

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

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

ERROR at line 2:

ORA-01788: CONNECT BY clause required in this query block

SQL> ED

Wrote file afiedt.buf

```
1 SELECT LEVEL, Ename, Job, MGR
2 FROM Emp
3 START WITH Ename = 'KING'
4* CONNECT BY PRIOR Empno = MGR
SQL> /
```

	LEVEL	ENAME	JOB	MGR
	1	KING	PRESIDENT	
	2	JONES	MANAGER	7839
	3	SCOTT	ANALYST	7566
	4	ADAMS	CLERK	7788
	3	FORD	ANALYST	7566
	4	SMITH	CLERK	7902
	2	BLAKE	MANAGER	7839
	3	ALLEN	SALESMAN	7698
	3	WARD	SALESMAN	7698
	3	MARTIN	SALESMAN	7698
	3	TURNER	SALESMAN	7698
	3	JAMES	CLERK	7698
	2	CLARK	MANAGER	7839
	3	MILLER	CLERK	7782

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1 SELECT LEVEL, Ename, Job, MGR
2 FROM Emp
3 START WITH Ename = 'KING'
4 CONNECT BY PRIOR Empno = MGR
5* ORDER BY LEVEL
SQL> /
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
-----
      LEVEL ENAME      JOB      MGR
-----
      1 KING        PRESIDENT
      2 JONES        MANAGER      7839
      2 BLAKE        MANAGER      7839
      2 CLARK        MANAGER      7839
      3 FORD         ANALYST      7566
      3 WARD         SALESMAN     7698
      3 JAMES        CLERK        7698
      3 MILLER       CLERK        7782
      3 ALLEN        SALESMAN     7698
      3 SCOTT        ANALYST      7566
      3 MARTIN       SALESMAN     7698
      3 TURNER       SALESMAN     7698
      4 ADAMS        CLERK        7788
      4 SMITH        CLERK        7902
```

14 rows selected.

SQL> cl scr

SQL> COLUMN Org_Chart FORMAT A15

```
SQL> SELECT
      2 LPAD(LEVEL, ((2 * LEVEL) - 1)) Org_Chart,
      3 Ename,
      4 Empno,
      5 Mgr,
      6 Job
      7 FROM Emp
      8 START WITH Job = 'PRESIDENT'
      9 CONNECT BY PRIOR Empno = MGR;
```

```
ORG_CHART      ENAME      EMPNO      MGR JOB
-----
1 KING        7839      PRESIDENT
2 JONES        7566      7839 MANAGER
3 SCOTT        7788      7566 ANALYST
4 ADAMS        7876      7788 CLERK
3 FORD         7902      7566 ANALYST
4 SMITH        7369      7902 CLERK
2 BLAKE        7698      7839 MANAGER
3 ALLEN        7499      7698 SALESMAN
3 WARD         7521      7698 SALESMAN
3 MARTIN       7654      7698 SALESMAN
3 TURNER       7844      7698 SALESMAN
3 JAMES        7900      7698 CLERK
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
.....
2          CLARK          7782          7839 MANAGER
3          MILLER         7934          7782 CLERK
```

14 rows selected.

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'.'||Ename Org_Chart,
3  Empno,
4  Mgr,
5  Job
6  FROM Emp
7  START WITH Job = 'PRESIDENT'
8* CONNECT BY PRIOR Empno = MGR
SQL> /
```

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

14 rows selected.

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'.'||Ename Org_Chart,
3  Empno,
4  Mgr,
5  Job
6  FROM Emp
7  START WITH Job = 'PRESIDENT'
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp:9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
8 CONNECT BY PRIOR Empno = MGR
9* ORDER BY LEVEL
SQL> /
```

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

14 rows selected.

```
SQL> COLUMN Org_Chart FORMAT A15
SQL> SELECT
  2 LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
  3 Empno,
  4 MGR,
  5 Job
  6 FROM Emp
  7 START WITH Job = 'PRESIDENT'
  8 CONNECT BY PRIOR Empno = MGR;
```

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

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
CLARK          7782          7839 MANAGER
MILLER         7934          7782 CLERK
```

14 rows selected.

