

Right Outer Join : Outer Joins Left Right « Table Joins « Oracle PL/SQL Tutorial

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## 7.4.14.Right Outer Join

```

SQL>
SQL>
SQL> CREATE TABLE Room (
2     RoomID    INT NOT NULL PRIMARY KEY,
3     Comments  VARCHAR(50),
4     Capacity  INT);

Table created.

SQL> INSERT INTO Room (RoomID,Comments,Capacity) VALUES (1,'Main hall',500);

1 row created.

SQL> INSERT INTO Room (RoomID,Comments,Capacity) VALUES (2,'Science Department',200);

1 row created.

SQL> INSERT INTO Room (RoomID,Comments,Capacity) VALUES (3,'Science Room 1',100);

1 row created.

SQL> INSERT INTO Room (RoomID,Comments,Capacity) VALUES (4,'Languages Block',300);

1 row created.

SQL>
SQL>
SQL>
SQL> CREATE TABLE Class (
2     ClassID    INT NOT NULL PRIMARY KEY,
3     CourseID   INT NOT NULL,
4     InstructorID INT NOT NULL,
5     RoomID     INT NOT NULL,
6     Time       VARCHAR(50));

Table created.

SQL> INSERT INTO Class (ClassID,CourseID,InstructorID,RoomID,Time) VALUES (1,1,1,6,'Mon 09:00-11:00');

1 row created.

SQL> INSERT INTO Class (ClassID,CourseID,InstructorID,RoomID,Time) VALUES (2,2,1,5,'Mon 11:00-12:00, T

1 row created.

SQL> INSERT INTO Class (ClassID,CourseID,InstructorID,RoomID,Time) VALUES (3,3,2,3,'Mon 14:00-16:00');

1 row created.

SQL> INSERT INTO Class (ClassID,CourseID,InstructorID,RoomID,Time) VALUES (4,4,3,2,'Tue 10:00-12:00, T

1 row created.

SQL>
SQL>
SQL>
SQL> SELECT Room.RoomID, Class.Time
2 FROM Room
3 RIGHT OUTER JOIN Class
4 ON Room.RoomID = Class.RoomID
5 ORDER BY Room.RoomID;

ROOMID TIME
-----
2 Tue 10:00-12:00, Thu 14:00-15:00
3 Mon 14:00-16:00
  Mon 09:00-11:00
  Mon 11:00-12:00, Thu 09:00-11:00

4 rows selected.

SQL>
SQL> drop table Room;

Table dropped.

SQL> drop table Class;

Table dropped.

```



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