**Assignment No. 5 (Unnamed PL/SQL code block: Use of Control structure and Exception handling)**

**Problem Statement 1:** Consider table Stud(Roll\_No, Attendance, Status)

Write a PL/SQL block for following requirement and handle the exceptions. Roll no. of student will be entered by user. Attendance of roll no. entered by user will be checked in Stud table. If attendance is less than 75% then display the message “Term not granted” and set the status in stud table as “D”. Otherwise display message “Term granted” and set the status in stud table as “ND”

**Problem Statement 2: Write a PL/SQL block** for following requirement using user defined exception handling. The account\_master table records the current balance for an account, which is updated whenever, any deposits or withdrawals takes place. If the withdrawal attempted is more than the current balance held in the account. The user defined exception is raised, displaying an appropriate message. Write a PL/SQL block for above requirement using user defined exception handling.

**Problem Statement 3: Write an SQL code block** these raise a user defined exception where business rule is voilated. BR for client\_ master table specifies when the value of bal\_due field is less than 0 handle the exception.

**Problem Statement 4:** Consider tables

Borrow(Roll\_no, Name, DateofIssue, NameofBook, Status)

Fine(Roll\_no, Date, Amt)

Accept roll\_no & name of book from user. Check the number of days (from date of issue), if days are between 15 to 30 then fine amount will be Rs 5per day. If no. of days>30, per day fine will be Rs 50 per day & for days less than 30, Rs. 5 per day. After submitting the book, status will change from I to R. If condition of fine is true, then details will be stored into fine table. Also handles the exception by named exception handler or user define exception handler.