

```
1 using SwinAdventure;
2
3 namespace MoveCommandTest
4 {
5     public class MoveCommandTest
6     {
7         Command _moveCommand;
8         Player _player;
9         Locations _location, _destination;
10        Paths _path, _returnPath;
11
12        [SetUp]
13        public void Setup()
14        {
15            _moveCommand = new MoveCommand();
16            _player = new Player("Sen", "luv ur mom");
17            _location = new Locations("Location", "A location");
18            _destination = new Locations("Destination", "A destination");
19            _path = new Paths(new string[] { "north" }, "Path", "A path
                from the source to the destination.", _location,
                _destination);
20            _returnPath = new Paths(new string[] { "south" }, "Path", "A
                path from the source to the destination.", _destination,
                _location);
21            _location.AddPath(_path);
22            _destination.AddPath(_returnPath);
23            _player.Location = _location;
24        }
25
26        [Test]
27        public void MoveToDestinationTest()
28        {
29            string[] text = new string[] { "move", "to", "north" };
30            Assert.AreEqual("You moved to Destination.\n",
                _moveCommand.Execute(_player, text));
31        }
32
33        [Test]
34        public void MoveToLockedPathTest()
35        {
36            _path.IsLocked = true;
37            string[] text = new string[] { "move", "to", "north" };
38            Assert.AreEqual("The path is blocked.", _moveCommand.Execute
                (_player, text));
39        }
40
41        [Test]
42        public void MoveToInvalidPathTest()
43        {
```

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44         string[] text = new string[] { "move", "to", "east" };
45         Assert.AreEqual("I don't know how to move that.",
                        _moveCommand.Execute(_player, text));
46     }
47
48     [Test]
49     public void MoveAndReturnTest()
50     {
51         string[] text = new string[] { "move", "to", "north" };
52         _moveCommand.Execute(_player, text);
53         text = new string[] { "move", "to", "south" };
54         Assert.AreEqual("You moved to Location.\n",
                        _moveCommand.Execute(_player, text));
55     }
56 }
57 }
58
```