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