

Validation.cs Error List

```
ss.Tests Validation.Tests.UnitTesting1 ValidateStudentId_WhenValidInputsEntered_ReturnExpected()
var result = myValidation.ValidateClassCrn(CrnNumber);

Assert.AreEqual(expected: CrnNumber, actual: result);
}

[TestMethod]
[ExpectedException(typeof(ArgumentException))]
0 | 0 references
public void ValidateClassCrn_WhenInvalidInputIsEntered_ThrowException()
{
    var enteredClassCrn = "1234D";

    Validation myValidation = new Validation();

    myValidation.ValidateClassCrn(enteredClassCrn);
}

[TestMethod]
0 | 0 references
No issues found
```

Test Explorer

Duration	Test
261 ms	ValidateClassCrn_WhenValidInputsEntered_ReturnExpected
261 ms	ValidateClassCrn_WhenValidInputsEntered_ThrowException
261 ms	ValidateClassCodeAndNumber_WhenValidInputsEntered_ThrowException
252 ms	ValidateClassCodeAndNumber_WhenValidInputsEntered_ReturnExpected
4 ms	ValidateClassCrn_WhenInvalidInputIsEntered_ThrowException
1 ms	ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected

Test Detail Summary

- ✓ ValidateClassCrn\_WhenInvalidInputIsEntered\_ThrowException
  - Source: [UnitTest1.cs](#) line 118
  - Duration: 1 ms

## Test Detail Summary

- ✖ [ValidateFirstName\\_WhenValidInputsEntered\\_ReturnExpected](#)

Source: [UnitTest1.cs](#) line 44

Duration: 1 ms

Message:

```
Test method Validation.Tests.UnitTest1.ValidateFirstName_WhenValidInp  
System.ArgumentException: Please enter a valid first name.
```

Stack Trace:

```
Validation.ValidateFirstName(String firstName) line 58
```

## Output

Validation.cs Error List

ss.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected()

```
[TestMethod]
public void ValidateFirstName_WhenValidInputIsEntered_ReturnExpected()
{
    var enteredFirstName = "Cody";

    Validation myValidation = new Validation();

    myValidation.studentFirstNameTextBox.Text = enteredFirstName;

    var result = myValidation.ValidateFirstName(enteredFirstName);

    Assert.AreEqual(expected: enteredFirstName, actual: result);
}

[TestMethod]
```

No issues found

Test Explorer

Test Name	Duration
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms
dateFirstName_WhenValidInputIsEntered_ReturnExpected	< 1 ms
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms
dateLastName_WhenValidInputIsEntered_ReturnExpected	< 1 ms
dateStudentId_WhenInvalidInputIsEntered_ThrowException	2 ms
dateStudentId_WhenValidInputIsEntered_ReturnExpected	< 1 ms

Test Detail Summary

- ✓ ValidateFirstName\_WhenValidInputIsEntered\_ReturnExpected
  - Source: [UnitTest1.cs](#) line 44
  - Duration: < 1 ms

## Test Detail Summary

- ✖ **ValidateFirstName\_WhenValidInputIsEntered\_ReturnExpected**
    - Source: [UnitTest1.cs](#) line 44
    - Duration: 1 ms
  - Message:  
Test method Validation.Tests.UnitTest1.ValidateFirstName\_WhenValidInputIsEntered() threw an exception of type System.ArgumentException: Please enter a valid first name.
  - Stack Trace:  
[Validation.ValidateFirstName\(String firstName\)](#) line 58

## Output

Validation.cs Error List

```
ss.Tests Validation.Tests.UnitTest1 ValidateStudentId_WhenValidInputIsEntered_ReturnExpected()
{
    var result = myValidation.ValidateFirstName(enteredFirstName);

    Assert.AreEqual(expected: enteredFirstName, actual: result);
}

[TestMethod]
[ExpectedException(typeof(ArgumentException))]
✓ | 0 references
public void ValidateFirstName_WhenInvalidInputIsEntered_ThrowException()

{
    var enteredFirst = "Cod1";

    Validation myValidation = new Validation();

    var result = myValidation.ValidateFirstName(enteredFirst);
}

[TestMethod]
```

