**Topic 2: Input Validation & Unit Testing Web App**

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**Content**

**Reading**

[Reading](https://dmacc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_102593_1&content_id=_7286692_1)

Unit Testing (Review)

* + Microsoft:docs.microsoft.com
    - [Unit test basics](https://docs.microsoft.com/en-us/visualstudio/test/unit-test-basics?view=vs-2019)
    - [Getting started with unit testing](https://docs.microsoft.com/en-us/visualstudio/test/getting-started-with-unit-testing?view=vs-2019)
    - [Unit Testing C# in .NET Core using dotnet test and xUnit](https://docs.microsoft.com/en-us/dotnet/core/testing/unit-testing-with-dotnet-test)
    - [Create and run unit tests for managed code](https://docs.microsoft.com/en-us/visualstudio/test/walkthrough-creating-and-running-unit-tests-for-managed-code?view=vs-2019)
    - [Best practices for unit testing](https://docs.microsoft.com/en-us/dotnet/core/testing/unit-testing-best-practices)
  + GeeksForGeeks: geeksforgeeks.com
    - [Unit Testing/Software Testing](https://www.geeksforgeeks.org/unit-testing-software-testing/)
  + TutorialsPoint: tutorialspoint.com
    - [Unit Testing](https://www.tutorialspoint.com/software_testing_dictionary/unit_testing.htm)
    - [Unit Testing for C# Code](https://www.tutorialspoint.com/Unit-Testing-for-Chash-Code)
  + C# Corner: c-sharpcorner.com
    - [C# Corner A Basic Introduction to C# Unit Test for Beginners](https://www.c-sharpcorner.com/article/a-basic-introduction-of-unit-test-for-beginners/)

[**Validate Input and Test**](https://dmacc.blackboard.com/webapps/assignment/uploadAssignment?content_id=_7286696_1&course_id=_102593_1&group_id=&mode=view)

Follow the instructions attached to alter the BankAccount lab Web App from Module 11.

Add input validation and change the BankAccount class based on the Unit Tests.

Submit BankAccount.cs file, UnitTest1.cs file, and a screen shot of your tests passing.

[CIS 169 Lab Test a Bank Account Web App.pdf](https://dmacc.blackboard.com/bbcswebdav/pid-7286696-dt-content-rid-101467806_1/xid-101467806_1) [CIS 169 Lab Test a Bank Account Web App.pdf - Alternative Formats](https://dmacc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_102593_1&content_id=_7286692_1)