**CS/SE 6360.002 - Quiz 5**

Due Date: March 21, 2016, 11:59PM

**1.** Use the COMPANY database schema.

Create a new table Employee\_Salaries (Ssn, Salary, Log\_Date) using SQL.

Ssn: CHAR(9)

Salary: VARCHAR(10)

Log\_Date: DATE

Write a trigger that will be executed when we insert a new tuple to Employee table or when we update the *Salary* attribute on Employee table. Trigger will check the employee salary (new salary).

If the salary value is above 60K, it will insert (Ssn, ‘HIGH’) into Employee\_Salaries table.

If it is between 40K-60K (including both), it will insert (Ssn, ‘MEDIUM).

If it is below 40K, it will insert (Ssn, ‘LOW’).

**2.** Use LIBRARY database schema.

Write a stored procedure that retrieves the list of books that becomes overdue at the end of the day today and that prints the book title and borrower name for each. (use PL/SQL)