```csharp
 1  namespace HospitalManagementSystem
 2  {
 3      public abstract class MedicalStaff : Person
 4      {
 5          protected MedicalStaff(string name, string contact, DateTime dob,  ⮡
              string working_hours, string experience)
 6              : base(name, contact, dob)
 7          {
 8              WorkingHours = working_hours;
 9              Experience = experience;
10          }
11
12          public string WorkingHours
13          {
14              get;
15              set;
16          }
17
18          public string Experience
19          {
20              get;
21              set;
22          }
23
24          public abstract void Diagnose();
25
26          public abstract void ProvideTreatment();
27      }
28  }
29
30
```