Emily Zeng

CIS 310

Assignment 9

SELECT \*

FROM DETAILRENTAL

CREATE TRIGGER TRG\_MEM\_BALANCE ON DETAILRENTAL

AFTER UPDATE

AS

BEGIN

DECLARE @PRIOR\_LATEFEE DECIMAL,

@NEW\_LATEFEE DECIMAL,

@RENT\_FEE DECIMAL,

@RENTAL\_MEMBER INT;

IF (EXISTS (SELECT \* FROM DELETED) AND EXISTS (SELECT \* FROM INSERTED))

BEGIN

DECLARE UPDATE\_CURSOR CURSOR FOR

SELECT I.RENT\_NUM, SUM(@NEW\_LATEFEE - @PRIOR\_LATEFEE) AS UPDATE\_AMOUNT

FROM DELETED D INNER JOIN INSERTED I ON I.RENT\_NUM = D.RENT\_NUM AND I.VID\_NUM = D.VID\_NUM

WHERE (@NEW\_LATEFEE > 0) OR (@NEW\_LATEFEE IS NOT NULL)

GROUP BY I.RENT\_NUM

OPEN UPDATE\_CURSOR

FETCH NEXT FROM UPDATE\_CURSOR

INTO @RENT\_FEE, @NEW\_LATEFEE

WHILE (@@FETCH\_STATUS = 0)

BEGIN

UPDATE MEMBERSHIP

SET MEM\_BALANCE = @NEW\_LATEFEE + @PRIOR\_LATEFEE

WHERE MEM\_NUM = (SELECT MEM\_NUM

FROM RENTAL

WHERE MEM\_NUM = @RENTAL\_MEMBER)

FETCH NEXT FROM UPDATE\_CURSOR

INTO @RENT\_FEE, @NEW\_LATEFEE

END

CLOSE UPDATE\_CURSOR

DEALLOCATE UPDATE\_CURSOR

END

END

SELECT \*

FROM RENTAL

WHERE RENT\_NUM = '1006' OR RENT\_NUM = '1007'

UPDATE DETAILRENTAL

SET DETAIL\_RETURNDATE = DETAIL\_RETURNDATE + 3