

```
1 namespace HospitalManagementSystem
2 {
3     public class Cardiologist : Doctor
4     {
5         public Cardiologist(string name, string contact, DateTime dob,
6             string workingHours, string experience):base(name, contact, dob,
7             workingHours, experience)
8         {
9
10        public override void Diagnose()
11        {
12            Console.WriteLine($"{Name} (Cardiologist) is diagnosing a heart
13                condition.");
14        }
15        public override void ProvideTreatment()
16        {
17            Console.WriteLine($"{Name} (Cardiologist) is providing heart
18                treatment.");
19        }
20    }
21 }
```