**Purpose:** The purpose of this assignment is to help you:

1. Become familiar with Cursors, Exceptions, Procedures , Functions and Triggers

**Instructions**: Be sure to read the following general instructions carefully:

This assignment should be completed individually by all the students. Submit your solution **through the dropbox.** Your submission should include PL/SQL code

Upload your ascii text file to the Dropbox with .txt extension.

Your files must be in sql script format so that they can be run in SQL Developer and have DBMS\_OUTPUT.PUT\_LINE for presenting results.

Update database with script file(s) from `Student Data` of Oracle 11g: PL/SQL Programming -- Chapter 3.

Assignment 3-9: Retrieving Pledge Totals Create a PL/SQL block that retrieves and displays information for a specific project based on Project ID. Display the following on a single row of output: project ID, project name, number of pledges made, total dollars pledged, and the average pledge amount.

Assignment 3-10: Adding a Project Create a PL/SQL block to handle adding a new project. Create and use a sequence named DD\_PROJID\_SEQ to handle generating and populating the project ID. The first number issued by this sequence should be 530, and no caching should be used. Use a record variable to handle the data to be added. Data for the new row should be the following: project name = HK Animal Shelter Extension, start = 1/1/2013, end = 5/31/2013, and fundraising goal = $65,000. Any columns not addressed in the data list are currently unknown.

Assignment 3-11: Retrieving and Displaying Pledge Data Create a PL/SQL block to retrieve and display data for all pledges made in a specified month. One row of output should be displayed for each pledge. Include the following in each row of output:

• Pledge ID, donor ID, and pledge amount • If the pledge is being paid in a lump sum, display “Lump Sum.” • If the pledge is being paid in monthly payments, display “Monthly - #” (with the # representing the number of months for payment). • The list should be sorted to display all lump sum pledges first.

Assignment 3-12: Retrieving a Specific Pledge Create a PL/SQL block to retrieve and display information for a specific pledge. Display the pledge ID, donor ID, pledge amount, total paid so far, and the difference between the pledged amount and total paid amount.

Assignment 3-13: Modifying Data Create a PL/SQL block to modify the fundraising goal amount for a specific project. In addition, display the following information for the project being modified: project name, start date, previous fundraising goal amount, and new fundraising goal amount.