No issues found

Test Explorer

Test Name	Duration
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms
dateFirstName_WhenValidInputIsEntered_ReturnExpected	< 1 ms
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms
dateLastName_WhenValidInputIsEntered_ReturnExpected	< 1 ms
dateStudentId_WhenInvalidInputIsEntered_ThrowException	2 ms
dateStudentId_WhenValidInputIsEntered_ReturnExpected	< 1 ms

Test Detail Summary

✓ ValidateFirstName\_WhenInvalidInputIsEntered\_ThrowException

Source: [UnitTest1.cs](#) line 60

Duration: 1 ms

Validation.cs Error List Validation.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenInvalidInputsEntered\_ThrowException

```
ss.Tests
    Validation.Tests.UnitTesting1
        ValidateStudentId_WhenInvalidInputsEntered_ThrowException

    Validation.Tests.UnitTesting1
        ValidateLastName_WhenValidInputIsEntered_ReturnExpected

    Validation.Tests.UnitTesting1
        ValidateFirstName_WhenValidInputIsEntered_ReturnExpected

    Validation.Tests.UnitTesting1
        ValidateLastname_WhenValidInputIsEntered_ReturnExpected

    Validation.Tests.UnitTesting1
        ValidateLastname_WhenInvalidInputsEntered_ThrowException

    Validation.Tests.UnitTesting1
        ValidateLastname_WhenValidInputIsEntered_ReturnExpected

    Validation.Tests.UnitTesting1
        ValidateStudentId_WhenValidInputIsEntered_ThrowException

    Validation.Tests.UnitTesting1
        ValidateStudentId_WhenValidInputIsEntered_ReturnExpected

}
```

No issues found

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Search Test Explorer

	Duration	Trait
ValidateClassCrn_WhenInvalidInputsEntered_ThrowException	1 ms	
ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected	1 ms	
ValidateFirstName_WhenInvalidInputsEntered_ThrowException	1 ms	
ValidateFirstName_WhenValidInputIsEntered_ReturnExpected	1 ms	
ValidateLastname_WhenInvalidInputsEntered_ThrowException	1 ms	
ValidateLastname_WhenValidInputIsEntered_ReturnExpected	2 ms	
ValidateStudentId_WhenInvalidInputsEntered_ThrowException	1 ms	
ValidateStudentId_WhenValidInputIsEntered_ReturnExpected	1 ms	

Test Detail Summary

ValidateLastName\_WhenValidInputIsEntered\_ReturnExpected  
Source: [UnitTest1.cs](#) line 73  
Duration: 2 ms

Message:  
Test method Validation.Tests.UnitTesting1.ValidateLastName\_WhenValidInputIsEntered\_ReturnExpected() threw an exception of type System.ArgumentException: Please enter a valid last name.

Stack Trace:  
[Validation.ValidateLastName\(String lastName\)](#) line 73

Validation.cs Error List

ss.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected()

```
[TestMethod]
public void ValidateLastName_WhenValidInputIsEntered_ReturnExpected()
{
    var enteredLastName = "Hale";

    Validation myValidation = new Validation();

    myValidation.studentLastNameTextBox.Text = enteredLastName;

    var result = myValidation.ValidateLastName(enteredLastName);

    Assert.AreEqual(expected: enteredLastName, actual: result);
}
```

[TestMethod]

No issues found

Test Explorer

	Duration	Trail
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms	
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputIsEntered_ReturnExpected	< 1 ms	
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputIsEntered_ReturnExpected	< 1 ms	
dateStudentId_WhenInvalidInputIsEntered_ThrowException	2 ms	
dateStudentId_WhenValidInputIsEntered_ReturnExpected	< 1 ms	

Test Detail Summary

- ✓ ValidateLastName\_WhenValidInputIsEntered\_ReturnExpected
  - Source: [UnitTest1.cs](#) line 73
  - Duration: < 1 ms

Validation.cs Error List Validation.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenInvalidInputIsEntered\_ThrowException

```
[TestMethod]
// [ExpectedException(typeof(ArgumentException))]
public void ValidateLastName_WhenInvalidInputIsEntered_ThrowException()
{
    var enteredLastName = "Hal3";

    Validation myValidation = new Validation();

    var result = myValidation.ValidateLastName(enteredLastName);
}
```

