/\*

create table stud\_marks(rollno int , name varchar(50) , total\_marks int);

\*/

/\*

create table result(rollno int , name varchar(50) , class varchar(15));

\*/

/\*

begin

insert into stud\_marks values (1 , 'Himanshu bro', 990);

insert into stud\_marks values (2 , 'Pranvi' , 1500);

insert into stud\_marks values (3 , 'Navjeet bro' , 995);

insert into stud\_marks values (4 , 'Ajay bro' , 985);

insert into stud\_marks values (5 , 'Pawania' , 850);

end;

\*/

/\*

create or replace type resultObject as object(

rollno int,

name varchar(50),

class varchar(15)

);

\*/

/\*

create or replace function comp\_grade(roll int) return resultObject is

temp resultObject;

name varchar(50);

class varchar(15);

marks int;

begin

select name , total\_marks into name , marks from stud\_marks where rollno = roll;

if marks >= 990 and marks <= 1500 then

class := 'Distinction';

elsif marks >= 900 then

class := 'First';

elsif marks >= 825 then

class := 'Second';

else

class := 'Other';

end if;

temp := resultObject(roll , name , class);

return temp;

EXCEPTION

WHEN no\_data\_found THEN

dbms\_output.put\_line('No such customer!');

return temp;

WHEN others THEN

dbms\_output.put\_line('Error!');

return temp;

end;

\*/

/\*

create or replace procedure proc\_grade as

temp resultObject;

roll int;

cursor itr is

select rollno from stud\_marks;

begin

open itr;

loop

fetch itr into roll;

exit when itr%notfound;

temp := comp\_grade(roll);

insert into result values(temp.rollno , temp.name , temp.class);

end loop;

close itr;

end;

\*/

/\*

begin

proc\_grade;

end;

\*/

/\*

select \* from result;

\*/