**Roll no -63**

**Name –Rutuja Ashok Sathe**

**Practical Assignment -5**

Write a Stored Procedure namely proc\_Grade for the categorization of student. If marks scored by students in examination is &lt;=1500 and marks&gt;=990 then student will be placed in distinction category if marks scored are between 989 and900 category is first class, if marks 899 and 825 category is Higher Second Class

Write a PL/SQL block for using procedure created with above requirement. Stud\_Marks(name, total\_marks) Result(Roll, Name, Class)

SQL> create table stud\_marks(name varchar2(20),total\_marks number(5));

Table created.

SQL> create table result (roll number(3),name varchar2(20),class varchar2(20));

Table created.

SQL> create or replace procedure proc\_Grade(rno number,name varchar2,marks number)

is

class varchar2(20);

begin

if(marks <=1500 and marks >=990) then

class := 'Distinction';

elsif(marks<=989 and marks>=900)then

class := 'First';

elsif(marks<=899 and marks>=825)then

class := 'Higher second';

end if;

insert into stud\_marks values(name,marks);

insert into result values(rno,name,class);

end

;

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Procedure created.

SQL> exec proc\_Grade(1,'rutuja',877);

PL/SQL procedure successfully completed.

SQL> exec proc\_Grade(2,'nita',1450);

PL/SQL procedure successfully completed.

SQL> exec proc\_Grade(3,'Prajakta',987);

PL/SQL procedure successfully completed.

SQL> select \* from stud\_marks;

NAME TOTAL\_MARKS

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rutuja 877

nita 1450

sonali 987

SQL> select \* from result;

ROLL NAME CLASS

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1 rutuja Higher Second

2 nita Distinction

3 sonali First

Create table stud\_marks(name varchar(20),total\_marks int);

Insert into stud\_marks values(‘abc’,900);

Create table result( name varchar(20),class varchar(20));

create or replace procedure proc\_Grade(mmarks in number, mname in

varchar)

is

begin

if mmarks>=990 and mmarks <=1500 then

insert into Result values(mname,'distinction');

elsif mmarks>=900 and mmarks<=989 then

insert into Result values(mname,'first');

elsif mmarks>=825 and mmarks<=899 then

insert into Result values(mname,'HS');

end if;

end;

/

Select \* from result;

Declare

mmarks number(4);

mname varchar(10);

mmname varchar(10);

begin

mname:='&mname';

select name,total\_marks into mmname,mmarks from Stud\_Marks where

name=mname

;

proc\_Grade(mmarks, mname );

end;

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