No issues found

10 0 10

	Duration	Trait
dateClassCrn_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	1 ms	
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputIsEntered_ReturnExpected	1 ms	
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputIsEntered_ReturnExpected	2 ms	
dateStudentId_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateStudentId_WhenValidInputIsEntered_ReturnExpected	1 ms	

Test Detail Summary

ValidateLastName\_WhenValidInputIsEntered\_ReturnExpected  
Source: UnitTest1.cs line 73  
Duration: 2 ms

Message:  
Test method Validation.Tests.UnitTesting1.ValidateLastName\_WhenValidInputIsEntered\_ReturnExpected() threw exception:  
System.ArgumentException: Please enter a valid last name.

Stack Trace:  
[Validation.ValidateLastName\(String lastName\)](#) line 73

The screenshot shows the Microsoft Test Explorer interface. At the top, there's a status bar with 'No issues found'. Below it is a toolbar with icons for running tests, stopping them, and other operations. To the right of the toolbar is a search bar labeled 'Search Test Explorer' and a dropdown menu. The main area displays a table of test results. The columns are 'Name', 'Duration', and 'Trait'. The 'Duration' column has sorting arrows. The table contains the following data:

Name	Duration	Trait
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms	
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputIsEntered_ReturnExpected	< 1 ms	
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputIsEntered_ReturnExpected	< 1 ms	
dateStudentId_WhenInvalidInputIsEntered_ThrowException	2 ms	
dateStudentId_WhenValidInputIsEntered_ReturnExpected	< 1 ms	

A tooltip for the 'dateLastName\_WhenInvalidInputIsEntered\_ThrowException' test is open, titled 'Test Detail Summary'. It shows the test was successful (green checkmark), its source is 'UnitTest1.cs' line 90, and its duration is 1 ms.

Validation.cs Error List

ss.Tests Validation.Tests.UnitTest1 ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected()

```
0 references
public class UnitTest1
{
    [TestMethod]
    0 references
    public void ValidateStudentId_WhenValidInputIsEntered_ReturnExpected()
    {
        var enteredStudentIdNumber = "900597212";

        Validation myValidation = new Validation();

        myValidation.studentIDTextBox.Text = enteredStudentIdNumber;

        var result = myValidation.ValidateStudentId(enteredStudentIdNumber);

        Assert.AreEqual(expected: enteredStudentIdNumber, actual: result);
    }

    [TestMethod]
    ExpectedException<typeof(ArgumentException)>
}
```

No issues found

Test Explorer

Test Name	Duration	Result
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms	Pass
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	Fail
dateFirstName_WhenValidInputIsEntered_ReturnExpected	< 1 ms	Pass
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	Fail
dateLastName_WhenValidInputIsEntered_ReturnExpected	< 1 ms	Pass
dateStudentId_WhenInvalidInputIsEntered_ThrowException	2 ms	Fail
dateStudentId_WhenValidInputIsEntered_ReturnExpected	< 1 ms	Pass

Test Detail Summary

- ✓ ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected
  - Source: [UnitTest1.cs](#) line 16
  - Duration: < 1 ms

Validation.cs Error List

```
ss.Tests Validation.Tests.UnitTest1 ValidateStudentId_WhenInvalidInputIsEntered_ThrowException

    Assert.AreSame(enteredStudentIdNumber, result);
}

[TestMethod]
// [ExpectedException(typeof(ArgumentException))]
public void ValidateStudentId_WhenInvalidInputIsEntered_ThrowException()
{
    var enteredStudentIdNumber = "90059721D";

    Validation myValidation = new Validation();

    var result = myValidation.ValidateStudentId(enteredStudentIdNumber);

}

[TestMethod]
```

No issues found

10 0 10

Test Detail Summary

	Duration	Trait
dateClassCrn_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	1 ms	
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputIsEntered_ReturnExpected	1 ms	
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputIsEntered_ReturnExpected	2 ms	
dateStudentId_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateStudentId_WhenValidInputIsEntered_ReturnExpected	1 ms	

ValidateStudentId\_WhenInvalidInputIsEntered\_ThrowException

Source: [UnitTest1.cs](#) line 32

Duration: 1 ms

Message:

Test method Validation.Tests.UnitTest1.ValidateStudentId\_WhenInvalidInputIsEntered\_ThrowException() threw exception: System.ArgumentException: Enter a valid student ID number. It must be 10 digits long.