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

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job
6  FROM Emp
7  START WITH Job = 'PRESIDENT'
8  CONNECT BY PRIOR Empno = MGR
9* ORDER BY LEVEL
SQL> /
```

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

14 rows selected.

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

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job
6  FROM Emp
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
7 START WITH Job = 'PRESIDENT'
8 CONNECT BY PRIOR Empno = MGR
9* ORDER BY LEVEL DESC
SQL> /
```

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

14 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT
2 LPAD(' ', ((2 * LEVEL) - 1)) || Ename Org_Chart,
3 Empno,
4 MGR,
5 Job,
6 Sal
7 FROM Emp
8 START WITH Job = 'PRESIDENT'
9 CONNECT BY PRIOR Empno = MGR
10 AND LEVEL <= 2;
```

ORG_CHART	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
JONES	7566	7839	MANAGER	2975
BLAKE	7698	7839	MANAGER	2850
CLARK	7782	7839	MANAGER	2450

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

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  START WITH Job = 'PRESIDENT'
9  CONNECT BY PRIOR Empno = MGR
10* AND LEVEL <= 3
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
JONES	7566	7839	MANAGER	2975
SCOTT	7788	7566	ANALYST	3000
FORD	7902	7566	ANALYST	3000
BLAKE	7698	7839	MANAGER	2850
ALLEN	7499	7698	SALESMAN	1600
WARD	7521	7698	SALESMAN	1250
MARTIN	7654	7698	SALESMAN	1250
TURNER	7844	7698	SALESMAN	1500
JAMES	7900	7698	CLERK	950
CLARK	7782	7839	MANAGER	2450
MILLER	7934	7782	CLERK	1300

12 rows selected.

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

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE LEVEL <= 3
9  START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp:9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
.....
JONES          7566          7839 MANAGER          2975
  SCOTT        7788          7566 ANALYST          3000
    FORD        7902          7566 ANALYST          3000
BLAKE          7698          7839 MANAGER          2850
  ALLEN        7499          7698 SALESMAN          1600
    WARD        7521          7698 SALESMAN          1250
  MARTIN        7654          7698 SALESMAN          1250
  TURNER        7844          7698 SALESMAN          1500
    JAMES        7900          7698 CLERK           950
CLARK          7782          7839 MANAGER          2450
  MILLER        7934          7782 CLERK          1300
```

12 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE LEVEL = 2
9  START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
JONES	7566	7839	MANAGER	2975
BLAKE	7698	7839	MANAGER	2850
CLARK	7782	7839	MANAGER	2450

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE LEVEL = 3
9  START WITH Job = 'PRESIDENT'
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
SCOTT	7788	7566	ANALYST	3000
FORD	7902	7566	ANALYST	3000
ALLEN	7499	7698	SALESMAN	1600
WARD	7521	7698	SALESMAN	1250
MARTIN	7654	7698	SALESMAN	1250
TURNER	7844	7698	SALESMAN	1500
JAMES	7900	7698	CLERK	950
MILLER	7934	7782	CLERK	1300

8 rows selected.

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

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE LEVEL = 4
9  START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
ADAMS	7876	7788	CLERK	1100
SMITH	7369	7902	CLERK	800

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

```
1  SELECT
2  LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE LEVEL IN(1, 3)
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
9 START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
KING	7839		PRESIDENT	5000
SCOTT	7788	7566	ANALYST	3000
FORD	7902	7566	ANALYST	3000
ALLEN	7499	7698	SALESMAN	1600
WARD	7521	7698	SALESMAN	1250
MARTIN	7654	7698	SALESMAN	1250
TURNER	7844	7698	SALESMAN	1500
JAMES	7900	7698	CLERK	950
MILLER	7934	7782	CLERK	1300

9 rows selected.

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

```
1 SELECT
2 LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3 Empno,
4 MGR,
5 Job,
6 Sal
7 FROM Emp
8 WHERE LEVEL IN(2, 4)
9 START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
JONES	7566	7839	MANAGER	2975
ADAMS	7876	7788	CLERK	1100
SMITH	7369	7902	CLERK	800
BLAKE	7698	7839	MANAGER	2850
CLARK	7782	7839	MANAGER	2450

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

```
1 SELECT
2 LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3 Empno,
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
4 MGR,
5 Job,
6 Sal
7 FROM Emp
8 WHERE LEVEL IN(2, 3, 4)
9 START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

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

13 rows selected.

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

