

```
1 namespace HospitalManagementSystem
2 {
3     public class PatientRecord
4     {
5         public PatientRecord(string name, DateTime dob, string contact,
6             string[] symptoms, string treatment_plan, string assigned_staff)
7         {
8             Name = name;
9             DateOfBirth = dob;
10            Contact = contact;
11            Symptoms = symptoms;
12            TreatmentPlan = treatment_plan;
13            AssignedStaff = assigned_staff;
14        }
15
16        public void DisplayRecord()
17        {
18            Console.WriteLine($"Name: {Name}");
19            Console.WriteLine($"Date of Birth: {DateOfBirth:yyyy-MM-dd}");
20            Console.WriteLine($"Contact: {Contact}");
21            Console.WriteLine($"Symptoms: {string.Join(", ", Symptoms)}");
22            Console.WriteLine($"Treatment Plan: {TreatmentPlan}");
23            Console.WriteLine($"Assigned Medical Staff: {AssignedStaff}");
24        }
25
26        public string Name
27        {
28            get;
29            set;
30        }
31
32        public DateTime DateOfBirth
33        {
34            get;
35            set;
36        }
37
38        public string Contact
39        {
40            get;
41            set;
42        }
43
44        public string[] Symptoms
45        {
46            get;
47            set;
48        }
49
50        public string TreatmentPlan
51        {
52            get;
53            set;
54        }
55    }
56 }
```

```
49         }  
50         public string AssignedStaff  
51         {  
52             get;  
53             set;  
54         }  
55     }  
56 }  
57
```