

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace SwinAdventure
8 {
9     public class IdentifiableObject
10    {
11        private List<string> _identifiers;
12
13        public IdentifiableObject(string[] idents)
14        {
15            _identifiers = new List<string>();
16            for(int i=0; i<idents.Length; i++)
17            {
18                _identifiers.Add(idents[i].ToLower());
19            }
20        }
21
22        public bool AreYou(string id)
23        {
24            if(_identifiers.Contains(id.ToLower()))
25            {
26                return true;
27            }
28            else
29            {
30                return false;
31            }
32        }
33
34        public string FirstId
35        {
36            get
37            {
38                if(_identifiers.Count==0)
39                {
40                    return "";
41                }
42                else
43                {
44                    return _identifiers.First();
45                }
46            }
47        }
48
49        public void AddIdentifier(string id)
```

```
50     {
51         _identifiers.Add(id.ToLower());
52     }
53
54     public void PrivilegeEscalation(string pin)
55     {
56         if(pin == "6473")
57         {
58             _identifiers[0] = "6473";
59         }
60     }
61 }
62 }
63
```