

```
1  using System.Runtime.InteropServices;
2
3  namespace Iteration1
4  {
5      internal class Program
6      {
7          static void Main(string[] args)
8          {
9              Console.WriteLine("Player name: ");
10             string name = Console.ReadLine();
11             Console.WriteLine("Player description: ");
12             string desc_ = Console.ReadLine();
13             Player player = new Player(name, desc_);
14
15             Item sword = new Item(new string[] { "sword" }, "sword", "Short ↵
16                                         range weapon!");
16             Item ak47 = new Item(new string[] { "ak47" }, "ak47", "Average ↵
17                                         range weapon with high damage!");
18
18             player.Inventory.Put(sword);
19             player.Inventory.Put(ak47);
20
21             Item grenade = new Item(new string[] { "grenade" }, "grenade", ↵
22                                         "Extreme damage and short range weapon!");
22             Bag bag1 = new Bag(new string[] { "bag1" }, "bag1", "");
23             bag1.Inventory.Put(grenade);
24             player.Inventory.Put(bag1);
25
26             Location location = new Location(new string[] { "military ↵
27                                         base" }, "military base", "large area");
27             Path _northpath = new Path(new string[] { "north" }, ↵
28                                         "hospital", "this is a hospital");
28
29             location.AddPath(_northpath);
30             player.CurrentLocation = location;
31
32             while (true)
33             {
34                 Console.WriteLine("Command -> ");
35                 string command = Console.ReadLine();
36                 CommandProcessor selected_command = new CommandProcessor();
37                 string message = selected_command.Execute(player, new ↵
38                                         string[] {command});
38                 Console.WriteLine(message);
39             }
40         }
41     }
42 }
```