

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using SwinAdventure;
7
8 namespace SwinAdventure
9 {
10     public class MoveCommand : Command
11     {
12         public MoveCommand() : base(new string[] { "move", "go", "head",
13             "leave" })
14         {
15         }
16         public override string Execute(Player p, string[] text)
17         {
18             // Validate the primary command verb
19             if (!IsMoveCommand(text[0].ToLower()))
20             {
21                 return "I don't know how to move like that."; // Or "I
22                     don't know where to go"
23             }
24             // Handle "move" (without direction)
25             if (text.Length == 1)
26             {
27                 return "Where do you want to go?";
28             }
29             // Handle correct format "move <direction>"
30             if (text.Length == 2)
31             {
32                 string nextLocation = text[1].ToLower();
33                 return MoveTo(nextLocation, p);
34             }
35             // Handle any other invalid lengths (e.g., "move north east")
36             return "I don't know where to go.";
37         }
38         private bool IsMoveCommand(string command)
39         {
40             return command == "move" || command == "go" || command ==
41                 "head" || command == "leave";
42         }
43         private string MoveTo(string NewLocation, Player p)
44         {
45             Paths path = p.Location.FindPath(NewLocation);
```

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47
48         if (path == null)
49         {
50             return $"Could not find the {NewLocation}";
51         }
52         else
53         {
54             p.Move(path);
55             return $"You have moved {path.FirstId} to the
                    {p.Location.Name}...\n{p.Location.FullDescription}\n
                    {p.Location.PathList}";
56         }
57     }
58 }
59 }
60
```