# Department Of Information Technology

## Indian Institute Of Engineering Science and Technology-Shibpur

### DBMS LAB-IT553

### YEAR 2019

# Assignment 4

**(Assignment for Cursor)**

1. Write a cursor program to delete first 2 rows in employee table getting highest salary.

2. Consider a employee table. Write a cursor program to raise the salary of the employees by 15% who are in 'Kolkata' and display how many rows are affected in the Employee table.

3. Accept two account numbers from the terminal. Write a PL/SQL procedure to do the following.
   a) Transfer Rs. 2000 from one account to another account.
      If there is no sufficient balance in the account to transfer , then show appropriate message .
   b) Write a cursor program to raise 5% of the present account balance to the first three customers who are older than 60.

4. Write a PL/SQL block of code that first inserts a record in an 'emp' table. Update the salary by Rs. 2000. Then check to see that the total salary of the employees does not exceed 20000. If so, undo the updates made to the salary.

5. Consider the emp table (eno, sal, dno, add).Find the salary of the employee for a given department no. If the department no. is not included in the emp table or a numbers of rows for a given dno then handle through exception handler.

6. Consider the table product (pno, pname, actual_price, sale_price). For a given pno, profit can be calculated by actual_price and sale_price. Find out the profit of a given pno. If the pno is not included in the table product or profit is zero (handle by user defined exception), then handle the error.