```
1 SELECT
2 LPAD(' ', ((2 * LEVEL) - 1))||Ename Org_Chart,
3 Empno,
4 MGR,
5 Job,
6 Sal
7 FROM Emp
8 WHERE LEVEL BETWEEN 2 AND 4
9 START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
JONES	7566	7839	MANAGER	2975
SCOTT	7788	7566	ANALYST	3000
ADAMS	7876	7788	CLERK	1100

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```

FORD          7902          7566 ANALYST          3000
SMITH         7369          7902 CLERK             800
BLAKE         7698          7839 MANAGER          2850
ALLEN         7499          7698 SALESMAN          1600
WARD          7521          7698 SALESMAN          1250
MARTIN        7654          7698 SALESMAN          1250
TURNER        7844          7698 SALESMAN          1500
JAMES         7900          7698 CLERK             950
CLARK         7782          7839 MANAGER          2450
MILLER        7934          7782 CLERK             1300

```

13 rows selected.

SQL> ED
Wrote file afiedt.buf

```

1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE LEVEL BETWEEN 2 AND 4
9  START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /

```

ORG_CHART	EMPNO	MGR	JOB	SAL
2. JONES	7566	7839	MANAGER	2975
3. SCOTT	7788	7566	ANALYST	3000
4. ADAMS	7876	7788	CLERK	1100
3. FORD	7902	7566	ANALYST	3000
4. SMITH	7369	7902	CLERK	800
2. BLAKE	7698	7839	MANAGER	2850
3. ALLEN	7499	7698	SALESMAN	1600
3. WARD	7521	7698	SALESMAN	1250
3. MARTIN	7654	7698	SALESMAN	1250
3. TURNER	7844	7698	SALESMAN	1500
3. JAMES	7900	7698	CLERK	950
2. CLARK	7782	7839	MANAGER	2450
3. MILLER	7934	7782	CLERK	1300

13 rows selected.

SQL> ED

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Wrote file afiedt.buf

```

1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  START WITH Job = 'PRESIDENT'
9  CONNECT BY PRIOR Empno = MGR AND
10* Job <> 'SALESMAN'
SQL> /

```

ORG_CHART	EMPNO	MGR	JOB	SAL
1. KING	7839		PRESIDENT	5000
2. JONES	7566	7839	MANAGER	2975
3. SCOTT	7788	7566	ANALYST	3000
4. ADAMS	7876	7788	CLERK	1100
3. FORD	7902	7566	ANALYST	3000
4. SMITH	7369	7902	CLERK	800
2. BLAKE	7698	7839	MANAGER	2850
3. JAMES	7900	7698	CLERK	950
2. CLARK	7782	7839	MANAGER	2450
3. MILLER	7934	7782	CLERK	1300

10 rows selected.

```

SQL> ED
Wrote file afiedt.buf

```

```

1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  START WITH Job = 'PRESIDENT'
9  CONNECT BY PRIOR Empno = MGR AND
10* Job <> 'CLERK'
SQL> /

```

ORG_CHART	EMPNO	MGR	JOB	SAL
1. KING	7839		PRESIDENT	5000

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
.....
2. JONES          7566          7839 MANAGER          2975
  3. SCOTT        7788          7566 ANALYST           3000
  3. FORD         7902          7566 ANALYST           3000
2. BLAKE          7698          7839 MANAGER          2850
  3. ALLEN        7499          7698 SALESMAN          1600
  3. WARD         7521          7698 SALESMAN          1250
  3. MARTIN       7654          7698 SALESMAN          1250
  3. TURNER       7844          7698 SALESMAN          1500
2. CLARK          7782          7839 MANAGER          2450
```

10 rows selected.

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  START WITH Job = 'PRESIDENT'
9  CONNECT BY PRIOR Empno = MGR AND
10* Job <> 'ANALYST'
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
1. KING	7839		PRESIDENT	5000
2. JONES	7566	7839	MANAGER	2975
2. BLAKE	7698	7839	MANAGER	2850
3. ALLEN	7499	7698	SALESMAN	1600
3. WARD	7521	7698	SALESMAN	1250
3. MARTIN	7654	7698	SALESMAN	1250
3. TURNER	7844	7698	SALESMAN	1500
3. JAMES	7900	7698	CLERK	950
2. CLARK	7782	7839	MANAGER	2450
3. MILLER	7934	7782	CLERK	1300

10 rows selected.