Stack Trace:

[Validation.ValidateStudentId\(String enteredStudentId\)](#) line 45

Validation.cs Error List

ss.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenValidInputsEntered\_ReturnExpected()

```
var result = myValidation.ValidateStudentId(enteredStudentIdNumber);

Assert.AreEqual(expected: enteredStudentIdNumber, actual: result);
}

[TestMethod]
[ExpectedException(typeof(ArgumentException))]
0 references
public void ValidateStudentId_WhenInvalidInputIsEntered_ThrowException()
{
    var enteredStudentIdNumber = "90059721D";

    Validation myValidation = new Validation();

    var result = myValidation.ValidateStudentId(enteredStudentIdNumber);

}
}

[TestMethod]

0 references
public void ValidateFirstName_WhenValidInputsEntered_ReturnExpected()
```

No issues found

Test Explorer

	Duration	Trail
dateClassCrn_WhenValidInputsEntered_ReturnExpected	< 1 ms	
dateFirstName_WhenInvalidInputsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputsEntered_ReturnExpected	< 1 ms	
dateLastName_WhenInvalidInputsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputsEntered_ReturnExpected	< 1 ms	
dateStudentId_WhenInvalidInputsEntered_ThrowException	2 ms	
dateStudentId_WhenValidInputsEntered_ReturnExpected	< 1 ms	

Test Detail Summary

✓ ValidateStudentId\_WhenInvalidInputIsEntered\_ThrowException  
Source: [UnitTest1.cs](#) line 32  
Duration: 2 ms

Validation.cs Error List

Validation.Tests

```
ss.Tests
using System;
using System.Security.Cryptography.X509Certificates;
using System.Windows.Forms;
using Microsoft.VisualStudio.TestTools.UnitTesting;

namespace Validation.Tests
{
    using ValidationTests;
    [TestClass]
    0 references
    No issues found
}
```

Test Explorer

Search Test Explorer

	Duration	Traits
Class.Tests (10)	261 ms	
on.Tests (10)	261 ms	
est1 (10)	261 ms	
dateClassCodeAndNumber_WhenInvalidInputsEntered_Thr...	252 ms	
dateClassCodeAndNumber_WhenValidInputsEntered_Return...	4 ms	
dateClassCrn_WhenInvalidInputsEntered_ThrowException	1 ms	
dateClassCrn_WhenValidInputsEntered_ReturnExpected	< 1 ms	
dateFirstName_WhenInvalidInputsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputsEntered_ReturnExpected	< 1 ms	
dateLastName_WhenInvalidInputsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputsEntered_ReturnExpected	< 1 ms	
dateStudentId_WhenInvalidInputsEntered_ThrowException	2 ms	
dateStudentId_WhenValidInputsEntered_ReturnExpected	< 1 ms	

Test Detail Summary

✓ ValidateClassCodeAndNumber\_WhenInvalidInputsEntered\_ThrowException

Source: [UnitTest1.cs](#) line 146

Duration: 252 ms

Validation.cs Error List Validation.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenInvalidInputIsEntered\_ThrowException

```
{  
    [TestMethod]  
    // 0 references  
    public void ValidateStudentId_WhenValidInputIsEntered_ReturnExpected()  
  
    {  
        var enteredStudentIdNumber = "900597212";  
  
        Validation myValidation = new Validation();  
  
        // myValidation.studentIDTextBox.Text = enteredStudentIdNumber;  
  
        var result = myValidation.ValidateStudentId(enteredStudentIdNumber);  
  
        Assert.AreEqual(enteredStudentIdNumber, result);  
    }  
  
    [TestMethod]  
    // [ExpectedException(typeof(ArgumentException))]  
}
```

No issues found

Test Explorer

	Duration	Trait
dateClassCrn_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateClassCrn_WhenValidInputIsEntered_ReturnExpected	1 ms	
dateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputIsEntered_ReturnExpected	1 ms	
dateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateLastName_WhenValidInputIsEntered_ReturnExpected	2 ms	
dateStudentId_WhenInvalidInputIsEntered_ThrowException	1 ms	
dateStudentId_WhenValidInputIsEntered_ReturnExpected	1 ms	

Test Detail Summary

ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected  
Source: UnitTest1.cs line 16  
Duration: 1 ms

Message:  
Test method Validation.Tests.UnitTesting1.ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected() threw exception:  
System.ArgumentException: Enter a valid student ID number. It must be 9 digits long.

