

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7
8 namespace SwinAdventure
9 {
10     public class LookCommand : Command
11     {
12         public LookCommand() : base(new string[] { "look" })
13         {
14         }
15
16         public override string Execute(Player p, string[] text)
17         {
18             IHaveInventory container = null;
19             if (text.Length != 3 && text.Length != 5)
20             {
21                 return "I don't know how to look like that";
22             }
23             else if (text[0] != "look")
24             {
25                 return "Error in look input";
26             }
27             else if (text[1] != "at")
28             {
29                 return "What do you want to look at?";
30             }
31             else if (text.Length == 5 && text[3] != "in")
32             {
33                 return "What do you want to look in?";
34             }
35             else if (text.Length == 3)
36             {
37                 if (text[2].ToLower() == "inventory")
38                 {
39                     return p.FullDescription;
40                 }
41                 else
42                 {
43                     container = p;
44                 }
45             }
46             else if (text.Length == 5)
47             {
48                 container = FetchContainer(p, text[4]);
49                 if (container == null)
```

```
50         {
51             return "I cannot find the " + text[4];
52         }
53     }
54     string itemId = text[2];
55     return LookAtIn(itemId, container);
56
57 }
58
59 private IHaveInventory FetchContainer(Player p, string containerId)
60 {
61     GameObject obj = p.Locate(containerId);
62     IHaveInventory container = obj as IHaveInventory;
63     if (container == null)
64     {
65         return null;
66     }
67     else
68     {
69         return container;
70     }
71 }
72
73 private string LookAtIn(string thingId, IHaveInventory container)
74 {
75     GameObject thing = container.Locate(thingId);
76     if (thing == null)
77     {
78         return "I cannot find the " + thingId + " in " + container.Name;
79     }
80     else
81     {
82         return thing.FullDescription;
83     }
84 }
85 }
86 }
87
```