

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using SwinAdventure;
7
8 namespace SwinAdventure
9 {
10     public class Inventory
11     {
12         public IEnumerable<Item> Items => _items;
13         //Attributes
14         private List<Item> _items;
15         //Constructor & Methods
16         public Inventory()
17         {
18             _items = new List<Item>();
19         }
20         public bool HasItem(string id)
21         {
22             foreach (Item item in _items)
23             {
24                 if (item.AreYou(id))
25                 {
26                     return true;
27                 }
28             }
29             return false;
30         }
31         public void Put(Item item)
32         {
33             _items.Add(item);
34         }
35         public Item Take(string id)
36         {
37             Item itemToTake = null;
38             foreach (Item item in _items)
39             {
40                 if (item.AreYou(id))
41                 {
42                     itemToTake = item;
43                     break;
44                 }
45             }
46
47             if (itemToTake != null)
48             {
49                 _items.Remove(itemToTake);
```

```
50         return itemToTake;
51     }
52     return null;
53 }
54 public Item Fetch(string id)
55 {
56     // THIS IS THE CRUCIAL CHANGE:
57     // It should find the item without removing it.
58     foreach (Item item in _items)
59     {
60         if (item.AreYou(id))
61         {
62             return item; // Found the item, return it
63         }
64     }
65     return null; // Item not found
66 }
67 public string ItemList
68 {
69     get
70     {
71         string itemList = "";
72         foreach (Item item in _items)
73         {
74             itemList += item.ShortDescription + "\n";
75         }
76         return itemList;
77     }
78 }
79 }
80 }
```