**COMP 2152 – Lab 6**

Name: Minh Nhat Vo

Student’s ID: 101224717

Date: March 19, 2022

[TestMethod]

public void Credit\_WithValidAmount\_UpdatesBalance()

{

// Arrange

double beginningBalance = 11.99;

double creditAmount = 4.55;

double expected = 16.54;

BankAccount account = new BankAccount("Mr. Bryan Walton", beginningBalance);

// Act

account.Credit(creditAmount);

// Assert

double actual = account.Balance;

Assert.AreEqual(expected, actual, 0.001, "Account not debited correctly");

}

[TestMethod]

public void Credit\_WhenAmountIsLessThanZero\_ShouldThrowArgumentOutOfRange()

{

// Arrange

double beginningBalance = 11.99;

double creditAmount = -100.00;

BankAccount account = new BankAccount("Mr. Bryan Walton", beginningBalance);

// Act and assert

Assert.ThrowsException<System.ArgumentOutOfRangeException>(() => account.Credit(creditAmount));

}