Stack Trace:  
Validation.ValidateStudentId(String enteredStudentId) line 45

Output

here to search

The screenshot shows the Visual Studio IDE interface. The top menu bar includes 'Debug', 'Any CPU', 'Start', 'Refresh', 'Git Changes', 'Git Bash', and 'Git Extensions'. The left sidebar has tabs for 'Validation.cs' (selected), 'Error List', and 'Validation.Tests.UnitTest1'. The main editor area displays the following C# code:

```
ss.Tests
}
[TestMethod]
✖ | 0 references
public void ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected()
{
    var EnteredClassCodeAndNumber = "CIS 125";

    Validation myValidation = new Validation();

    // myValidation.classCodeAndNumberTextBox.Text = EnteredClassCodeAndNumber;

    var result = myValidation.ValidateClassCodeAndNumber(EnteredClassCodeAndNumber);

    Assert.AreEqual(EnteredClassCodeAndNumber, result);
}

[TestMethod]
```

The 'Validation.cs' tab in the sidebar shows a single test method: `ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected`. The code within the method uses a `Validation` class to validate a class code and number. A comment indicates that the validation logic is currently bypassed by setting the `myValidation.classCodeAndNumberTextBox.Text` property. The `Assert.AreEqual` statement checks if the input and output are the same. The code editor highlights the variable `EnteredClassCodeAndNumber` with a green underline.

The screenshot shows the Microsoft Test Explorer interface. The status bar at the top indicates 10 tests run, 0 successful, and 10 failed. The main area displays a table of test results. A specific test, 'ValidateClassCodeAndNumber\_WhenValidInputsEntered\_ReturnExpected', is selected and expanded to show its details. The test failed with a duration of 2 ms. The message indicates a System.ArgumentException was thrown with the message 'Enter a valid class code and number. The first character must be a letter'. The stack trace points to the Validation.ValidateClassCodeAndNumber method.

Test	Duration
ValidateClassCodeAndNumber_WhenValidInputsEntered_ReturnExpected	204 ms
ValidateClassCodeAndNumber_WhenInvalidInputsEntered_ThrowsException	193 ms
ValidateClassCodeAndNumber_WhenValidInputsEntered_ReturnExpected	2 ms
ValidateClassCrn_WhenInvalidInputsEntered_ThrowsException	1 ms
ValidateClassCrn_WhenValidInputsEntered_ReturnExpected	1 ms
ValidateFirstName_WhenInvalidInputsEntered_ThrowsException	1 ms
ValidateFirstName_WhenValidInputsEntered_ReturnExpected	1 ms
ValidateLastName_WhenInvalidInputsEntered_ThrowsException	1 ms

**Test Detail Summary**

✖ ValidateClassCodeAndNumber\_WhenValidInputsEntered\_ReturnExpected

Source: [UnitTest1.cs](#) line 131

Duration: 2 ms

Message:

Test method Validation.Tests.UnitTest1.ValidateClassCodeAndNumber\_WhenValidInputsEntered\_ReturnExpected threw exception:  
System.ArgumentException: Enter a valid class code and number. The first character must be a letter.

