**Practical 5**

create database ass5;

use ass5;

create table student(rollin int primary key,name char (20), dateofissue date, bname char(20),status char(1));

desc borrower;

create table fine(rollno int primary key, fdate date, amt int (11));

insert into borrower(rollin, name, dateofissue, bname, status )

values('1','a','2011-11-01','Java','I');

insert into borrower(rollin, name, dateofissue, bname, status ) values('2','b','2020-10-15','DBMS','I');

desc fine;

delimiter $

create procedure fine\_calculation(IN rno int(3),bname char(20))

begin

declare i\_date date;

declare diff int;

declare fine\_amt int;

declare exit handler for sqlexception select 'Table not found';

select dateofissue into i\_date from borrower where rollin=rno and

bname=bname;

select datediff(curdate(),i\_date) into diff;

if(diff>15 and diff<=30) then

set fine\_amt =diff\*5;

insert into fine values(rno,curdate(),bname);

elseif(diff>30) then

set fine\_amt =15\*5 + (diff-30)\*50;

insert into fine values(rno,curdate(),bname);

end if;

update borrower set status='R' where roll\_no=rno and bname=bname;

end;

$

delimiter ;

call fine\_calculation(3,'DBMS');

select \*from borrower