

Using Inner Joins : Inner Joins « Table Joins « Oracle PL/SQL Tutorial

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7.3.2.Using Inner Joins

```
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> INSERT INTO Room (RoomID,Comments,Capacity) VALUES (5,'Languages Room 1',75);  
  
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> SELECT Room.RoomID, Class.Time  
2 FROM Room  
3   INNER 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  
5 Mon 11:00-12:00, Thu 09:00-11:00  
  
3 rows selected.  
  
SQL>  
SQL>  
SQL> drop table room;  
  
Table dropped.  
  
SQL> drop table class;  
  
Table dropped.  
  
SQL>  
SQL>
```



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7.3.Inner Joins

7.3.1. [Performing Inner Joins on Two Tables Using SQL/92](#)

7.3.2. [Using Inner Joins](#)

7.3.3. [Inner and Outer Joins](#)

7.3.4. [Inner and Outer Joins\(room and class\)](#)

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