**PRACTICAL NO.5**

* **Create Procedure :**

create or replace procedure proce\_grad(r in number,m in number,gr out varchar)

is

begin

if m<=1500 and m>=900 then

gr:='dst with dist';

elsif m<=989 and m>=900 then

gr:='ist class';

elsif m<=899 and m>=825 then

gr:='iind class';

else

gr:='fail';

end if;

end;

/

* **Call Procedure :**

declare

r number;

m number;

gr varchar(20);

nm varchar(100);

begin

r:=&r;

select rno,name,total\_marks into r,nm,m from result1 where rno=r;

proce\_grad(r,m,gr);

dbms\_output.put\_line(r||' '||m||' '||gr);

end;

/

SQL\*Plus: Release 21.0.0.0.0 - Production on Thu Sep 25 14:05:38 2025

Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Enter user-name: system

Enter password:

Last Successful login time: Fri Sep 19 2025 14:27:24 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

SQL> create table Student\_marks(sname varchar(100), class varchar(20));

Table created.

SQL> insert into Student\_marks values('Shraddha',20);

1 row created.

SQL> insert into Student\_marks values('siya',12);

1 row created.

SQL> insert into Student\_marks values('Sai',30);

1 row created.

SQL> select \* from Student\_marks;

SNAME

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

CLASS

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

Shraddha

20

siya

12

Sai

30

SQL> select \* from Student\_marks;

SNAME

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

CLASS

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

Shraddha

20

siya

12

Sai

30

SQL> create table result1(rno int,Name varchar(60), total\_marks int);

Table created.

SQL> insert into result1 values(101,'ram',500);

1 row created.

SQL> insert into result1 values(102,'radhika',400);

1 row created.

SQL> insert into result1 values(103,'Sairam',600);

1 row created.

SQL> insert into result1 values(104,'Sita',700);

1 row created.

SQL> insert into result1 values(105,'Nayan',900);

1 row created.

SQL> select \* from result1;

RNO NAME

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

TOTAL\_MARKS

-----------

101 ram

500

102 radhika

400

103 Sairam

600

RNO NAME

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

TOTAL\_MARKS

-----------

104 Sita

700

105 Nayan

900

SQL> set serveroutput on

SQL> @"C:\Users\System05\Desktop\New folder\CProcedure.sql"

Procedure created.

SQL> @"C:\Users\System05\Desktop\New folder\CallProcedure.sql"

Enter value for r: 101

old 7: r:=&r;

new 7: r:=101;

101 500 fail

PL/SQL procedure successfully completed.

SQL> @"C:\Users\System05\Desktop\New folder\CallProcedure.sql"

Enter value for r: 105

old 7: r:=&r;

new 7: r:=105;

105 900 dst with dist

PL/SQL procedure successfully completed.

SQL> @"C:\Users\System05\Desktop\New folder\CallProcedure.sql"

Enter value for r: 104

old 7: r:=&r;

new 7: r:=104;

104 700 fail

PL/SQL procedure successfully completed.

SQL> @"C:\Users\System05\Desktop\New folder\CallProcedure.sql"

Enter value for r: 103

old 7: r:=&r;

new 7: r:=103;

103 600 fail

PL/SQL procedure successfully completed.