

## CISC 3321

### Programming Assignment 4 (20 Pts)

Due at 10:00 PM Central (MyCampus)

Topic(s): Control statements (selection, repetition)

#### Credit Limit Calculator:

The purpose of the application is to determine if a computer store customer has exceeded the credit limit on a charge account.

The specific requirements are provided below (all must be met as stated for full credit):

- Each customer enters an account number (an integer), a balance at the beginning of the month (a double), the total of all items charged this month (a double), the total of all credits applied to the customer's account this month (a double) and the customer's allowed credit limit (a double).
- Your application should input each of these facts, calculate the new balance (= beginning balance – credits + charges), display the new balance and determine whether the new balance exceeds the customer's credit limit
- Format the input as currency
- If the customer's credit limit is exceeded, have your application display a message letting the customer know; otherwise, it should display the customer's remaining credit amount.
- If the user enters a non-numeric in any of the fields, warn them of this and ask them to enter only numbers