



ASSIGNMENT 8

DUE: 4/11/2018

Chad Daily, Dalton Sacre, Robert Weedman, Mason Wuest

Sacre, Dalton Lawrence
[Email address]

```

SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO

CREATE TRIGGER [dbo].[UPDATE_MEMBER_BALANCE]
    ON [dbo].[DETAILRENTAL]
    AFTER UPDATE
AS
BEGIN
    declare @rent_num int
    declare @Fee_After decimal
    declare @Prior_Fee decimal

--update data
    if(exists (select * from deleted) and exists (select * from inserted))
    begin
        declare update_cursor cursor for
        select r.rent_num, sum((d.detail_duedate - d.detail_returndate) *
d.detail_dailylatefee) as Proir_Fee,
        sum((r.detail_duedate - r.detail_returndate) * r.detail_dailylatefee) as
Fee_After
        from deleted d inner join r on d.Rent_Num = r.rent_num
        group by r.rent_num

        open update_cursor
        fetch next from update_cursor
            into @rent_num, @Fee_After, @Prior_Fee
        while (@@FETCH_STATUS = 0)

        begin
            if (@Fee_After is null)
            begin
                set @Prior_Fee = 0
            end

            if(@Fee_After is null )
            begin
                set @Fee_After = 0
            end

            begin
                update MEMBERSHIP
                set Mem_Balance = Mem_Balance + (@Prior_Fee - @Fee_After)
                from MEMBERSHIP m inner join RENTAL r on m.Mem_Balance = r.Mem_Num
                    inner join DETAILRENTAL d on r.Rent_Num = d.Rent_Num
                where r.Rent_Num = @rent_num
                fetch next from update_cursor
                    into @rent_Num, @prior_fee, @fee_after

            end
        end
        close update_cursor
        deallocate update_cursor
    end
end

```

```
SET NOCOUNT ON;
```

```
-- Insert statements for trigger here
```

```
END
```

```
GO
```

ERD

