

```
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 sword", "Melee weapon. High damage.");
16             ak47 = new Item(new string[] { "ak47", "gun" }, "ak47", "Gun. High Damage.");
17             ivt.Put(sword);
18             ivt.Put(ak47);
19         }
20
21         [Test]
22         public void TestFindItem()
23         {
24             Assert.That(ivt.HasItem("sword"), Is.EqualTo(true));
25             Assert.Pass();
26         }
27
28         [Test]
29         public void TestNoItemFind()
30         {
31             Assert.That(ivt.HasItem("machine gun"), Is.EqualTo(false));
32             Assert.Pass();
33         }
34
35         [Test]
36         public void TestFetchItem()
37         {
38             Assert.That(ivt.Fetch("sword"), Is.EqualTo(sword));
39             Assert.That(ivt.HasItem("sword"), Is.EqualTo(true));
40             Assert.Pass();
41         }
42
43         [Test]
44         public void TestTakeItem()
45         {
46             Assert.That(ivt.Take("ak47"), Is.EqualTo(ak47));
47             Assert.That(ivt.HasItem("ak47"), Is.EqualTo(false));
```

```
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 }
```