

```
1 using CounterTask;
2
3 namespace TestCounter
4 {
5     public class Tests
6     {
7         public Counter counter;
8         [SetUp]
9         public void Setup()
10        {
11            counter = new Counter("Test");
12        }
13        [Test]
14        public void TestTickInitial()
15        {
16            Assert.That(counter.Ticks, Is.EqualTo(0));
17        }
18
19        [Test]
20        public void TestIncrementAddOne()
21        {
22            counter.Increment();
23            Assert.That(counter.Ticks, Is.EqualTo(1));
24        }
25
26        [Test]
27        public void TestIncrement()
28        {
29            for (int i = 0; i < 5; i++)
30            {
31                counter.Increment();
32            }
33            Assert.That(counter.Ticks, Is.EqualTo(5));
34        }
35
36        [Test]
37        public void TestReset()
38        {
39            counter.Increment();
40            counter.Reset();
41            Assert.That(counter.Ticks, Is.EqualTo(0));
42        }
43    }
44 }
45
```