

```
1  /*
2  * Title:    Room
3  * Author:   Paul McKillop
4  * Date:    November 2020
5  * Purpose: Class to manage room dimension data
6  */
7
8  namespace FlooringCalculator.Models
9  {
10     public class Room
11     {
12         public decimal RoomWide { get; set; }
13
14
15
16
17         public decimal RoomLong { get; set; }
18
19         /*
20         * private scope: encapsulated property.
21         * Used as a demonstration of technique. We don't really
22         * need an encapsulated property as we aren't doing anything with it
23         * that needs to be protected from outside access
24         */
25         private decimal cutout1Wide;
26
27         public decimal Cutout1Wide
28         {
29             get => cutout1Wide;
30             set => cutout1Wide = value;
31         }
32
33         private decimal cutout1Long;
34
35         public decimal Cutout1Long
36         {
37             get => cutout1Long;
38             set => cutout1Long = value;
39         }
40
41         private decimal cutout2Wide;
42
43         public decimal Cutout2Wide
44         {
45             get => cutout2Wide;
46             set => cutout2Wide = value;
47         }
48
49         private decimal cutout2Long;
50
51         public decimal Cutout2Long
52         {
53             get => cutout2Long;
54             set => cutout2Long = value;
55         }
56
57     }
58 }
59
60
```