWNUM = 4
SQL> /
```

no rows selected

SQL> ED

Wrote file afiedt.buf

```
1  SELECT ROWNUM, Ename, Sal
2  FROM Emp
3* WHERE ROWNUM < 4
SQL> /
```

```
-----
ROWNUM ENAME          SAL
-----
      1 KING           5000
      2 BLAKE          2850
```

---

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---

3 CLARK 2450

SQL> ED

Wrote file afiedt.buf

```
1 SELECT ROWNUM, Ename, Sal
2 FROM Emp
3* WHERE ROWNUM > 4
SQL> /
```

no rows selected

SQL> cl scr

SQL> COLUMN SelectGraph FORMAT A16

```
SQL> SELECT
2 Ename,
3 LPAD('*', ROWNUM, '*') SelectGraph
4 FROM Emp;
```

ENAME	SELECTGRAPH
KING	*
BLAKE	**
CLARK	***
JONES	****
MARTIN	*****
ALLEN	*****
TURNER	*****
JAMES	*****
WARD	*****
FORD	*****
SMITH	*****
SCOTT	*****
ADAMS	*****
MILLER	*****

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1 SELECT
2 ROWNUM Segno,
3 LPAD('*', ROWNUM, '*') SelectGraph
4 FROM Emp
5* WHERE ROWNUM <= &GiveRN
```

---

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---

```
SQL> /
Enter value for given: 5
```

```
      SEQNO SELECTGRAPH
-----
1 *
```

```
2 **
```

```
3 ***
```

```
4 ****
```

```
5 *****
```

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

```
1  SELECT
2  ROWNUM Seqno,
3  LPAD('*', ROWNUM, '*') SelectGraph
4  FROM Emp
5  WHERE ROWNUM <= &GiveRN
6* ORDER BY ROWNUM
SQL> /
Enter value for given: 5
```

```
      SEQNO SELECTGRAPH
-----
1 *
```

```
2 **
```

```
3 ***
```

```
4 ****
```

```
5 *****
```

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

```
1  SELECT
2  ROWNUM Seqno,
3  LPAD('*', ROWNUM, '*') SelectGraph
4  FROM Emp
5  WHERE ROWNUM <= &GiveRN
6* ORDER BY ROWNUM DESC
SQL> /
Enter value for given: 5
```

```
      SEQNO SELECTGRAPH
-----
5 *****
4 ****
```

---

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3 \*\*\*  
2 \*\*  
1 \*

```
SQL> COLUMN SelectGraph FORMAT A16
SQL> COLUMN SalGraph FORMAT A20
SQL> SELECT
  2  Ename,
  3  LPAD(' ', ROWNUM, ' ') SelectGraph,
  4  LPAD(' ', Sal/500, ' ') SalGraph
  5  FROM Emp;
```

ENAME	SELECTGRAPH	SALGRAPH
KING	*	*****
BLAKE	**	*****
CLARK	***	*****
JONES	****	*****
MARTIN	*****	**
ALLEN	*****	***
TURNER	*****	***
JAMES	*****	*
WARD	*****	**
FORD	*****	*****
SMITH	*****	*
SCOTT	*****	*****
ADAMS	*****	**
MILLER	*****	**

14 rows selected.

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

```
  1  SELECT
  2  Ename,
  3  Sal,
  4  LPAD(' ', Sal/500, ' ') SalGraph
  5  FROM Emp
  6* ORDER BY Sal
SQL> /
```

ENAME	SAL	SALGRAPH
SMITH	800	*
JAMES	950	*
ADAMS	1100	**

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```
WARD          1250 **
MARTIN        1250 **
MILLER        1300 **
TURNER        1500 ***
ALLEN         1600 ***
CLARK         2450 ****
BLAKE         2850 *****
JONES         2975 *****
FORD          3000 *****
SCOTT         3000 *****
KING          5000 *****
```

14 rows selected.

SQL> cl scr

```
SQL> SELECT ROWNUM, Ename, Sal
2  FROM Emp
3  WHERE ROWNUM < 6
4  ORDER BY Sal DESC;
```

ROWNUM	ENAME	SAL
1	KING	5000
4	JONES	2975
2	BLAKE	2850
3	CLARK	2450
5	MARTIN	1250

```
SQL> SELECT ROWNUM, Ename, Sal
2  FROM Emp
3  WHERE ROWNUM < 6;
```

ROWNUM	ENAME	SAL
1	KING	5000
2	BLAKE	2850
3	CLARK	2450
4	JONES	2975
5	MARTIN	1250

```
SQL> SELECT ROWNUM, Ename, Sal
2  FROM Emp
3  WHERE ROWNUM < 6
4  ORDER BY Sal DESC;
```

ROWNUM	ENAME	SAL
--------	-------	-----

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```
-----
      1 KING                5000
      4 JONES                2975
      2 BLAKE                2850
      3 CLARK                2450
      5 MARTIN               1250
```

```
SQL> SELECT *
      2 FROM
      3 (
      4 SELECT Ename, Sal, Deptno, Job
      5 FROM Emp
      6 ORDER BY Sal DESC
      7 )
      8 WHERE ROWNUM < 6;
```

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

```
SQL> cl scr
```

```
SQL> SELECT LEVEL, ROWNUM, Ename, Sal
      2 FROM Emp
      3 WHERE ROWNUM < 6
      4 START WITH Ename = 'KING'
      5 CONNECT BY PRIOR Empno = MGR
      6 ORDER BY Sal DESC;
```

LEVEL	ROWNUM	ENAME	SAL
1	1	KING	5000
3	3	SCOTT	3000
3	5	FORD	3000
2	2	JONES	2975
4	4	ADAMS	1100

```
SQL> SELECT E1.*, E1.Sal * 12 AnnSal
      2 FROM
      3 (
      4 SELECT Ename, Sal, Deptno, Job
      5 FROM Emp
      6 ORDER BY Sal DESC
```

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```
7 ) E1
8 WHERE ROWNUM < 6;
```

ENAME	SAL	DEPTNO	JOB	ANNSAL
KING	5000	10	PRESIDENT	60000
FORD	3000	20	ANALYST	36000
SCOTT	3000	20	ANALYST	36000
JONES	2975	20	MANAGER	35700
BLAKE	2850	30	MANAGER	34200

```
SQL> SELECT ROWNUM, E1.*
2 FROM
3 (
4 SELECT ROWNUM, Ename, Sal, Deptno, Job
5 FROM Emp
6 ORDER BY Sal DESC
7 ) E1
8 WHERE ROWNUM < 6;
```

ROWNUM	ROWNUM	ENAME	SAL	DEPTNO	JOB
1	1	KING	5000	10	PRESIDENT
2	10	FORD	3000	20	ANALYST
3	12	SCOTT	3000	20	ANALYST
4	4	JONES	2975	20	MANAGER
5	2	BLAKE	2850	30	MANAGER

```
SQL> SPOOL OFF
```

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