SQL> ED

Wrote file afiedt.buf

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp:9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  WHERE Job <> 'ANALYST'
9  START WITH Job = 'PRESIDENT'
10* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
1. KING	7839		PRESIDENT	5000
2. JONES	7566	7839	MANAGER	2975
4. ADAMS	7876	7788	CLERK	1100
4. SMITH	7369	7902	CLERK	800
2. BLAKE	7698	7839	MANAGER	2850
3. ALLEN	7499	7698	SALESMAN	1600
3. WARD	7521	7698	SALESMAN	1250
3. MARTIN	7654	7698	SALESMAN	1250
3. TURNER	7844	7698	SALESMAN	1500
3. JAMES	7900	7698	CLERK	950
2. CLARK	7782	7839	MANAGER	2450
3. MILLER	7934	7782	CLERK	1300

12 rows selected.

```
SQL> cl scr
```

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

```
1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  START WITH Job = 'ANALYST'
9* CONNECT BY PRIOR Empno = MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
-----------	-------	-----	-----	-----

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
.....
1. SCOTT          7788          7566 ANALYST          3000
2. ADAMS          7876          7788 CLERK            1100
1. FORD           7902          7566 ANALYST          3000
2. SMITH          7369          7902 CLERK            800
```

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

```
1  SELECT
2  LPAD(LEVEL, ((2 * LEVEL) - 1))||'. '||Ename Org_Chart,
3  Empno,
4  MGR,
5  Job,
6  Sal
7  FROM Emp
8  START WITH Job = 'ANALYST'
9* CONNECT BY Empno = PRIOR MGR
SQL> /
```

ORG_CHART	EMPNO	MGR	JOB	SAL
1. SCOTT	7788	7566	ANALYST	3000
2. JONES	7566	7839	MANAGER	2975
3. KING	7839		PRESIDENT	5000
1. FORD	7902	7566	ANALYST	3000
2. JONES	7566	7839	MANAGER	2975
3. KING	7839		PRESIDENT	5000

6 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT LEVEL, MAX(Sal)
2  FROM EMP
3  CONNECT BY PRIOR Sal > Sal
4  GROUP BY LEVEL
5  ORDER BY LEVEL;
```

LEVEL	MAX(SAL)
1	5000
2	3000
3	2975
4	2850
5	2450
6	1600
7	1500

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
8      1300
9      1250
10     1100
11      950
12      800
```

12 rows selected.

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

```
1  SELECT LEVEL, MIN(Sal)
2  FROM EMP
3  CONNECT BY PRIOR Sal < Sal
4  GROUP BY LEVEL
5* ORDER BY LEVEL
SQL> /
```

LEVEL	MIN(SAL)
1	800
2	950
3	1100
4	1250
5	1300
6	1500
7	1600
8	2450
9	2850
10	2975
11	3000
12	5000

12 rows selected.

```
SQL> SELECT LEVEL, MAX(Sal)
2  FROM EMP
3  WHERE LEVEL = &LEVELNO
4  CONNECT BY PRIOR Sal > Sal
5  GROUP BY LEVEL
6  ORDER BY LEVEL;
Enter value for levelno: 1
```

LEVEL	MAX(SAL)
1	5000

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> /
Enter value for levelno: 2

LEVEL	MAX(SAL)
2	3000

SQL> /
Enter value for levelno: 3

LEVEL	MAX(SAL)
3	2975

SQL> SELECT LEVEL, MIN(Sal)
2 FROM EMP
3 WHERE LEVEL = &LEVELNO
4 CONNECT BY PRIOR Sal < Sal
5 GROUP BY LEVEL
6 ORDER BY LEVEL;
Enter value for levelno: 1

LEVEL	MIN(SAL)
1	800

SQL> /
Enter value for levelno: 2

LEVEL	MIN(SAL)
2	950

SQL> cl scr

SQL> SELECT Ename, Sal, Deptno, Job
2 FROM Emp
3 WHERE Sal =
4 (
5 SELECT MAX(Sal)
6 FROM EMP
7 WHERE LEVEL = &LEVELNO
8 CONNECT BY PRIOR Sal > Sal
9 GROUP BY LEVEL
10);
Enter value for levelno: 1

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
-----
ENAME          SAL          DEPTNO  JOB
-----
KING            5000            10  PRESIDENT
```

