

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Exceptions
{
    class Time
    {
        int hour; int min; int sec;
        public Time(int h, int m, int s)
        {
            if (h < 0 || h > 23)
                //throw new HourException("Ilegal Hour", h);
                throw new Exception("Ilegal Hour");
            if (m < 0 || m > 59)
                throw new MinException("Ilegal Minute", m);
            if (s < 0 || s > 59)
                throw new SecException("Ilegal Second", s);
            this.hour = h;
            this.min = m;
            this.sec = s;
        }
    }
    class HourException : Exception
    {
        public int Hour;
        public HourException(String msg, int h) : base(msg)
        {
            this.Hour = h;
        }
    }
    class MinException : Exception
    {
        public int Min;
        public MinException(String msg, int m) : base(msg)
        {
            this.Min = m;
        }
    }
    class SecException : Exception
    {
        public int Sec;
        public SecException(String msg, int s) : base(msg)
        {
            this.Sec = s;
        }
    }
    class Program
    {
        static void Main(string[] args)
        {
            Time t;
            try
            {
```

```
try
{
    Console.WriteLine("Before");
    t = new Time(25, 90, 78);
    Console.WriteLine("After");
}
catch (HourException ex)
{
    Console.WriteLine(ex.Message);
    Console.WriteLine(ex.Hour);
}
catch (MinException ex)
{
    Console.WriteLine(ex.Message);
    Console.WriteLine(ex.Min);
}
catch (SecException ex)
{
    Console.WriteLine(ex.Message);
    Console.WriteLine(ex.Sec);
}
/*catch (Exception ex)
{
    Console.WriteLine(ex.Message);
}*/
finally
{
    Console.WriteLine("Always");
}
Console.WriteLine("OK");
}
catch (Exception ex)
{
    Console.WriteLine(ex.Message);
}
}
}
```