```
An Example of a Right Outer Join 2: Outer Joins Left Right « Table Joins « Oracle PL/SQL Tutorial
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Tutorial
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                     7.4.6. An Example of a Right Outer Join 2
   Delete
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7.
   Table Joins
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                      SQL>
10. SQL Data Types
                      SQL> -- create demo table
11. Character String
                      SQL> create table Employee(
   Functions
                              EMPNO
                                             NUMBER (3)
                                             VARCHAR2(15 BYTE).
 12. Aggregate
                              ENAME
                              HIREDATE
   Functions
                                             DATE,
                                             NUMBER(6),
                              ORIG_SALARY
 13. Date Timestamp
                              CURR_SALARY
                                             NUMBER(6),
VARCHAR2(1 BYTE)
    Functions
                              REGION
14. Numerical Math
   Functions
 15. Conversion
                      Table created.
   Functions
 16. Analytical Functions
                      SOL>
 17. Miscellaneous
                      SQL> create table job (
   Functions
                             EMPNO
                                             NUMBER (3)
                                             VARCHAR2(20 BYTE)
18. Regular
                              jobtitle
   Expressions
                        5
 19. Statistical
                      Table created.
   Functions
 20. Linear Regression
                      SOL>
   Functions
                      SQL> insert into job (EMPNO, Jobtitle) values (1, 'Tester');
21. PL SQL Data
                      1 row created.
   Types
 22. PL SQL
                      SQL> insert into job (EMPNO, Jobtitle) values (2, 'Accountant');
   Statements
23. PL SQL Operators
                      1 row created.
24. PL SQL
                      SQL> insert into job (EMPNO, Jobtitle) values (3, 'Developer');
   Programming
25. Cursor
                      1 row created.
26. Collections
                      SQL> insert into job (EMPNO, Jobtitle) values (4,'COder');
27. Function Procedure
   Packages
                      1 row created.
 28. Trigger
29 SQL PLUS
                      SQL> insert into job (EMPNO, Jobtitle) values (5, 'Director');
   Session
   Environment
                      1 row created
 30. System Tables
                      SQL> insert into job (EMPNO, Jobtitle) values (6, 'Mediator');
   Data Dictionary
31. System Packages
                      1 row created.
32. Object Oriented
                      SQL> insert into job (EMPNO, Jobtitle) values (7, 'Proffessor');
33. XML
 34. Large Objects
                      1 row created.
35. Transaction
 36. User Privilege
                      SQL> insert into job (EMPNO, Jobtitle) values (8, 'Programmer');
                      1 row created.
                      SQL> insert into job (EMPNO, Jobtitle) values (9, 'Developer');
                      1 row created.
                      SOL>
                      SQL> -- prepare data
                      SQL> insert into Employee(EMPNO, EName,
                                                                     HIREDATE,
                                                                                                                              CURF
                                                                                                          ORIG_SALARY,
                                          values (1,
                                                            'Jason', to_date('19960725','YYYYMMDD'), 1234,
                        3
                      1 row created.
                      SQL> insert into Employee(EMPNO, EName,
                                                                     HIREDATE,
                                                                                                          ORIG SALARY.
                                                                                                                              CURE
                                                                     to_date('19970715','YYYYMMDD'),
                                          values (2,
                                                            'John',
                                                                                                                               3456
                      1 row created.
```

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HTREDATE.

ORTG SALARY.

CURE

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SOL> insert into Employee(EMPNO. EName.

```
SQL> insert into Employee(EMPNO, EName, HIREDATE,
                                                                               ORIG SALARY.
                                                                                                    CURP Related Searches:
                   values (4.
                                    'Tom',
                                             to_date('20060913','YYYYYMMDD'), 2413,
                                                                                                         Java Classes
1 row created.
                                                                                                         Application
SQL>
SQL> insert into Employee(EMPNO, EName, HIREDATE, values (9, 'Jack', to_date('20010829','YYYYMMDD'), 7896,
                                                                                                         Development
                                                                                                    CURF
                                                                               ORIG SALARY,
                                                                                                    1232
                                                                                                         Programming
                                                                                                         Using Java
1 row created.
SQL>
                                                                                                         Java Programming
SQL>
                                                                                                         Tutorial
SOL>
SQL> -- display data in the table
SQL> select * from Employee
                                                                                                         Java Programming
                                                                                                         Course
     EMPNO ENAME
                            HIREDATE ORIG_SALARY CURR_SALARY R
                            25-JUL-96
                                              1234
         1 Jason
                                                           3456 W
         2 John
                            15-JUL-97
                                              2341
                            25-JAN-86
                                              4321
                                                           5654 E
         4 Tom
                           13-SEP-06
29-AUG-01
                                               2413
                                                           6787 W
                                                           1232 E
         9 Jack
                                              7896
SQL> select * from job
     EMPNO JOBTITLE
         1 Tester
         2 Accountant
         3 Developer
         4 COder
         5 Director
6 Mediator
         7 Proffessor
         8 Programmer
         9 Developer
9 rows selected.
SQL>
SQL> SELECT e.ename, j.jobtitle FROM employee e, job j WHERE e.empno (+) = j.empno ;
ENAME
                JOBTITLE
Jason
                 Tester
John
                 Accountant
Joe
                 Developer
                 COder
Jack
                 Developer
                 Director
                 Programmer
                 Mediator
                 Proffessor
9 rows selected.
SQL>
SQL>
SQL> -- clean the table
SQL> drop table Employee
Table dropped.
SQL> drop table job
Table dropped.
```

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7.4.4.	An Example of a Left Outer Join 2	Development
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7.4.6.	An Example of a Right Outer Join 2	Java Programming
7.4.7.	Perform outer joins in combination with self joins, employee and job tables	Tutorial
7.4.8.	Example outer join with (+)	Java Programming Course
7.4.9.	Right outer join with using statement	
7.4.10.	Right outer join with group by	
7.4.11.	LEFT OUTER JOIN tableName ON joined columns	
7.4.12.	LEFT OUTER JOIN vs RIGHT OUTER JOIN	
7.4.13.	Left Outer Join	
7.4.14.	Right Outer Join	
7.4.15.	Right Outer Join(room vs class)	
7.4.16.	Right join with where in clause	
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