

```
1
2 namespace SwinAdventure
3 {
4     public class Tests
5     {
6         private IdentifiableObject _id;
7         private IdentifiableObject _id_blank;
8
9         [SetUp]
10        public void Setup()
11        {
12            _id = new IdentifiableObject(new string[] { "104776473",
13                "Thang", "Nguyen" });
14            _id_blank = new IdentifiableObject(new string[] {});
15
16            [Test]
17            public void TestAreYou()
18            {
19                Assert.IsTrue(_id.AreYou("104776473"));
20                Assert.IsTrue(_id.AreYou("Thang"));
21                Assert.IsTrue(_id.AreYou("Nguyen"));
22            }
23
24            [Test]
25            public void TestNotAreYou()
26            {
27                Assert.IsFalse(_id.AreYou("104776473"));
28            }
29
30            [Test]
31            public void TestCaseSensitive()
32            {
33                Assert.IsTrue(_id.AreYou("THaNg"));
34                Assert.IsTrue(_id.AreYou("nGUYEn"));
35            }
36
37            [Test]
38            public void TestFirstID()
39            {
40                Assert.IsTrue(_id.FirstId=="104776473");
41            }
42
43            [Test]
44            public void TestFirstIDWithNoIDs()
45            {
46                Assert.IsTrue(_id_blank.FirstId == "");
47            }
48
```

```
49     [Test]
50     public void TestAddID()
51     {
52         _id.AddIdentifier("Shinab");
53         _id.AddIdentifier("Faust");
54         Assert.IsTrue(_id.AreYou("Shinab"));
55         Assert.IsTrue(_id.AreYou("Faust"));
56     }
57
58     [Test]
59     public void TestPrivilegeEscalation()
60     {
61         _id.PrivilegeEscalation("6473");
62         Assert.IsTrue(_id.FirstId == "6473");
63     }
64 }
65 }
```