

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Iteration4
8 {
9     public class IdentifiableObject
10    {
11        private List<string> _identifiers;
12
13        public IdentifiableObject(string[] idents)
14        {
15            _identifiers = new List<string>();
16            foreach (string ident in idents)
17            {
18                _identifiers.Add(ident.ToLower());
19            }
20
21        }
22
23        public bool AreYou(string name)
24        {
25            foreach (string idents in _identifiers)
26            {
27                if (idents.ToLower() == name.ToLower())
28                {
29                    return true;
30                }
31            }
32
33            return false;
34        }
35
36        public string FirstID
37        {
38            get
39            {
40                if (_identifiers.Count == 0)
41                {
42                    return "";
43                }
44                else
45                {
46                    return _identifiers.First();
47                }
48            }
49        }
50    }
51 }
```

```
50         }  
51     }  
52  
53     public void AddIdentifier(string id)  
54     {  
55         _identifiers.Add(id.ToLower());  
56     }  
57 }  
58 }  
59
```