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 16:05:34 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 21.3.0.0.0

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

Table created.

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

1 row created.

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

1 row created.

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

1 row created.

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

1 row created.

SQL> select \* from s\_mark;

ST\_NAME CLASS

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Om 12

Manoj 11

Karan 12

Abhishek 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,Om ,1500);

1 row created.

SQL> insert into result values(102,Manoj ,860);

1 row created.

SQL> insert into result values(1033,Karan ,500);

1 row created.

SQL> insert into result values(104,Abhishek ,799);

1 row created.

SQL> insert into result values(105,'Gaurav',1055);

1 row created.

SQL> select \* from result;

ROLLNO NAME

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

TOTALMARK

----------

101 Om

1500

102 Manoj

860

1033 Karan

500

ROLLNO NAME

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

TOTALMARK

----------

104 Abhishek

799

105 Gaurav

1055

SQL> set serveroutput on

SQL> @C:\sql\pr5.sql

Procedure created.

Enter value for r: 102

old 7: r:=&r;

new 7: r:=102;

102860pass with first class

PL/SQL procedure successfully completed.

SQL> @C:\sql\pr5.sql

Procedure created.

Enter value for r: 105

old 7: r:=&r;

new 7: r:=105;

1051055:pass with dist

PL/SQL procedure successfully completed.

SQL> @C:\sql\pr5.sql

Procedure created.

Enter value for r: 104

old 7: r:=&r;

new 7: r:=104;

104799:pass with second class

PL/SQL procedure successfully completed.

SQL> @C:\sql\pr5.sql

Procedure created.

Enter value for r: 1033

old 7: r:=&r;

new 7: r:=1033;

1033500:fail