```
SQL> /
Enter value for levelno: 2
```

```
-----
ENAME          SAL          DEPTNO  JOB
-----
FORD            3000            20  ANALYST
SCOTT           3000            20  ANALYST
```

```
SQL> /
Enter value for levelno: 3
```

```
-----
ENAME          SAL          DEPTNO  JOB
-----
JONES           2975            20  MANAGER
```

```
SQL> SELECT Ename, Sal, Deptno, Job
2  FROM Emp
3  WHERE Sal =
4  (
5  SELECT MIN(Sal)
6  FROM EMP
7  WHERE LEVEL = &LEVELNO
8  CONNECT BY PRIOR Sal < Sal
9  GROUP BY LEVEL
10 );
```

```
Enter value for levelno: 1
```

```
-----
ENAME          SAL          DEPTNO  JOB
-----
SMITH           800             20  CLERK
```

```
SQL> /
Enter value for levelno: 2
```

```
-----
ENAME          SAL          DEPTNO  JOB
-----
JAMES           950             30  CLERK
```

```
SQL> /
Enter value for levelno: 4
```

```
-----
ENAME          SAL          DEPTNO  JOB
-----
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
MARTIN          1250          30 SALESMAN
WARD            1250          30 SALESMAN
```

```
SQL> cl scr
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1  SELECT Ename, Sal, Deptno, Job
2  FROM Emp
3  WHERE Sal =
4  (
5  SELECT MAX(Sal)
6  FROM EMP
7  WHERE LEVEL &GiveLevel
8  CONNECT BY PRIOR Sal > Sal
9  GROUP BY LEVEL
10* )
```

```
SQL> /
```

```
Enter value for givelevel: = 1
```

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT

```
SQL> /
```

```
Enter value for givelevel: <= 5
```

```
SELECT MAX(Sal)
```

```
*
```

```
ERROR at line 5:
```

```
ORA-01427: single-row subquery returns more than one row
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1  SELECT Ename, Sal, Deptno, Job
2  FROM Emp
3  WHERE Sal IN
4  (
5  SELECT MAX(Sal)
6  FROM EMP
7  WHERE LEVEL &GiveLevel
8  CONNECT BY PRIOR Sal > Sal
9  GROUP BY LEVEL
10* )
```

```
SQL> /
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

Enter value for givelevel: <= 5

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT
SCOTT	3000	20	ANALYST
FORD	3000	20	ANALYST
BLAKE	2850	30	MANAGER
CLARK	2450	10	MANAGER
JONES	2975	20	MANAGER

6 rows selected.

SQL> /

Enter value for givelevel: IN(1, 4, 6)

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT
ALLEN	1600	30	SALESMAN
BLAKE	2850	30	MANAGER

SQL> /

Enter value for givelevel: BETWEEN 1 AND 5

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT
SCOTT	3000	20	ANALYST
FORD	3000	20	ANALYST
BLAKE	2850	30	MANAGER
CLARK	2450	10	MANAGER
JONES	2975	20	MANAGER

6 rows selected.

SQL> /

Enter value for givelevel: BETWEEN 6 AND 10

ENAME	SAL	DEPTNO	JOB
ALLEN	1600	30	SALESMAN
MILLER	1300	10	CLERK
TURNER	1500	30	SALESMAN
WARD	1250	30	SALESMAN
MARTIN	1250	30	SALESMAN
ADAMS	1100	20	CLERK

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

6 rows selected.

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Sal, Deptno, Job
2  FROM Emp
3  WHERE Sal IN
4  (
5  SELECT &GiveFunc(Sal)
6  FROM EMP
7  WHERE LEVEL &GiveLevel
8  CONNECT BY PRIOR Sal &GiveDirec Sal
9  GROUP BY LEVEL
10* )
SQL> /
```

Enter value for givefunc: MAX
Enter value for givelevel: = 1
Enter value for givedirec: >

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT

SQL> /

Enter value for givefunc: MIN
Enter value for givelevel: = 1
Enter value for givedirec: <

ENAME	SAL	DEPTNO	JOB
SMITH	800	20	CLERK

SQL> /

Enter value for givefunc: MAX
Enter value for givelevel: <= 5
Enter value for givedirec: >

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

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
CLARK          2450          10 MANAGER
JONES          2975          20 MANAGER
```

