**Stored procedures**

Create database ass5;

Use ass5;

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

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

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

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

select\*from result;

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

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

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

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

select\*from stud\_marks;

desc result;

desc stud\_marks;

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\_no=rno);

if m>=990 and m<=1500 then

select 'Distinction' into grade;

update result set class='Distinction' where roll\_no=rno;

elseif m>=900 and m<=989 then

select 'First Class' into grade;

update result set class='First Class' where roll\_no=rno;

elseif m>=825 and m<=899 then

select 'Higher Second Class' into grade;

update result set class='Higher Second Class' where roll\_no=rno;

else

select'--' into grade;

update result set class = '--' where roll\_no=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;

//

select func\_grade(1);

select func\_grade(2);

select func\_grade(3);