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# ASSIGNMENT:-5

**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)

SQL\*Plus: Release 11.2.0.2.0 Production on Wed Oct 9 15:38:20 2024

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SQL> connect

Enter user-name: system

Enter password:

ERROR:

ORA-28002: the password will expire within 2 days

Connected.

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

Table created.

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

Table created.

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

1. is
2. class varchar2(20);
3. begin
4. if(marks<=1500 and marks>990)then
5. class:='Distinction';
6. elsif(marks<=989 and marks>=900)then
7. class:='First';
8. elsif(marks<=899 and marks>=852)then
9. class:='Higher second';
10. end if;
11. insert into s\_marks values(name,marks);
12. insert into s\_result values(rno,name,class);
13. end;
14. /

Procedure created.

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

PL/SQL procedure successfully completed.

SQL> select \* from s\_marks;

NAME TOTAL\_MARKS

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pooja 1000

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

PL/SQL procedure successfully completed.

SQL> select \* from s\_marks;

NAME TOTAL\_MARKS

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pooja 1000 sujata 840 SQL> exec proc\_grade(3,'vaishnavi','950');

PL/SQL procedure successfully completed.

SQL> select \* from s\_marks;

NAME TOTAL\_MARKS

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pooja 1000 sujata 840 vaishnavi 950

SQL> select \* from s\_result;

ROLL\_NO NAME CLASS

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1. pooja Distinction
2. sujata
3. vaishnavi First