6 rows selected.

```
SQL> /
Enter value for givefunc: MIN
Enter value for givelevel: <= 5
Enter value for givedirec: <
```

ENAME	SAL	DEPTNO	JOB
SMITH	800	20	CLERK
JAMES	950	30	CLERK
WARD	1250	30	SALESMAN
MARTIN	1250	30	SALESMAN
MILLER	1300	10	CLERK
ADAMS	1100	20	CLERK

6 rows selected.

```
SQL> /
Enter value for givefunc: MAX
Enter value for givelevel: IN(1, 3, 5)
Enter value for givedirec: >
```

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT
CLARK	2450	10	MANAGER
JONES	2975	20	MANAGER

```
SQL> /
Enter value for givefunc: MIN
Enter value for givelevel: IN(1, 3, 5)
Enter value for givedirec: <
```

ENAME	SAL	DEPTNO	JOB
SMITH	800	20	CLERK
MILLER	1300	10	CLERK
ADAMS	1100	20	CLERK

```
SQL> cl scr
```

```
SQL> SELECT Ename, &&GiveDim, Deptno, Job
       2 FROM Emp
```

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
3 WHERE Sal =
4 (
5 SELECT MIN(&&GiveDim)
6 FROM EMP
7 WHERE LEVEL = &LEVELNO
8 CONNECT BY PRIOR &&GiveDim < &&GiveDim
9 GROUP BY LEVEL
10 );
```

Enter value for givedim: Sal

Enter value for levelno: = 1

WHERE LEVEL = = 1

*

ERROR at line 7:

ORA-00936: missing expression

SQL> /

Enter value for levelno:

CONNECT BY PRIOR Sal < Sal

*

ERROR at line 8:

ORA-00936: missing expression

SQL>

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Ename, &&GiveDim, Deptno, Job
2 FROM Emp
3 WHERE Sal IN
4 (
5 SELECT MIN(&&GiveDim)
6 FROM EMP
7 WHERE LEVEL &GiveLevel
8 CONNECT BY PRIOR &&GiveDim &GiveDirec &&GiveDim
9 GROUP BY LEVEL
10* )
```

SQL> /

Enter value for givelevel: = 1

Enter value for givedirec: >

ENAME	SAL	DEPTNO	JOB
SMITH	800	20	CLERK

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, &&GiveDim, Deptno, Job
2  FROM Emp
3  WHERE Sal IN
4  (
5  SELECT &GiveFunc(&&GiveDim)
6  FROM EMP
7  WHERE LEVEL &GiveLevel
8  CONNECT BY PRIOR &&GiveDim &GiveDirec &&GiveDim
9  GROUP BY LEVEL
10* )
```

SQL> /

Enter value for givefunc: MAX

Enter value for givelevel: = 1

Enter value for givedirec: >

ENAME	SAL	DEPTNO	JOB
KING	5000	10	PRESIDENT

SQL> /

Enter value for givefunc: MIN

Enter value for givelevel: = 1

Enter value for givedirec: <

ENAME	SAL	DEPTNO	JOB
SMITH	800	20	CLERK

SQL> DEFINE GiveDim = HireDate

SQL> /

Enter value for givefunc: MAX

Enter value for givelevel: = 1

Enter value for givedirec: >

WHERE Sal IN

*

ERROR at line 3:

ORA-00932: inconsistent datatypes: expected NUMBER got DATE

SQL> ED

Wrote file afiedt.buf

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

```
1  SELECT Ename, &&GiveDim, Deptno, Job
2  FROM Emp
3  WHERE &&GiveDim IN
4    (
5    SELECT &GiveFunc(&&GiveDim)
6    FROM EMP
7    WHERE LEVEL &GiveLevel
8    CONNECT BY PRIOR &&GiveDim &GiveDirec &&GiveDim
9    GROUP BY LEVEL
10* )
SQL> /
Enter value for givedimin:
Enter value for givefunc:
Enter value for givelevel:
Enter value for givedirec:
      CONNECT BY PRIOR HireDate  HireDate
      *
ERROR at line 8:
ORA-00936: missing expression
```

SQL> cl scr

SQL> ED
Wrote file afiedt.buf

