

```
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 Bag : Item, IHaveInventory
10    {
11        private Inventory _inventory;
12        public Bag(string[] ids, string name, string desc):base(ids, name,
13            desc)
14        {
15            _inventory = new Inventory();
16        }
17        public GameObject Locate(string id)
18        {
19            if (AreYou(id))
20            {
21                return this;
22            }
23            else
24            {
25                return _inventory.Fetch(id);
26            }
27        }
28        public override string FullDescription
29        {
30            get
31            {
32                return $"In the {this.name} you can see:\n" +
33                    _inventory.ItemList;
34            }
35        }
36        public Inventory Inventory
37        {
38            get { return _inventory; }
39        }
40    }
41 }
42
```