**COMP 214**

**Assignment 2**

Answer Questions Assignment 3-9, 3-10, 3-11, 3-12 and 3-13 from Chapter 3  of Oracle 11g: PL/SQL Programming.

**Exercise 3-9:**

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.

**Exercise 3-10:**

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 catching should be used. Use a record variable to handle 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 and currently unknown.

**Exercise 3-11:**

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.

**Exercise 3-12:**

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 pledge amount and total paid amount.

**Exercise 3-13:**

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.