## NUnit Calculator Test - Code & Output

## 1. Test Code

```
using NUnit.Framework;
using CalcLibrary;
using System;
namespace CalculatorUnitTests
  [TestFixture]
  public class SimpleCalculatorTests
   private SimpleCalculator calc;
    [SetUp]
   public void Init()
      calc = new SimpleCalculator();
   }
    [TearDown]
   public void Cleanup()
      calc = null;
   }
    [Test]
    [TestCase(2, 3, 5)]
   [TestCase(-1, -1, -2)]
   public void Addition_ReturnsExpectedResult(double a, double b, double expected)
   {
      var result = calc.Addition(a, b);
      Assert.That(result, Is.EqualTo(expected));
   }
    [Test]
   public void Division_ByZero_ThrowsException()
      var ex = Assert.Throws<ArgumentException>(() => calc.Division(5, 0));
      Assert.That(ex.Message, Is.EqualTo("Second Parameter Can't be Zero"));
```

```
}
}
}
```

## 2. Test Output Screenshot

