Assignment 5

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Problem Statement : Write a Stored Procedure namely proc\_Grade for the categorization of student. If marks scored by students in examination is <=1500 and marks>=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.

create database exam;

use exam;

show tables;

create table students(roll\_no int not null primary key auto\_increment, marks int, status varchar (20));

insert into students(marks) values (700),(950),(1000),(976),(300),(840);

delimiter $

create procedure score (in roll int)

begin

declare a varchar(20);

declare b int ;

declare c int;

declare exit handler for SQLEXCEPTION select 'create table definition';

select marks into b from students where roll\_no = roll;

if b between 990 and 1500 then

update students set status = 'distinction' where roll\_no=roll;

elseif b between 900 and 989 then

update students set status = 'first class' where roll\_no=roll;

elseif b between 825 and 899 then

update students set status = 'high secondary' where roll\_no=roll;

else

update students set status = 'failed' where roll\_no=roll;

end if;

end$

call score(1);

call score(2);

call score(3);

call score(4);

call score(5);

call score(6);

select \* from students;

