Lab Assignment No. 3

Write a PL/SQL block to print information about a given country

a) Declare a variable **v_countryid**. Assign **CA** to v_countryid
b) Declare a PL/SQL record based on the structure of the countries table. Use the **%ROWTYPE** attribute and declare the **v_country_record** variable of type **countries**.
c) In the executable section, get all the information from the countries table by using v_countryid.

The sample output after performing all the above steps is as follows:

Anonymous block completed
Country Id: CA   Country Name: Canada   Region: 2

Hint: Use %ROWTYPE, %TYPE, UPPER()

Modify the program to accept the countryid from the user and display the information about that countryid.

Lab Assignment No. 4

Use cursor to process a number of records from a table and populate another table with the results using a cursor FOR LOOP.

Create PL/SQL block to perform the following:

a. In the declarative section, declare and initialize a variable named **v_deptno** of type NUMBER. Assign a valid department ID value to it.
b. Declare a cursor name **c_emp_cursor**, which retrieves the **last_name, salary** and **manager_id** of employees working in the department specified in **v_deptno.**
c. In the executable section, use the cursor FOR LOOP to operate on the data retrieved. If the salary of the employee is less than 5000 and if the manager ID is either 101 or 124, display the message <<last_name>> Due for a raise. Otherwise, display the message <<last_name>> Not Due for a raise.

Test the PL/SQL block for the following cases.
Department_id 10, 20, 50, 80
Hint: Use CURSOR and FOR LOOP