**NAME : MANGESH A. GHADWAJE**

**ROLL NO:24**

**BATCH : B2**

**COURSE: DBMS PRACTICAL**

**Assignment No:-7**

**Problem Statement:**

**Assignment Title : 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 student table. if attendance is less than 75%then display the message “term not granted” and set the status in student table as “d”. otherwise display message “term granted” and set the status in student table as “nd”.**

**SOLUTION :**

**CREATE TABLE BSTUDENT (**

**ROLLNO INT PRIMARY KEY,**

**NAME VARCHAR(20),**

**ATTENDANCE INT,**

**STATUS VARCHAR(10)**

**);**

**INSERT INTO BSTUDENT VALUES (101,'MANGESH', 98,'');**

**INSERT INTO BSTUDENT VALUES (102,'AKHIL', 85,'');**

**INSERT INTO BSTUDENT VALUES (103,'SACHIN', 75,'');**

**INSERT INTO BSTUDENT VALUES (104,'PRASHANT', 65,'');**

**INSERT INTO BSTUDENT VALUES (105, 'DARSHAN',45,'');**

**DECLARE**

**v\_ROLLNO INT;**

**v\_ATTENDANCE INT;**

**v\_STATUS VARCHAR(10);**

**BEGIN**

**v\_ROLLNO := :ROLLNO ;**

**SELECT ATTENDANCE,STATUS INTO v\_ATTENDANCE,v\_STATUS**

**FROM BSTUDENT**

**WHERE ROLLNO = v\_ROLLNO ;**

**IF v\_ATTENDANCE< 75 THEN**

**UPDATE BSTUDENT**

**SET STATUS = 'D'**

**WHERE ROLLNO = v\_ROLLNO ;**

**DBMS\_OUTPUT.PUT\_LINE('TERM NOT GRANTED');**

**ELSE**

**UPDATE BSTUDENT**

**SET STATUS = 'ND'**

**WHERE ROLLNO = v\_ROLLNO ;**

**DBMS\_OUTPUT.PUT\_LINE('TERM GRANTED');**

**END IF;**

**EXCEPTION**

**WHEN NO\_DATA\_FOUND THEN**

**DBMS\_OUTPUT.PUT\_LINE('ROLL NO NOT FOUND');**

**WHEN OTHERS THEN**

**DBMS\_OUTPUT.PUT\_LINE('AN ERROR OCCURED:'|| SQLERRM);**

**END;**