

## 1. NUnit

### Code:

```
namespace CalcLibrary
{
    public class Calculator
    {
        public int Add(int a, int b)
        {
            return a + b;
        }
    }
}

using NUnit.Framework;
using CalcLibrary;

namespace CalculatorTests
{
    [TestFixture]
    public class CalculatorTests
    {
        private Calculator calc;

        [SetUp]
        public void SetUp()
        {
            calc = new Calculator();
        }

        [TearDown]
        public void TearDown()
        {
            calc = null;
        }

        [Test]
        [TestCase(2, 3, 5)]
        [TestCase(-1, -1, -2)]
        [TestCase(0, 0, 0)]
        public void Add_WhenCalled_ReturnsExpectedResult(int a, int b, int
expected)
        {
            var result = calc.Add(a, b);
            Assert.That(result, Is.EqualTo(expected));
        }
    }
}
```

```
[Test]
[Ignore("This test is skipped for now")]
public void SampleIgnoredTest()
{
    Assert.Fail("This test is ignored.");
}
}
```

### Output: