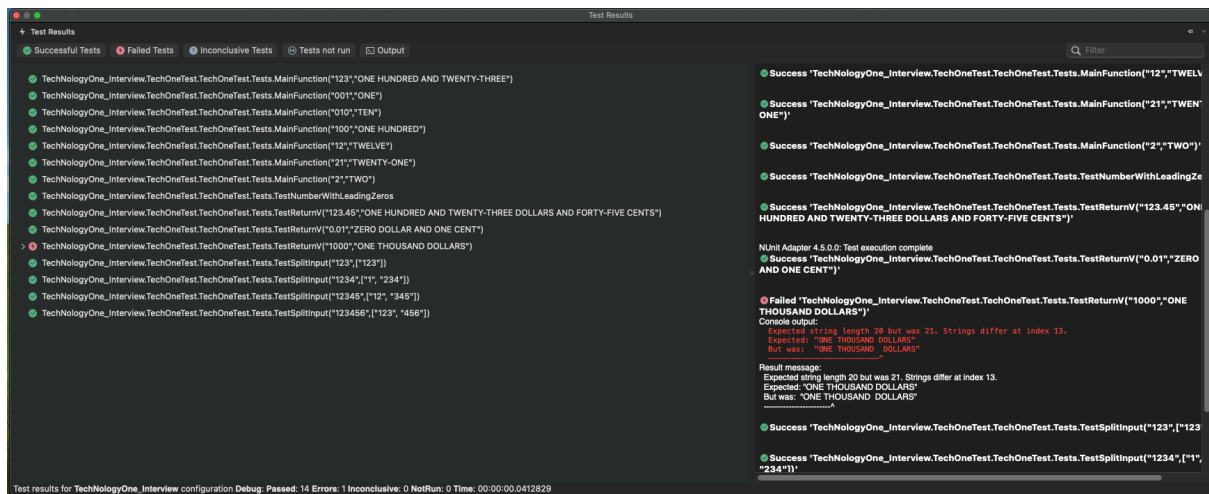# Unit Test report

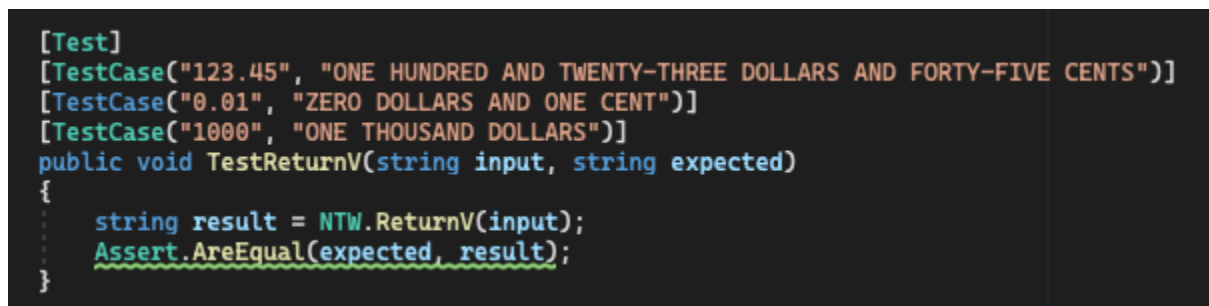**Project**: TechNologyOne_Interview **Date**: 24/08/23/ 03:02 PM
Tester: Wonwoo Choi

- Total Number of Tests:15
- Passed Tests: 14
- Failed Tests: 1
- Skipped Tests: 0
- Duration: 0.0412829 seconds

Summary

First Test

- Status: Failed

- Error:

1. Expected string length 20 but was 21. Strings differ at index 13.

   Expected: "ONE THOUSAND DOLLARS"

   But was: "ONE THOUSAND   DOLLARS"

- Memo: Try to figure it out why there is double space between Thousand but couldn't figure it out and try to fix it.

Second Test

```csharp
[Test]
[TestCase("123", new string[] { "123" })]
[TestCase("1234", new string[] { "1", "234" })]
[TestCase("12345", new string[] { "12", "345" })]
[TestCase("123456", new string[] { "123", "456" })]

public void TestSplitInput(string input, string[] expected)
{
    List<string> result = NTW.SplitInput(input);
    Assert.AreEqual(expected, result);
}
```

Status: Passed

Third Test

```csharp
[Test]
public void TestNumberWithLeadingZeros()
{
    string input = "00123.45";
    string expected = "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS";
    string result = NTW.ReturnV(input);
    Assert.AreEqual(expected, result);
}
```

Status: Passed

Fourth Test

```csharp
[Test]
public void TestNumberWithLeadingZeros()
{
    string input = "00123.45";
    string expected = "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS";
    string result = NTW.ReturnV(input);
    Assert.AreEqual(expected, result);
}
```

Status: Passed

Action:
I will fix the code on NTW.ReturnV funcJon and figure it out why the test failed and fix it.