

# Unit Test report

**Project:** TechNologyOne\_Interview **Date:** 24/08/23/ 01:18AM

**Tester:** Wonwoo Choi

## Summary

- Total Number of Tests: 8
- Passed Tests: 5
- Failed Tests: 3
- Skipped Tests: 0
- Duration: 0.386190 seconds

## First Test

```
[Test]
[TestCase("123.45", "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS")]
[TestCase("0.01", "ZERO DOLLARS AND ONE CENT")]
[TestCase("1000", "ONE THOUSAND DOLLARS")]
public void TestReturnV(string input, string expected)
{
    string result = NTW.ReturnV(input);
    Assert.AreEqual(expected, result);
}
```

- Status: Failed

- Error:

1.

Expected: "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS"

But was: " ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS" 2.

Expected: "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS"

But was: "ONE HUNDRED AND TWENTY-THREE DOLLARS AND FORTY-FIVE CENTS"

3.

Expected: "ZERO DOLLARS AND ONE CENT"

But was: " ZERO DOLLAR AND ONE CENT"

- Memo: When I test the ReturnV function on user side it works well and return appropriate values. However, it doesn't pass the test I provided. Will keep test and see what is the problem

## Second Test

```
[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

## Third Test

```
[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 Third Test

## Actions:

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