

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace _4._2P
8 {
9     public class IdentifiableObject
10    {
11        private List<string> _identifiers = new List<string>();
12        public IdentifiableObject(string[] identifiers)
13        {
14
15
16            foreach (string id in identifiers)
17            {
18                AddIdentifier(id);
19            }
20        }
21
22        public void AddIdentifier(string identifier)
23        {
24            _identifiers.Add(identifier.ToLower());
25        }
26
27        public bool AreYou(string identifier)
28        { return _identifiers.Contains(identifier.ToLower()); }
29
30        public string FirstId
31        {
32            get
33            {
34                if (_identifiers.Count > 0)
35                {
36                    return _identifiers[0];
37                }
38                else
39                {
40                    return "";
41                }
42            }
43        }
44
45
46
47        public void PrivilegeEscalation(string pin)
48        {
49            if (pin == "2183" && _identifiers.Count > 0)
50            {
51                _identifiers[0] = "7";
52            }
53        }
54    }
55 }
```

```
54     }  
55 }  
56
```