

SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

Case Study - Iteration 5 - Tying it Together

PDF generated at 03:47 on Thursday 5th October, 2023

```
1  using System;
2  using System.Numerics;
3
4  namespace Iteration5
5  {
6      class Program
7      {
8
9          public static void Main(string[] args)
10         {
11             Console.WriteLine("Enter the name of your player: ");
12             string name = Console.ReadLine();
13
14
15             Console.WriteLine("Enter the description of your player: ");
16             string description = Console.ReadLine();
17             Player p = new Player(name, description);
18
19             Item gem = new Item(new string[] { "gem" }, "gem", "A bright red");
20             Item sword = new Item(new string[] { "sword" }, "sword", "A Big bronze
↪ sword");
21             p.Inv.Put(gem);
22             p.Inv.Put(sword);
23             Bag b = new Bag(new string[] { "bag" }, "bag", "That is a leather bag");
24             p.Inv.Put(b);
25
26             Item box = new Item(new string[] { "box" }, "box", "big");
27             b.Inv.Put(box);
28
29             bool exit = false;
30             LookCommand look = new LookCommand();
31             while (!exit)
32             {
33                 Console.WriteLine("\nType your command:");
34                 string command = Console.ReadLine();
35                 if (command == "exit")
36                 {
37                     exit = true;
38
39                 }
40                 else
41                 {
42                     Console.WriteLine(look.Execute(p, command.Split()));
43                 }
44             }
45
46         }
47     }
48 }
49
50
51
```

