

## SQL Fundamentals Two Tables Or More

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Create SQL commands to provide information for the following problems.

1. S-T: Use either join method. Use either join method. Use column aliases for every column displayed. List students and their evaluations when they were the evaluator. Show the student ID as "ID", full name (concatenated into one column) as "Evaluator", team name as "Team", evaluation ID as "Eval ID", semester as "Semester" and year as "Year". Sort by student ID and evaluation ID.
2. AW: Join tables in the FROM clause with the JOIN operator. List female marketing specialists. Show the business entity ID, the first and last name of the employee, the job title and gender. Sort by business entity ID. HINT: Be sure to put a table name in front of the business entity ID column in the SELECT clause. Also, remember the PERSON data is in a different schema than the EMPLOYEE data.
3. AW: Join tables in the WHERE clause. List female marketing specialists. Show the business entity ID, the first and last name of the employee, and the job title. Sort by business entity ID. HINT: Be sure to put a table name in front of the business entity ID column in the SELECT clause.
4. AW: Join tables in the FROM clause with the JOIN operator. List employees who work in the night shift. Show the shift, the employee's first and last name and job title. Sort by employee's last name then first name. Hint: Join tables in the sequence of their relationships, such as shift joins employee department history which then joins employee which then joins, etc.
5. AW: Join tables in the WHERE clause. List employees who work in the night shift. Show the shift, the employee's first and last name and job title. Sort by employee's last name then first name. Hint: Join tables in the sequence of their relationships, such as shift joins employee department history which then joins employee which then joins, etc.

### **What to do:**

1. In one file write all the SQL commands.
2. Before each command add the problem statement as a comment line.
3. The file must be simple text file with a TXT or SQL file extension. File need to be saved with your last name\_SQL\_STATEMENT\_USED, and your name should be included in a comment line format
4. Test your commands and make sure they are error-free before submitting the solution file.

Refer to the book and Chapter 3 powerpoint for examples.