**Book**

Create database ass4;

Use ass4;

create table borrower(roll\_no int(11)primary key,name char(20) not null,dateOfIssue date,bname char(20),status char(1));

desc borrower;

create table fine(roll\_no int(11),fdate date,amt int(11));

desc fine;

insert into borrower values('1','a','2022-11-01','Java','I');

insert into borrower values('2','b','2022-10-15','Networking','I');

insert into borrower values('3','c','2022-10-28','DBMS','I');

insert into borrower values('4','d','2022-09-22','CNS','I');

select\*from borrower;

delimiter //

create procedure fine\_calculation(IN rno int(3),name 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 roll\_no=rno and bname=name;

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(),fine\_amt);

elseif(diff>30) then

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

insert into fine values(rno,curdate(),fine\_amt);

end if;

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

end;

//

delimiter ;

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

select\*from fine;

select\*from borrower;