**CREATE DATABASE**

create database pract5;

**USE DATABASE**

use pract5;

**CREATE TABLE**

create table result( roll int(11) auto\_increment,name varchar(20),class varchar(20),primary key(roll));

create table stud\_marks(name varchar(20),marks int(11));

**INSERT INTO TABLE**

insert into result values(1,'ABC','');

insert into result values(2,'DEF','');

insert into result values(3,'XYZ','');

insert into stud\_marks values('ABC',1400);

insert into stud\_marks values('DEF',950);

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

select \* from result;

select \* from stud\_marks ;

desc result;

desc stud\_marks;

**DELIMITER**

delimiter //

create procedure proc\_Grade(IN rno int,out grade varchar(25))

-> begin

-> declare m int;

-> select marks into m from stud\_marks where name = (select name from result where roll = rno);

-> if m>=990 and m<=1500 then

-> select 'Distinction' into grade;

-> update result set class='Distinction' where roll=rno;

-> elseif m>=900 and m<=989 then

-> select 'First Class' into grade;

-> update result set class='First Class' where roll=rno;

-> elseif m>=825 and m<=899 then

-> select 'Higher Second Class' into grade;

-> update result set class='Higher Second Class' where roll=rno;

-> else

-> select '--' into grade;

-> update result set class='--' where roll=rno;

-> end if;

-> end;

-> //

delimiter //

create function func\_grade(rno int)

-> returns varchar(25)

-> deterministic

-> begin

-> declare grade varchar(25);

-> call proc\_Grade(rno,grade);

-> return grade;

-> end;

-> //

**FUNCTION CALL**

select func\_Grade(1);

select func\_Grade(2);

select func\_Grade(3);

select \* from result;