**ASSIGNMENT NO 5**

**Name:** Pawar Shivanjali Shivaji **Div:** B

**RollNo:**CO3B33 **Batch :** B3

Aim : PL/SQL stored procedure and store function.Write a stored procedures namely proc\_grade from the categorization of student. If marks scored by students in examination is<=1500 and marks>=990 then student will be placed in distinction category. If marks scored are between 989 and 900 category is first class. If marks scored are between 899 and 825 category is higher second class.Write PL/SQL block for using procedure created with above requirements. Studmarks(name,total\_marks) result(roll\_no,name,class)

QUERIES:

SQL\*Plus: Release 11.2.0.2.0 Production on Wed Oct 9 07:09:17 2024

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SQL> connect

Enter user-name: System

Enter password:

Connected.

SQL> create table studmarks(name varchar2(10),total\_marks number(5));

Table created.

SQL> create table result(roll\_no number(20),name varchar2(20),class varchar2(30));

Table created.

SQL> create or replace procedure proc\_grade(rnonumber,name varchar2,marks number)

2 is

3 class varchar2(20);

4 begin

5 if(marks<=1500 and marks>990)then

6 class:='Distinction';

7 elsif(marks<=989 and marks>=900)then

8 class:='First';

9 elsif(marks<=899 and marks>=825)then

10 class:='Higher second';

11 end if;

12 insert into studmarks values(name,marks);

13 insert into result values(rno,name,class);

14 end;

15 /

Procedure created.

SQL> exec proc\_grade(1,'Shruti','1000')

PL/SQL procedure successfully completed.

SQL> select\*from studmarks;

NAME TOTAL\_MARKS

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Shruti 1000

SQL> select\*from result;

ROLL\_NO NAME CLASS

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1 Shruti Distinction

SQL> exec proc\_grade(2,'Sakshi','840');

PL/SQL procedure successfully completed.

SQL> select\*from studmarks;

NAME TOTAL\_MARKS

---------- -----------

Shruti 1000

Sakshi 840

SQL> select\*from result;

ROLL\_NO NAME CLASS

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1 Shruti Distinction

2 Sakshi Higher second

SQL> exec proc\_grade(3,'Tanvi','960');

PL/SQL procedure successfully completed.

SQL> select\*from studmarks;

NAME TOTAL\_MARKS

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Shruti 1000

Sakshi 840

Tanvi 960

SQL> select\*from result;

ROLL\_NO NAME CLASS

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1 Shruti Distinction

2 Sakshi Higher second

3 Tanvi First

SQL>