**SQL**

**SQL (Structure Query Language)**

# **Joins**

## **Inner Join**

Inner joins use a comparison operator to match rows from two tables based on the values in common columns from each table. For example, retrieving all rows where the teacher id number is the same for both the teacher and department tables.

**Select** department\_name,

Teacher.name

Teacher.course

**From** department

**Inner** **join** teacher **on** teacher.teacher\_id **=** department.department\_id

## **Left Join**

The LEFT JOIN command returns all rows from the left table, and the matching records from the right table. The result is NULL from the right side when there is no match.

## **Right Join**

The RIGHT JOIN command returns all rows from the right table, and the matching records from the left table\ The result is NULL from the left side when there is no match.