```csharp
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6
7  namespace assignment_2
8  {
9      public enum RoomType { SingleRoom, QueenStudio, KingStudio, TwoBedroomUnit, ⮑
           LuxurySuite }
10     class HotelRoom
11     {
12
13         private int _roomNumber;
14         private int _floor;
15         private RoomType _typeOfRoom;
16         private bool _riverView;
17         private decimal _rate;
18         private bool _booked;
19
20         public HotelRoom(int roomNumber,int floor,RoomType typeOfRoom, bool      ⮑
            riverView,decimal rate, bool booked)
21         {
22             _roomNumber = roomNumber;
23             _floor = floor;
24             _typeOfRoom = typeOfRoom;
25             _riverView = riverView;
26             _rate = rate;
27             _booked = booked;
28         }
29
30
31
32
33         public int roomNumber
34         {
35             get { return _roomNumber; }
36         }
37         public int floor
38         {
39             get { return _floor; }
40             set
41             {
42                 _floor = value;
43             }
44         }
45         public RoomType typeOfRoom
46         {
47             get { return _typeOfRoom; }
48             set
49             {
50                 _typeOfRoom = value;
51             }
52         }
53         public bool riverView
54         {
```

```csharp
55              get { return _riverView; }
56              set { _riverView = value; }
57          }
58      public decimal rate
59      {
60              get { return _rate; }
61              set { _rate = value; }
62          }
63      public bool booked
64      {
65              get { return _booked; }
66              set { _booked = value; }
67          }
68      public override string ToString()
69      {
70              return roomNumber.ToString().PadRight(5)+floor.ToString().PadRight
                    (5) + typeOfRoom.ToString().PadRight(20) + riverView.ToString
                    ().PadRight(7) +rate.ToString().PadRight(7) +booked.ToString
                    ().PadRight(7);
71          }
72      }
73
74  }
75
```