Program:-1

create or replace procedure proc\_grade(

r in number,

gt in number,

grade out varchar2

)

is

begin

if gt >= 500 then

grade := '1st class with dist.';

elsif gt >= 350 then

grade := '1st class';

elsif gt >= 250 then

grade := '2nd class';

else

grade := 'fail';

end if;

end proc\_grade;

/

Program:-2

declare

v\_r number;

total number;

nm varchar2(50);

gr varchar2(20);

begin

v\_r := &r;

select roll\_no, name, total\_mark into v\_r, nm, total from student\_mark where roll\_no = v\_r;

proc\_grade(v\_r, total, gr);

DBMS\_OUTPUT.PUT\_LINE(v\_r || ' ' || nm || ' ' || gr);

insert into student\_result(roll\_no, name, grade) values (v\_r, nm, gr);

DBMS\_OUTPUT.PUT\_LINE('one record inserted');

end;

/

Output:-

SQL\*Plus: Release 21.0.0.0.0 - Production on Thu Sep 4 09:55:08 2025

Version 21.3.0.0.0

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

Enter user-name: Shrushti

Enter password:

Last Successful login time: Thu Sep 04 2025 09:52:29 +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\_mark(roll\_no int, name varchar(50), total\_mark int);

Table created.

SQL> insert into student\_mark values (128, 'shrushti', 590);

1 row created.

SQL> insert into student\_mark values (142, 'nikita', 390);

1 row created.

SQL> insert into student\_mark values (134, 'bhagyashri', 290);

1 row created.

SQL> create table student\_result(roll\_no int, name varchar2(50), grade varchar(20));

Table created.

SQL> @C:\Users\System05\Documents\sqlplus\Program1.sql

Procedure created.

SQL> set serveroutput on

SQL> @C:\Users\System05\Documents\sqlplus\Program2.sql

Enter value for r: 28

old 7: r:=&r;

new 7: r:=28;

28 shrushti 1st class with dist.

one record inserted

PL/SQL procedure successfully completed.

SQL> @C:\Users\System05\Documents\sqlplus\Program2.sql

Enter value for r: 42

old 7: r:=&r;

new 7: r:=42;

42 nikita 2nd class

one record inserted

PL/SQL procedure successfully completed.

SQL> @C:\Users\System05\Documents\sqlplus\Program2.sql

Enter value for r: 26

old 7: r:=&r;

new 7: r:=26;

26 bhagyashri 1st class

one record inserted

PL/SQL procedure successfully completed.

SQL> select \* from student\_result1;

ROLLNO NAME GRADE

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28 shrushti 1st class with dist.

42 nikita 2nd class

26 bhagyashri 1st class

SQL>