**NUNIT HANDSON**

**STEP 1**

Right-click the solution > Add > New Project.

Choose **"NUnit Test Project (.NET Framework)"**.

Name it: CalcLibrary.Tests

**STEP** **2**

Right-click the CalcLibrary.Tests project > Add > Reference.

Check the CalcLibrary project and click OK

**STEP 3**

using NUnit.Framework;

using CalcLibrary;

namespace CalcLibrary.Tests

{

[TestFixture]

public class CalculatorTests

{

private Calculator \_calculator;

[SetUp]

public void SetUp()

{

// Initialize Calculator object before each test

\_calculator = new Calculator();

}

[TearDown]

public void TearDown()

{

// Cleanup if needed

\_calculator = null;

}

[Test]

[TestCase(2, 3, 5)]

[TestCase(-1, -2, -3)]

[TestCase(0, 0, 0)]

[TestCase(100, 50, 150)]

public void Add\_WhenCalled\_ReturnsSum(int a, int b, int expected)

{

var result = \_calculator.Add(a, b);

Assert.That(result, Is.EqualTo(expected));

}

}

}