Stack Trace:

[Validation.ValidateClassCodeAndNumber\(String classCodeAndNumber\)](#) line 131

Validation.cs Error List

ss.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenValidInputIsEntered\_ReturnExpected()

```
[TestMethod]
public void ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected()
{
    var EnteredClassCodeAndNumber = "CIS 125";

    Validation myValidation = new Validation();

    myValidation.classCodeAndNumberTextBox.Text = EnteredClassCodeAndNumber;

    var result = myValidation.ValidateClassCodeAndNumber(EnteredClassCodeAndNumber);

    Assert.AreEqual(expected: EnteredClassCodeAndNumber, actual: result);
}

[TestMethod]
[ExpectedException(typeof(ArgumentException))]

```

No issues found

Test Detail Summary

	Duration	Trail
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	261 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	261 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	261 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	252 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	4 ms	
ValidateClassCrn_WhenInvalidInputIsEntered_ThrowException	1 ms	
ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms	

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Validation.cs Error List

```
ss.Tests
    var result = myValidation.ValidateClassCodeAndNumber("Enter a class code and number");
    Assert.AreSame(EnteredClassCodeAndNumber, result);
}

[TestMethod]
// [ExpectedException(typeof(ArgumentException))]
public void ValidateClassCodeAndNumber_WhenInvalidInputIsEntered_ThrowException()
{
    var enteredClassCodeAndNumber = "123 CR1";

    Validation myValidation = ...;

    myValidation.ValidateClassCodeAndNumber(enteredClassCodeAndNumber);
}
```

No issues found

Test Explorer | Search Test Explorer

	Duration	Trait
ValidationTests (10)	204 ms	
ValidateClassCodeAndNumber_WhenInvalidInputIsEntered_Thr...	193 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_Return...	2 ms	
ValidateClassCrn_WhenInvalidInputIsEntered_ThrowException	1 ms	
ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected	1 ms	
ValidateFirstName_WhenInvalidInputIsEntered_ThrowException	1 ms	
ValidateFirstName_WhenValidInputIsEntered_ReturnExpected	1 ms	
ValidateLastName_WhenInvalidInputIsEntered_ThrowException	1 ms	

Test Detail Summary

✖ ValidateClassCodeAndNumber\_WhenInvalidInputIsEntered\_ThrowException

- Source: [UnitTest1.cs](#) line 146
- Duration: 193 ms

Message:

Test method Validation.Tests.UnitTest1.ValidateClassCodeAndNumber\_WhenInvalidInputIsEntered\_ThrowException() threw exception:  
System.ArgumentException: Enter a valid class code and number. The first character must be a digit.

Stack Trace:

[Validation.ValidateClassCodeAndNumber\(String classCodeAndNumber\)](#) line 146

Validation.cs Error List

```
Validation.Tests.cs.csproj Validation.Tests.UnitTest1.cs ValidationTests.cs
```

Validation.Tests.cs

```
    [TestMethod]
    [ExpectedException(typeof(ArgumentException))]
    public void ValidateClassCodeAndNumber_WhenInvalidInputIsEntered_ThrowException()
    {
        var enteredClassCodeAndNumber = "123 CR1";

        Validation myValidation = new Validation();

        myValidation.ValidateClassCodeAndNumber(enteredClassCodeAndNumber);
    }
}
```

No issues found

Test Explorer

	Duration	Trail
ValidateClassCodeAndNumber_WhenInvalidInputIsEntered_ThrowException	261 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	261 ms	
ValidateClassCrn_WhenInvalidInputIsEntered_ThrowException	261 ms	
ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected	252 ms	
ValidateClassCodeAndNumber_WhenValidInputIsEntered_ReturnExpected	4 ms	
ValidateClassCrn_WhenValidInputIsEntered_ThrowException	1 ms	
ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected	< 1 ms	

Test Detail Summary

✓ ValidateClassCodeAndNumber\_WhenInvalidInputIsEntered\_ThrowException

Source: [UnitTest1.cs](#) line 146

⌚ Duration: 252 ms

Validation.cs Error List

```
Validation.Tests Validation.Tests.UnitTesting1 ValidateStudentId_WhenInvalidInputsEntered_ThrowException
```

}

[TestMethod]

0 references

```
public void ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected()
{
    var CrnNumber = "12345";

    Validation myValidation = new Validation();

    // myValidation.classCRNTextBox.Text = CrnNumber;

    var result = myValidation.ValidateClassCrn(CrnNumber);

    Assert.AreEqual(CrnNumber, result);
}
```

No issues found

Test Explorer (10)

