In this lab you will create two triggers. Write them and test them that they work.

Add the first trigger to the **transaction** table. The idea is that every time a tuple is inserted in the transaction table, the current balance of the credit card that is involved in the transaction should be incremented by the dollar amount of the transaction.

**CREATE** **TRIGGER** Clients\_Insert

**AFTER** **INSERT** **ON** Transaction

**FOR** **EACH** **ROW**

**UPDATE** **CreditCard cc**

**SET** cc.balance = cc.balance + New.amount

WHERE cc.number = new.CCNum;

Add a second trigger to the **credit card** table. If a **credit card** tuple is updated, the trigger should make sure that the new credit card balance is less than the new credit limit. If it is not, then you should signal the exception 12345.

**DELIMITER $$**

CREATE TRIGGER CreditLimit\_Check

-> AFTER Update ON CreditCard

-> FOR EACH ROW BEGIN

-> IF NEW.balance > NEW.CreditLimit THEN

-> SIGNAL sqlstate '12345';

-> END IF;

-> END$$

DELIMITER ;

Show during lab time. As last resource, follow directions below.

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