

```
1  using Iteration1;
2
3  namespace InventoryUnitTests
4  {
5      public class Tests
6      {
7          Inventory ivt;
8          Item sword;
9          Item ak47;
10
11         [SetUp]
12         public void Setup()
13         {
14             ivt = new Inventory();
15             sword = new Item(new string[] { "sword", "melee" }, "bronze"     ↴
16                         "sword", "Melee weapon. High damage.");
17             ak47 = new Item(new string[] { "ak47", "gun" }, "ak47", "Gun.    ↴
18                         High Damage.");
19             ivt.Put(sword);
20             ivt.Put(ak47);
21         }
22
23         [Test]
24         public void TestFindItem()
25         {
26             Assert.That(ivt.HasItem("sword"), Is.EqualTo(true));
27             Assert.Pass();
28         }
29
30         [Test]
31         public void TestNoItemFind()
32         {
33             Assert.That(ivt.HasItem("machine gun"), Is.EqualTo(false));
34             Assert.Pass();
35         }
36
37         [Test]
38         public void TestFetchItem()
39         {
40             Assert.That(ivt.Fetch("sword"), Is.EqualTo(sword));
41             Assert.That(ivt.HasItem("sword"), Is.EqualTo(true));
42             Assert.Pass();
43         }
44
45         [Test]
46         public void TestTakeItem()
47         {
48             Assert.That(ivt.Take("ak47"), Is.EqualTo(ak47));
49             Assert.That(ivt.HasItem("ak47"), Is.EqualTo(false));
50         }
51     }
52 }
```

```
48         Assert.Pass();
49     }
50
51     [Test]
52     public void TestItemList()
53     {
54         Assert.That(ivt.ItemList, Is.EqualTo("      a bronze sword      ↵
55             (sword)\n      a ak47 (ak47)\n"));
56         Assert.Pass();
57     }
58 }
```