

## CS550 Spring 2024 Project 1 Part 3

**DUE: 4/13/2024 by 11:59PM**

### Project Description (35 points)

The goal of this assignment is to load the example database definition and data, which has been provided with this assignment for Oracle and run queries on this database.

Include all your SQL queries in one script file. Please make sure that your script runs on sqlplus or SQL developer by connecting to Oracle server on-campus. Submit your script file and a log file showing the output of loading oracle.sql and the query results.

Write the following queries in SQL.

1. Find the customer\_IDs of the customers who purchased something and live in Fairfax.  
(zip\_code = '22030')
2. Find the transaction\_IDs of the transactions that contain a product with category Deli.
3. Find the customer\_IDs of the customers who purchased Pepsi **or** Coke products.  
(brand = 'Pepsi' or 'Coca-Cola').).
4. Find the customer\_IDs of the customers who purchased both Pepsi **AND** Coke products.
5. Find the customer\_IDs of the customers who haven't made any transactions yet.
6. Find the name of each customer who has made exactly one transaction.
7. Count the total quantity of the products that each customer whose age is 30 and older has made.
8. Find the customer\_IDs of the customers who purchased every dairy product.