Test	Duration	Trait
ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected	204 ms	
dateClassCodeAndNumber_WhenInvalidInputsEntered_Th...	193 ms	
dateClassCodeAndNumber_WhenValidInputsEntered_Retur...	2 ms	
dateClassCrn_WhenInvalidInputsEntered_ThrowException	1 ms	
dateClassCrn_WhenValidInputsEntered_ReturnExpected	1 ms	
dateFirstName_WhenInvalidInputsEntered_ThrowException	1 ms	
dateFirstName_WhenValidInputsEntered_ReturnExpected	1 ms	
dateLastName_WhenInvalidInputsEntered_ThrowException	1 ms	

Test Detail Summary

ValidateClassCrn\_WhenValidInputIsEntered\_ReturnExpected

- Source: [UnitTest1.cs](#) line 103
- Duration: 1 ms

Message:

Test method Validation.Tests.UnitTesting1.ValidateClassCrn\_WhenValidInputIsEntered\_ReturnExpected() threw an exception of type System.ArgumentException: Enter a valid class CRN number. It must be 5 digits long.

Stack Trace:

[Validation.ValidateClassCrn\(String classCrn\)](#) line 86

Output

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Add to Source Control



here to search



Validation.cs Error List

Validation.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenValidInputsEntered\_ReturnExpected()

```
[TestMethod]
public void ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected()
{
    var CrnNumber = "12345";

    Validation myValidation = new Validation();

    myValidation.classCRNTextBox.Text = CrnNumber;

    var result = myValidation.ValidateClassCrn(CrnNumber);

    Assert.AreEqual(expected: CrnNumber, actual: result);
}

[TestMethod]
[ExpectedException(typeof(ArgumentException))]

```

No issues found

Test Explorer

Duration	Test
261 ms	ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected
261 ms	ValidateClassCodeAndNumber_WhenInvalidInputsEntered_ThrowsException
261 ms	ValidateClassCodeAndNumber_WhenValidInputsEntered_ReturnExpected
252 ms	ValidateClassCrn_WhenInvalidInputsEntered_ThrowException
4 ms	ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected
1 ms	ValidateClassCrn_WhenValidInputIsEntered_ThrowException
< 1 ms	ValidateClassCrn_WhenValidInputIsEntered_ReturnExpected

Test Detail Summary

✓ ValidateClassCrn\_WhenValidInputIsEntered\_ReturnExpected

Source: [UnitTest1.cs](#) line 103

Duration: < 1 ms

Validation.cs Error List Validation.Tests Validation.Tests.UnitTesting1 ValidateStudentId\_WhenInvalidInputsEntered\_ThrowException

```
ss.Tests
    Assert.AreEqual(CrnNumber, result);
}

[TestMethod]
// [ExpectedException(typeof(ArgumentException))]
public void ValidateClassCrn_WhenInvalidInputIsEntered_ThrowException()
{
    var enteredClassCrn = "1234D";
    Validation myValidation = new Validation();
    myValidation.ValidateClassCrn(enteredClassCrn);
}

[TestMethod]
```

No issues found

Test Explorer | Search Test Explorer

Test	Duration	Trait
ValidateStudentId_WhenInvalidInputsEntered_ThrowException	204 ms	
ValidateClassCodeAndNumber_WhenInvalidInputsEntered_ThrowException	193 ms	
ValidateClassCodeAndNumber_WhenValidInputsEntered_ReturnExpected	2 ms	
ValidateClassCrn_WhenInvalidInputsEntered_ThrowException	1 ms	
ValidateClassCrn_WhenValidInputsEntered_ReturnExpected	1 ms	
ValidateFirstName_WhenInvalidInputsEntered_ThrowException	1 ms	
ValidateFirstName_WhenValidInputsEntered_ReturnExpected	1 ms	
ValidateLastName_WhenInvalidInputsEntered_ThrowException	1 ms	

Test Detail Summary

✖ ValidateClassCrn\_WhenInvalidInputIsEntered\_ThrowException

- Source: [UnitTest1.cs](#) line 118
- Duration: 1 ms

Message:

Test method Validation.Tests.UnitTest1.ValidateClassCrn\_WhenInvalidInputIsEntered\_ThrowException() threw exception: System.ArgumentException: Enter a valid class CRN number. It must be 4 digits long.

Stack Trace:

[Validation.ValidateClassCrn\(String classCrn\)](#) line 86