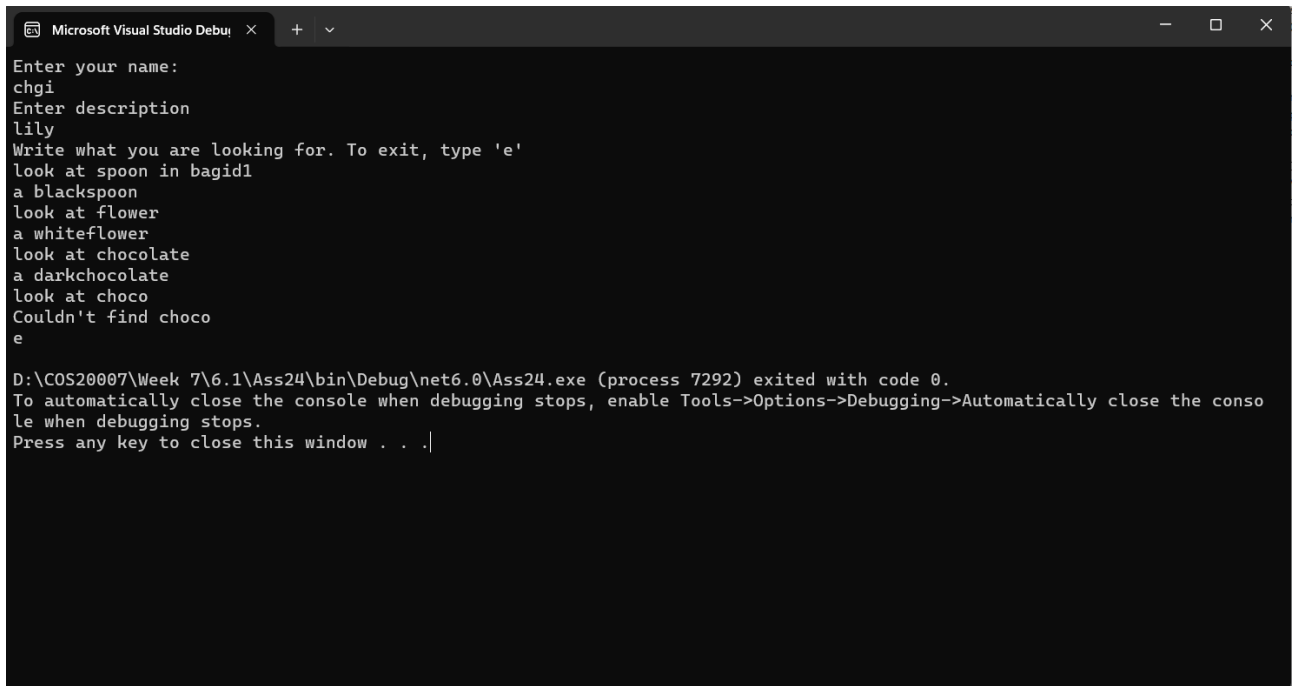SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

Case Study - Iteration 5 - Tying it Together

PDF generated at 23:43 on Wednesday 18th October, 2023

```
1  namespace Ass24
2  {
3      public class Run
4      {
5          public static void Main(string[] args)
6          {
7              Console.WriteLine("Enter your name:");
8              string name = Console.ReadLine();
9              Console.WriteLine("Enter description");
10             string desc = Console.ReadLine();
11             Item item1 = new Item(new string[] { "white", "flower" }, "white flower",
    "a whiteflower");
12             Item item2 = new Item(new string[] { "dark", "chocolate" }, "dark
    chocolate", "a darkchocolate");
13             Player player = new Player(name, desc);
14             player.Inventory.Put(item1);
15             player.Inventory.Put(item2);
16             Bag bag = new Bag(new string[] { "bagid1", "bagid2" }, name, desc);
17             Item item3 = new Item(new string[] { "black", "spoon" }, "black spoon",
    "a blackspoon");
18             bag.Inventory.Put(item3);
19             player.Inventory.Put(bag);
20             string input = "";
21             Console.WriteLine("Write what you are looking for. To exit, type 'e' ");
22             while (true)
23             {
24                 input = Console.ReadLine();
25                 if (input == "e")
26                 {
27                     break;
28                 }
29                 else
30                 {
31                     LookCommand look = new LookCommand();
32                     string[] words = input.Split(' ');
33                     Console.WriteLine(look.Execute(player, words));
34                 }
35
36             }
37
38
39         }
40     }
41 }
```

Microsoft Visual Studio Debug   ✕   +   ⌄   —   ☐   ✕

```
Enter your name:
chgi
Enter description
lily
Write what you are looking for. To exit, type 'e'
look at spoon in bagid1
a blackspoon
look at flower
a whiteflower
look at chocolate
a darkchocolate
look at choco
Couldn't find choco
e

D:\COS20007\Week 7\6.1\Ass24\bin\Debug\net6.0\Ass24.exe (process 7292) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso
le when debugging stops.
Press any key to close this window . . .
```