

# CSE 4508 – RDBMS Programming Lab

## Lab 3

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1. Create one tablespace myspace and one user. And assign the tablespace to the new user. Create a number of objects (4 tables: T1, T2, T3 and T4) and assign one table's data (T4) to a different tablespace myspace2.
2. Remember the following definitions:
  - a. A subquery in the WHERE clause of a SELECT statement is also called a nested subquery.
  - b. A subquery in the FROM clause of a SELECT statement is also called an inline view.

Now create a number of related tables at your own choice and show the functionality of a nested subquery and an inline view.

3. Using the following two tables, show the commands and outputs of Inner Join, Outer Join, Left Join and Right Join. The outputs might be different based on your query. Show the difference between Left and Right Outer joins. Also demonstrate the difference between Inner Join and Natural Join.

customer_id	last_name	first_name
4000	Jackson	Joe
5000	Smith	Jane
6000	Ferguson	Samantha
7000	Reynolds	Allen
8000	Anderson	Paige
9000	Johnson	Derek

order_id	customer_id	order_date
1	7000	2016/04/18
2	5000	2016/04/18
3	8000	2016/04/19
4	4000	2016/04/20
5	NULL	2016/05/01