

## Lab 5 – Week 5 (Set Operators)

Lab Due: 09-Feb-2024, 11:59pm

This week's lab continues using the SELECT command in addition to now incorporating multiple tables and various set operators to produce results.

### Submission

***Your submission will be a single text-based SQL file with appropriate header and commenting. Please ensure your file runs when the entire file is executed in SQL Developer.***

Create a new Worksheet in SQL Developer. Save the file as L05\_ID#\_LASTNAME.sql

Your submission needs to be commented and include the question, the solutions.

### Tasks

1. The HR department needs a list of Department IDs for departments that do not contain the job ID of ST\_CLERK> Use a set operator to create this report.
2. Display cities that no warehouse is located in them. (use set operators to answer this question)
3. Display the category ID, category name, and the number of products in category 1, 2, and 5. In your result, display first the number of products in category 5, then category 1 and then 2.
4. Display product ID for ordered products whose quantity in the inventory is greater than 5. (You are not allowed to use JOIN for this question.)
5. We need a single report to display all warehouses and the state that they are located in and all states regardless of whether they have warehouses in them or not.

## Example Submission

```
-- *****  
-- Name: Your Name  
-- ID: #####  
-- Date: The current date  
-- Purpose: Lab 4 DBS311  
-- *****
```

```
-- Question 1 - write a brief note about what the  
question is asking  
-- Q1 SOLUTION --
```

```
SELECT * FROM TABLE;
```

```
-- Question 2 -  
-- Q2 Solution -
```

```
SELECT * FROM TABLE;
```