ITSE 2309 – Database Programming: Oracle
Lab 7 – Joining Data from Multiple Tables

To perform these assignments, refer to the tables in the JustLee Books database. Generate and test two SQL queries for each of the following tasks:

- the SQL statement needed to perform the stated task with the traditional approach,
- the SQL statement needed to perform the stated task with the JOIN keyword.

Apply table aliases in all queries.

1. Create a list that displays the title of each book and the name and phone number of the contact at the publisher's office for reordering each book.

2. Determine which orders haven't yet shipped and the name of the customer who placed the order. Sort the results by the date on which the order was placed.

3. Produce a list of all customers who live in the state of Florida and have ordered books about computers.

4. Determine which books customer Jake Lucas has purchased. Perform the search using the customer name, not the customer number. If he has purchased multiple copies of the same book, do not duplicate the results.

5. Determine the profit of each book sold to Jake Lucas, using the actual price the customer paid (not the book's regular retail price). Sort the results by order date. If more than one book was ordered, sort the results by profit amount in descending order. Perform the search using the customer name, not the customer number.

6. Which books were written by an author with the last name Adams? Perform the search using the author name.

7. What gift will a customer who orders the book Shortest Poems receive? Use the actual book retail value to determine the gift.

8. Identify the authors of the books Becca Nelson ordered. Perform the search using the customer name.

9. Display a list of all books in the BOOKS table. If a book has been ordered by a customer, also list the corresponding order number and the state in which the customer resides.

10. An EMPLOYEES table was added to the JustLee Books database to track employee information. Display a list of each employee's name, job title, and manager's name. Use

column aliases to clearly identify employee and manager name values. Include all employees in the list and sort by manager name.

Upload only the **SQL Statements** to Blackboard.