# Practical No: 5

### PL/SQL Code:

create or replace procedure proc\_grad( r in number, m in number,grade out varchar)

is

begin

if m<=1500 and m>=900 then

grade:=':pass with dist';

elsif m<=899 and m>=825 then

grade:=':pass with first class';

elsif m<=824 and m>=750 then

grade:=':pass with second class';

else

grade:=':fail';

end if;

end;

/

declare

r number;

m number;

grade varchar(100);

nm varchar(50);

begin

r:=&r;

select RollNo,Name,TotalMark into r,nm,m from result where RollNo=r;

proc\_grad(r,m,grade);

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

end;

/

SQL\*Plus: Release 21.0.0.0.0 - Production on Sun Sep 21 15:24:29 2025

Version 21.3.0.0.0

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Enter user-name: system

Enter password:

Last Successful login time: Sun Sep 21 2025 15:24:35 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.0.0.0.0

SQL> create table s\_mark(st\_name varchar(20),class varchar(10));

Table created.

SQL> insert into s\_mark values('sarthak',12);

1 row created.

SQL> insert into s\_mark values('heramb',11);

1 row created.

SQL> insert into s\_mark values('ritesh',12);

1 row created.

SQL> insert into s\_mark values('jaydeep',11);

1 row created.

SQL> select \* from s\_marks;

select \* from s\_marks

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> select \* from s\_mark;

ST\_NAME CLASS

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sarthak 12

heramb 11

ritesh 12

jaydeep 11

SQL> create table result(RollNO int,Name varchar(60),TotalMark int);

Table created.

SQL> desc result;

Name Null? Type

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

ROLLNO NUMBER(38)

NAME VARCHAR2(60)

TOTALMARK NUMBER(38)

SQL> insert into result values(101,'sarthak',1250);

1 row created.

SQL> insert into result values(102,'heramb',500);

1 row created.

SQL> insert into result values(103,'ritesh',850);

1 row created.

SQL> insert into result values(104,'jaydeep',700);

1 row created.

SQL> select \* from result;

ROLLNO NAME

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

TOTALMARK

----------

101 sarthak

1250

102 heramb

500

103 ritesh

850

ROLLNO NAME

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

TOTALMARK

----------

104 jaydeep

700

SQL> set serveroutput on

SQL> @C:\Users\sarth\Downloads\dbms\_pr5.sql

Procedure created.

Enter value for r: set serveroutput on

old 7: r:=&r;

new 7: r:=set serveroutput on;

r:=set serveroutput on;

\*

ERROR at line 7:

ORA-06550: line 7, column 8:

PLS-00103: Encountered the symbol "SERVEROUTPUT" when expecting one of the

following:

. ( \* @ % & = - + ; < / > at in is mod remainder not rem

<an exponent (\*\*)> <> or != or ~= >= <= <> and or like like2

like4 likec between || multiset member submultiset

SQL> @C:\Users\sarth\Downloads\dbms\_pr5.sql

Procedure created.

Enter value for r: 101

old 7: r:=&r;

new 7: r:=101;

1011250:pass with dist

PL/SQL procedure successfully completed.

SQL> @C:\Users\sarth\Downloads\dbms\_pr5.sql

Procedure created.

Enter value for r: 103

old 7: r:=&r;

new 7: r:=103;

103850:pass with first class

PL/SQL procedure successfully completed.

SQL> @C:\Users\sarth\Downloads\dbms\_pr5.sql

Procedure created.

Enter value for r: 102

old 7: r:=&r;

new 7: r:=102;

102500:fail

PL/SQL procedure successfully completed.

SQL>