

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace _6._1P
8 {
9     public class Player : GameObject, IHaveInventory
10    {
11        private Inventory _inventory = new Inventory();
12
13        public Player(string name, string description) : base(new string [] { "me", "inventory" }, name, description) { } //name and
14        //des gotten from GameObject
15        //help the class identify itself and its item, 3 batteries, 2
16        //from GO and 1 from IO
17        public GameObject Locate(string id)
18        {
19            if (AreYou(id))
20            {
21                return this; //return then player object itself
22            }
23            return _inventory.Fetch(id);
24            //searches the inventory for an item with the given
25            //identifier and returns it if found. If no item matches, it
26            //returns null.
27        }
28
29        public override string FullDescription
30        {
31            get
32            {
33                return $"You are {Name}, {base.FullDescription}\nYou are
34                carrying:\n{_inventory.ItemList}";
35            }
36        }
37
38        public Inventory Inventory { get { return _inventory; } }
```