## CSE 4508 – RDBMS Programming Lab <u>Lab 8</u>

Materials: Prof. Dr. Abu Raihan Mostafa Kamal

- **A**. You have an employee (ID, Name, Salary and Designation) table where salary is an attribute. Try to increase it by 50% for employees having salary < 5000 but with designation being either "officer" or "assistant-officer" and show how many rows got affected using an implicit cursor.
- **B.** Create a table **transactions** (User\_ID, Amount, T\_Date) which stores all bank transactions of all the users in our hypothetical bank. Fill up the table with a few transactions of your choice. Create another table **loan\_type** (Scheme, Installment\_Number, Charge, Min\_Trans). Loan\_type will have the loan schemes as shown below. For simplicity, you can store the Scheme as a number, such as 1, 2, or 3 instead of "S-A/S-B/S-C". Insert only **those 3 specific rows** into the table. Now, create a function that takes as input a User\_ID, calculates his/her total transactions, and checks against the loan\_type table (use a cursor here) to determine the correct present loan scheme for this person. Return and display the loan\_scheme number.

Scheme	No. of Installment	Service Charge	Eligibility
		for remaining	
		loan	
S-A	30	5%	Total Transaction in the last 12
			$months \ge 2000000$
S-B	20	10%	Total Transaction in the last 12
			$months \ge 1000000$
S-C	15	15%	Total Transaction in the last 12
			$months \ge 500000$