Lab 7 – Week 8 (Set Operators)
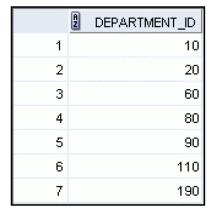
This week's lab continues using the SELECT command in addition to now incorporating multiple tables and various set operators to produce results.

Getting Started

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.
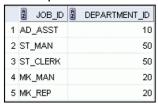
Tasks

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.

	DEPARTMENT_ID
1	10
2	20
3	60
4	80
5	90
6	110
7	190

2. Same department requests a list of countries that have no departments located in them. Display country ID and the country name. Use SET operators. The first result looks like:

	COUNTRY_ID	COUNTRY_NAME
1	DE	Germany

3. The Vice President needs very quickly a list of departments 10, 50, 20 in that order. job and department ID are to be displayed.

	JOB_ID	DEPARTMENT_ID
1	AD_ASST	10
2	ST_MAN	50
3	ST_CLERK	50
4	MK_MAN	20
5	MK_REP	20

4. Create a statement that lists the employeeIDs and JobIDs of those employees who currently have a job title that is the same as their job title when they were initially hired

by the company (that is, they changed jobs but have now gone back to doing their original job).

5. The HR department needs a SINGLE report with the following specifications:
   a. Last name and department ID of all employees regardless of whether they belong to a department or not.
   b. Department ID and department name of all departments regardless of whether they have employees in them or not.

   Write a compound query to accomplish this.