

# Assignment 5

CSIS 113A – Duffie (S2016)

Objective: To create a C++ Console application that utilizes *selection* control to create the ‘*Menu Driven Banking*’ application.

General Specification: Create a menu-driven application that supports the following menu options – **A. Deposit**, **B. Withdrawal**, **C. Show Balance**, and **Q. Quit**. The program should continue to process transactions until Quit is selected. Your program should begin execution with a zero balance. This program tracks the balance of a single customer.

When your program first starts it should prompt the user to enter the Customer Name and an Account Number. Both the name and account number variables should be of type string.

Required Features –

- Deposit – Adds an amount to the running balance;  
*Should reject zero or negative amounts;*
- Withdrawal - Subtracts an amount from the running balance;  
*Should reject zero or negative amounts. Should also reject withdrawal transactions that exceed balance;*
- Balance - Clearly displays the Customer Name, the last four digits of the account number (XXXX-4567), and the account balance.
- Quit - Terminates the program;