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