

```
1 using HospitalManagementSystem;
2
3 public class EmergencyDecorator : MedicalStaff
4 {
5     private MedicalStaff _medical_staff;
6
7     public EmergencyDecorator(MedicalStaff medical_staff) : base      ↗
        (medical_staff.Name, medical_staff.Contact, medical_staff.DOB,    ↗
        medical_staff.WorkingHours, medical_staff.Experience)
8     {
9         _medical_staff = medical_staff;
10    }
11
12    public override void Diagnose()
13    {
14        _medical_staff.Diagnose();
15        Console.WriteLine("Emergency handling diagnosis.");
16    }
17
18    public override void ProvideTreatment()
19    {
20        _medical_staff.ProvideTreatment();
21        Console.WriteLine("Emergency treatment provided.");
22    }
23 }
24
```