

```
1 using NUnit.Framework;
2 using cl;
3
4 namespace Counter_test
5 {
6     public class Tests
7     {
8         [SetUp]
9         public void Setup()
10        {
11        }
12
13        [Test]
14        public void Test1()
15        {
16            Assert.Pass();
17        }
18
19        [Test]
20        public void Counter_InitializesAtZero()
21        {
22            var counter = new Counter("Test");
23            Assert.That(counter.Ticks, Is.EqualTo(0));
24        }
25
26        [Test]
27        public void Counter_Increment_AddsOne()
28        {
29            var counter = new Counter("Test");
30            counter.Increment();
31            Assert.That(counter.Ticks, Is.EqualTo(1));
32        }
33
34        [Test]
35        public void Counter_Increment_MultipleTimes()
36        {
37            var counter = new Counter("Test");
38            for (int i = 0; i < 5; i++) counter.Increment();
39            Assert.That(counter.Ticks, Is.EqualTo(5));
40        }
41
42        [Test]
43        public void Counter_Reset_SetsToZero()
44        {
45            var counter = new Counter("Test");
46            counter.Increment();
47            counter.Increment();
48            counter.Reset();
49            Assert.That(counter.Ticks, Is.EqualTo(0));
50        }
51    }
52 }
53
```