

```
1 using SwinAdventure;
2
3 namespace IdentifiableObjectTest
4 {
5     public class Tests
6     {
7         [SetUp]
8         public void Setup()
9         {
10
11         }
12
13         [Test]
14         public void TestAreYou()
15         {
16             IdentifiableObject obj = new IdentifiableObject(new string[] { "fred", "bob" });
17
18             bool result1 = obj.AreYou("fred");
19             bool result2 = obj.AreYou("bob");
20
21             Assert.IsTrue(result1);
22             Assert.IsTrue(result2);
23         }
24
25         [Test]
26         public void TestNotAreYou()
27         {
28             IdentifiableObject obj = new IdentifiableObject(new string[] { "fred", "bob" });
29
30             bool result1 = obj.AreYou("wilma");
31             bool result2 = obj.AreYou("boby");
32
33             Assert.IsFalse(result1);
34             Assert.IsFalse(result2);
35         }
36
37         [Test]
38         public void TestCaseSensitive()
39         {
40             IdentifiableObject obj = new IdentifiableObject(new string[] { "fred", "bob" });
41
42             bool result1 = obj.AreYou("FRED");
43             bool result2 = obj.AreYou("bOB");
44
45             Assert.IsTrue(result1);
46             Assert.IsTrue(result2);
```

```
47     }
48
49     [Test]
50     public void TestFirstID()
51     {
52         IdentifiableObject obj = new IdentifiableObject(new string[] { "fred", "bob" });
53
54         string firstID = obj.FirstId;
55
56         Assert.AreEqual("fred", firstID);
57     }
58
59     [Test]
60     public void TestFirstIDWithNoIDs()
61     {
62         IdentifiableObject obj = new IdentifiableObject(new string[] { });
63
64         string firstID = obj.FirstId;
65
66         Assert.AreEqual("", firstID);
67     }
68
69     [Test]
70     public void TestAddIdentifier()
71     {
72         IdentifiableObject obj = new IdentifiableObject(new string[] { "fred", "bob" });
73
74         obj.AddIdentifier("wilma");
75
76         Assert.IsTrue(obj.AreYou("fred"));
77         Assert.IsTrue(obj.AreYou("bob"));
78         Assert.IsTrue(obj.AreYou("wilma"));
79     }
80 }
81 }
```