

Lab Activity

Complete the following SQL exercises using the JustLee Books database. Launch SQL Developer, type in your statement, and execute it. Code and execute each exercise separately. Save both your statement and the results to a Word document. After all queries have been completed, submit the Word document to the appropriate location. Remember to refer back to the Learning Unit 2 Demonstration on how to use SQL Developer to code, execute and save SQL results.

Before these labs can be completed, the Employee and Department tables must be created in the JustLee Books database. The script file can be found in: **SQL Files folder: LU05 File**

Refer to the directions in Learning Unit 1 on using SQL Developer to load and execute script files.

1. Display the name of each employee, the name of the department to which the person is assigned, and the location of each department. Join the EMP and DEPT tables through the Traditional method using the WHERE clause to relate the tables.
2. Display the name of each employee, the name of the department to which the person is assigned, and the location of each department. Join the EMP and DEPT tables using the NATURAL JOIN keywords.
3. Display the name of each employee, the name of the department to which the person is assigned, and the location of each department. Join the EMP and DEPT tables using the JOIN...ON keywords.
4. Display the name of each employee, the name of the department to which the person is assigned, and the location of each department. Join the EMP and DEPT tables using the JOIN...USING keywords.
5. Display the name and job title of each employee and the name of the employee's manager. Use the WHERE clause to create the join.
6. Display the name and job title of each employee and the name of the employee's manager. Use the JOIN...ON keywords to create the join.
7. Display the name and job title of each employee and the name of the employee's manager. Use the JOIN...USING keywords to create the join.
8. Display the name and job title of each employee and the name of the employee's manager. Include any employee that does not have a manager in the results. Give two different methods to do this.
9. Display the name of any department that does not have any employees currently assigned to it. (Use Set Operators to do this problem.)
10. Display any department that does not have a salesman assigned to it. (Use Set Operators to do this problem.)