

```
1 using System.Diagnostics.Contracts;
2 using SwinAdventure;
3
4 namespace SwinAdventureTest
5 {
6     public class IdentifiableObjectTest
7     {
8         IdentifiableObject id;
9         [SetUp]
10        public void Setup()
11        {
12            id = new IdentifiableObject(new string[] { "105565520", "
13                Hieu", "Truong"});
14        }
15        [Test]
16        public void TestAreYou()
17        {
18            Assert.That(id.AreYou("105565520"), Is.True);
19            Assert.That(id.AreYou("Hieu"), Is.True);
20        }
21        [Test]
22        public void TestNotAreYou()
23        {
24            Assert.That(id.AreYou("JoHn"), Is.False);
25            Assert.That(id.AreYou("JEnNIE"), Is.False);
26        }
27        [Test]
28        public void TestCaseSensitive()
29        {
30            Assert.That(id.AreYou("HieU"), Is.True);
31            Assert.That(id.AreYou("TrUOnG"), Is.True);
32        }
33        [Test]
34        public void TestFirstId()
35        {
36            Assert.That(id.AreYou("105565520"), Is.True);
37        }
38        [Test]
39        public void TestFirstIDWithNoIDs()
40        {
41            Assert.That(id.AreYou(""), Is.False);
42        }
43        [Test]
44        public void TestAddId()
45        {
46            id.AddIdentifier("Jennie");
47            Assert.That(id.AreYou("JenniE"), Is.True);
48        }
49        [Test]
```

```
49     public void TestPrivilegeEscalation()
50     {
51         id.PrivilegeEscalation("105565520");
52         Assert.That(id.FirstId, Is.EqualTo("COS20007"));
53     }
54 }
55 }
56
```