

SQL\*Plus: Release 18.0.0.0.0 - Production on Mon Sep 23 09:33:01 2024  
Version 18.4.0.0.0

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Enter user-name: system

Enter password:

Last Successful login time: Mon Sep 23 2024 09:12:14 +05:30

Connected to:

Oracle Database 18c Express Edition Release 18.0.0.0.0 - Production

Version 18.4.0.0.0

1. Create table stud\_marks and result.

```
SQL> Create table Stud_Marks (Roll number Primary Key, Name Varchar2(10),  
Total_marks number);
```

Table created.

```
SQL> Create table Result (Roll number references Stud_Marks(Roll), Name  
Varchar2(10), Class Varchar2(20));
```

Table created.

```
SQL> insert into Stud_Marks Values ( 1, 'Ajay', 1100 );
```

1 row created.

```
SQL> insert into Stud_Marks Values ( 2, 'Ramesh', 950);
```

1 row created.

```
SQL> insert into Stud_Marks Values ( 3, 'Umesh', 850);
```

1 row created.

```
SQL> insert into Stud_Marks Values ( 4, 'Suresh', 400);
```

1 row created.

```
SQL> select * from stud_marks;
```

ROLL	NAME	TOTAL_MARKS
1	Ajay	1100
2	Ramesh	950
3	Umesh	850
4	Suresh	400

```
SQL> select * from result;
```

no rows selected

```
SQL> edit proc1.sql
```

```
create or replace procedure proc_grade(rno in stud_marks.roll%type, name1 in  
stud_marks.name%type) is  
    totmarks stud_marks.total_marks%type;  
    grade varchar2(15);  
begin  
    select total_marks into totmarks from stud_marks where roll=rno and  
name=name1;  
    if(totmarks between 825 and 899) then
```

```

        grade:='secondclass';
        insert into result values(rno,name1,grade);
    elsif(totmarks between 900 and 989) then
        grade:='Firstclass';
        insert into result values(rno,name1,grade);
    elsif(totmarks between 990 and 1500)then
        grade:='Distinction';
        insert into result values(rno,name1,grade);
    else
        dbms_output.put_line('Fail');
    end if;
end proc_grade;
/

```

SQL> @proc1

Procedure created.

SQL> edit p1.sql

```

declare
    result varchar2(15);
    totmarks number;
begin
    proc_grade(1, 'Ajay');
end;
/

```

SQL> @p1

PL/SQL procedure successfully completed.

SQL> select \* from result;

ROLL	NAME	CLASS
1	Ajay	Distinction

