**Practical no :5**

**Creating 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;

/

**Calling procedure :**

declare

r number;

m number;

gr varchar(20);

nm varchar(100);

begin

r:=&r;

select rollno,name,total\_mark into r,nm,m from result1 where rollno=r;

proce\_grad(r,m,gr);

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

end;

/

SQL\*Plus: Release 21.0.0.0.0 - Production on Fri Sep 5 13:15:56 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: Thu Sep 04 2025 23:09:24 +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(stdname varchar(100), class varchar(20));

Table created.

SQL> insert into Student\_marks values('priya',11);

1 row created.

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

1 row created.

SQL> select \* from Student\_marks;

STDNAME

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

CLASS

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priya

11

siya

12

SQL> create table result1(rollno int,Name varchar(60), total\_mark int);

Table created.

SQL> insert into result1 values(102,'ridhima',1200);

1 row created.

SQL> insert into result1 values(103,'vaishali',980);

1 row created.

SQL> insert into result1 values(104,'rohit',750);

1 row created.

SQL> insert into result1 values(105,'sumit',000);

1 row created.

SQL> insert into result1 values(106,'kiran',899);

1 row created.

SQL> select \* from result1;

ROLLNO NAME

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

TOTAL\_MARK

----------

102 ridhima

1200

103 vaishali

980

ROLLNO NAME

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

TOTAL\_MARK

----------

102 ridhima

1200

103 vaishali

980

104 rohit

750

ROLLNO NAME

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

TOTAL\_MARK

----------

105 sumit

0

106 kiran

899

8 rows selected.

SQL> set serveroutput on

SQL> @C:\Users\HP\OneDrive\Desktop\TE-A1\procedure.sql

Procedure created.

SQL> @C:\Users\HP\OneDrive\Desktop\TE-A1\callprocedure.sql

Enter value for r: 102

old 7: r:=&r;

new 7: r:=102;

1021200 dst with dist

SQL> @C:\Users\HP\OneDrive\Desktop\TE-A1\callprocedure.sql

Enter value for r: 104

old 7: r:=&r;

new 7: r:=104;

104750fail

PL/SQL procedure successfully completed.

SQL> @C:\Users\HP\OneDrive\Desktop\TE-A1\callprocedure.sql

Enter value for r: 105

old 7: r:=&r;

new 7: r:=105;

1050fail

PL/SQL procedure successfully completed.

SQL> @C:\Users\HP\OneDrive\Desktop\TE-A1\callprocedure.sql

Enter value for r: 106

old 7: r:=&r;

new 7: r:=106;

106899iind class

PL/SQL procedure successfully completed.