SQL> select name

2 from client

3 order by name;

NAME

--------------------

Anjana

Ann

Annet

Nimmy

Sneha

Susan

6 rows selected.

-----------------------------------------

SQL> select deptno,max(salary)

2 from employee

3 group by deptno;

DEPTN MAX(SALARY)

----- -----------

D003 5000

D004 3000

D002 2500

D001 5000

--------------------------------------------

SQL> SELECT DEPTNO,MIN(SALARY)

2 FROM EMPLOYEE

3 WHERE DEPTNO!='D001'

4 GROUP BY DEPTNO;

DEPTN MIN(SALARY)

----- -----------

D003 5000

D004 1500

D002 2500

----------------------------------

SELECT column\_name(s) FROM table1

UNION

SELECT column\_name(s) FROM table2;

SELECT DEPTNO FROM EMPLOYEE

UNION

SELECT DEPTNO FROM DEPT;

DEPTNO

----------

D001

D002

D003

D004

-------------------------------------

SQL> SELECT DEPTNO FROM EMPLOYEE

2 MINUS

3 SELECT DEPTNO FROM DEPT;

no rows selected

----------------------------

SQL> SELECT EMPNAME

2 FROM EMPLOYEE

3 WHERE SALARY >

4 (SELECT SALARY

5 FROM EMPLOYEE

6 WHERE EMPNAME='Adarsh');

EMPNAME

--------------------

Abey

Jesto

Bony

Manu

---------------------------------

SQL> SELECT EMPNAME

2 FROM EMPLOYEE

3 WHERE SALARY <

4 (SELECT MIN(SALARY)

5 FROM EMPLOYEE

6 WHERE DEPTNO='D004');

no rows selected

----------------------------------

SQL> SELECT EMPNAME,SALARY

2 FROM EMPLOYEE

3 WHERE SALARY >

4 (SELECT MIN(SALARY)

5 FROM EMPLOYEE

6 WHERE JOB LIKE'A%');

EMPNAME SALARY

-------------------- ----------

Abey 3000

Bony 5000

Manu 5000

----------------------------------

SQL> SELECT \*

2 FROM EMPLOYEE,DEPT

3 WHERE EMPLOYEE.DEPTNO=DEPT.DEPTNO;

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0005 Bony Manager D001 11-APR-11 5000

1000 D001 DeptA A block

E0002 Jesto Analyst E0001 D002 24-APR-11 2500

650 D002 DeptB B block

E0006 Manu Supplier E0001 D003 19-JUN-13 5000

450 D003 DeptC C block

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0001 Abey Tester E0004 D004 15-DEC-12 3000

500 D004 DeptD D block

E0003 Adarsh SEN CLERK E0004 D004 10-JAN-13 1500

5000 D004 DeptD D block

-------------------------------------------------------------------

SQL> SELECT \*

2 FROM EMPLOYEE,DEPT

3 WHERE EMPLOYEE.DEPTNO!=DEPT.DEPTNO;

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0001 Abey Tester E0004 D004 15-DEC-12 3000

500 D001 DeptA A block

E0002 Jesto Analyst E0001 D002 24-APR-11 2500

650 D001 DeptA A block

E0003 Adarsh SEN CLERK E0004 D004 10-JAN-13 1500

5000 D001 DeptA A block

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0006 Manu Supplier E0001 D003 19-JUN-13 5000

450 D001 DeptA A block

E0001 Abey Tester E0004 D004 15-DEC-12 3000

500 D002 DeptB B block

E0003 Adarsh SEN CLERK E0004 D004 10-JAN-13 1500

5000 D002 DeptB B block

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0005 Bony Manager D001 11-APR-11 5000

1000 D002 DeptB B block

E0006 Manu Supplier E0001 D003 19-JUN-13 5000

450 D002 DeptB B block

E0001 Abey Tester E0004 D004 15-DEC-12 3000

500 D003 DeptC C block

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0002 Jesto Analyst E0001 D002 24-APR-11 2500

650 D003 DeptC C block

E0003 Adarsh SEN CLERK E0004 D004 10-JAN-13 1500

5000 D003 DeptC C block

E0005 Bony Manager D001 11-APR-11 5000

1000 D003 DeptC C block

EMPID EMPNAME JOB MANAG DEPTN HIREDATE SALARY

----- -------------------- ---------- ----- ----- --------- ----------

COMM DEPTNO DEPTNAME LOCATION

---------- ---------- -------------------- --------------------

E0002 Jesto Analyst E0001 D002 24-APR-11 2500

650 D004 DeptD D block

E0005 Bony Manager D001 11-APR-11 5000

1000 D004 DeptD D block

E0006 Manu Supplier E0001 D003 19-JUN-13 5000

450 D004 DeptD D block

15 rows selected.

------------------------------------------------------------------------

SELECT column\_name(s)

FROM table1

LEFT JOIN table2 ON table1.column\_name = table2.column\_name;

SELECT EMPNAME,JOB,MANAGER

FROM EMPLOYEE

LEFT JOIN DEPT ON EMPLOYEE.DEPTNO=DEPT.DEPTNO;

EMPNAME JOB MANAG

-------------------- ---------- -----

Abey Tester E0004

Jesto Analyst E0001

Adarsh SEN CLERK E0004

Bony Manager

Manu Supplier E0001

----------------------------------------------

SELECT EMPNAME,JOB,MANAGER

FROM EMPLOYEE

RIGHT JOIN DEPT ON EMPLOYEE.DEPTNO=DEPT.DEPTNO;

EMPNAME JOB MANAG

-------------------- ---------- -----

Abey Tester E0004

Jesto Analyst E0001

Adarsh SEN CLERK E0004

Bony Manager

Manu Supplier E0001

------------------------------------------------

SELECT column\_name(s)

FROM table1

FULL OUTER JOIN table2 ON table1.column\_name = table2.column\_name;

SELECT EMPNAME,JOB,MANAGER

FROM EMPLOYEE

FULL OUTER JOIN DEPT ON EMPLOYEE.DEPTNO=DEPT.DEPTNO;

EMPNAME JOB MANAG

-------------------- ---------- -----

Abey Tester E0004

Jesto Analyst E0001

Adarsh SEN CLERK E0004

Bony Manager

Manu Supplier E0001

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