Assignment 7

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Problem Statement: Database Trigger (All Types: Row level and Statement level triggers, Before and After Triggers). Write a database trigger on Library table. The System should keep track of the records that are being updated or deleted. The old value of updated or deleted records should be added in Library\_Audit table.Frame the problem statement for writing Database Triggers of all types, in-line with above statement. The problem statement should clearly state the requirements.

use library;

delimiter //

create table audit (rollno int,name varchar(5),dateofissue date,nameofbook varchar(10),status varchar(2));

create trigger library after insert on borrower for each row

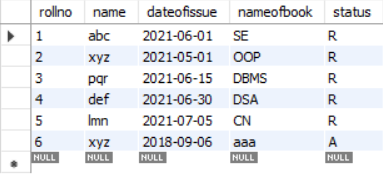
begin

insert into audit values(new.rollno,new.name,new.dateofissue,new.nameofbook,new.status);

end;

insert into borrower values('6','xyz','2018-09-06','aaa','A');

select \* from borrower;



select \* from audit;



end //

delimiter $

create trigger library1 after update on borrower for each row

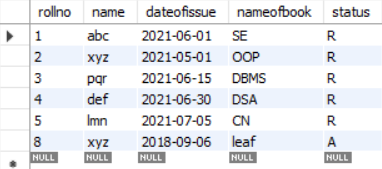
begin

insert into audit values(new.rollno,new.name,new.dateofissue,new.nameofbook,new.status);

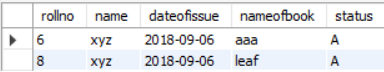
end;

update borrower set rollno='8',nameofbook='leaf' where status='A';

select \*from borrower;



select \* from audit;



end $