```
1  SELECT Ename, &&GiveDim, Deptno, Job
2  FROM Emp
3  WHERE &&GiveDim IN
4    (
5    SELECT &GiveFunc(&&GiveDim)
6    FROM EMP
7    WHERE LEVEL &GiveLevel
8    CONNECT BY PRIOR &&GiveDim &GiveDirec &&GiveDim
9    GROUP BY LEVEL
10* )
SQL> /
Enter value for givefunc: MAX
Enter value for givelevel: = 1
Enter value for givedirec: >
```

ENAME	HIREDATE	DEPTNO	JOB
ADAMS	12-JAN-83	20	CLERK

SQL> /

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

Enter value for givefunc: MIN
Enter value for givelevel: = 1
Enter value for givedirec: <

ENAME	HIREDATE	DEPTNO	JOB
SMITH	17-DEC-80	20	CLERK

SQL> /
Enter value for givefunc: MAX
Enter value for givelevel: <= 5
Enter value for givedirec: >

ENAME	HIREDATE	DEPTNO	JOB
ADAMS	12-JAN-83	20	CLERK
SCOTT	09-DEC-82	20	ANALYST
FORD	03-DEC-81	20	ANALYST
JAMES	03-DEC-81	30	CLERK
KING	17-NOV-81	10	PRESIDENT
MILLER	23-JAN-82	10	CLERK

6 rows selected.

SQL> /
Enter value for givefunc: MIN
Enter value for givelevel: <= 5
Enter value for givedirec: <

ENAME	HIREDATE	DEPTNO	JOB
SMITH	17-DEC-80	20	CLERK
ALLEN	20-FEB-81	30	SALESMAN
JONES	02-APR-81	20	MANAGER
BLAKE	01-MAY-81	30	MANAGER
WARD	22-FEB-81	30	SALESMAN

SQL> cl scr

SQL> COLUMN "Path" FORMAT A30
SQL> SELECT
2 Ename Employee,
3 CONNECT_BY_ROOT Ename "Manager",
4 LEVEL - 1 "Pathlen",
5 SYS_CONNECT_BY_PATH(Ename, '/') "Path"
6 FROM Emp
7 WHERE LEVEL > 1 AND Deptno = &Deptno

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad - 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
8 CONNECT BY PRIOR Empno = MGR
9
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1 SELECT
2 Ename Employee
3 FROM Emp
4 WHERE LEVEL > 1 AND Deptno = &Deptno
5* CONNECT BY PRIOR Empno = MGR
SQL> /
Enter value for deptno: 20
```

```
EMPLOYEE
```

```
-----
SMITH
ADAMS
FORD
SMITH
SCOTT
ADAMS
JONES
FORD
SMITH
SCOTT
ADAMS
```

```
11 rows selected.
```

```
SQL> COLUMN "Path" FORMAT A30
SQL> SELECT
2 Ename Employee,
3 CONNECT_BY_ROOT Ename "Manager",
4 LEVEL - 1 "Pathlen",
5 SYS_CONNECT_BY_PATH(Ename, '/') "Path"
6 FROM Emp
7 WHERE LEVEL > 1 AND Deptno = &Deptno
8 CONNECT BY PRIOR Empno = MGR;
```

```
Enter value for deptno: 20
```

EMPLOYEE	Manager	Pathlen	Path
SMITH	FORD	1	/FORD/SMITH
ADAMS	SCOTT	1	/SCOTT/ADAMS
FORD	JONES	1	/JONES/FORD
SMITH	JONES	2	/JONES/FORD/SMITH
SCOTT	JONES	1	/JONES/SCOTT

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, WhatsApp: 9985798869

Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

ADAMS	JONES	2	/JONES/SCOTT/ADAMS
JONES	KING	1	/KING/JONES
FORD	KING	2	/KING/JONES/FORD
SMITH	KING	3	/KING/JONES/FORD/SMITH
SCOTT	KING	2	/KING/JONES/SCOTT
ADAMS	KING	3	/KING/JONES/SCOTT/ADAMS

11 rows selected.

SQL> SPOOL OFF

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.

Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038

Ph No. 040 23710047, Mobile: 9985798869, **WhatsApp:9985798869**

Contact For Courses And Training in

**Oracle Developer Suite 10g(D2K), Oracle11g(Weekend), Live Projects in SQL and PL/SQL,
Data Modeling, Linux/Unix, Big Data**

Follow Me: <https://www.facebook.com/satishkumar.yellanki>

<http://yellankisathish.com/>