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NUnit Exercise**

**Calculator.cs**

namespace CalcLibrary

{

public class Calculator

{

public int Add(int a, int b)

{

return a + b;

}

}

}

**UnitTest1.cs**

using NUnit.Framework;

using CalcLibrary;

namespace CalcLibrary.Tests

{

[TestFixture]

public class CalculatorTests

{

private Calculator calc;

[SetUp]

public void Setup()

{

calc = new Calculator();

}

[Test]

[TestCase(2, 3, 5)]

[TestCase(10, 15, 25)]

[TestCase(-5, 5, 0)]

public void Add\_ShouldReturnCorrectResult(int a, int b, int expected)

{

int result = calc.Add(a, b);

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

}

}

}

**OUTPUT**

