

```
//Laboratory Activity13
//Time Conversion Tool
```

```
using System;
using System.Linq;
using System.Collections.Generic;
```

```
namespace HelloWorld;
```

```
public static class Activity13
```

```
{
    public static void Main(String[] args)
    {
        int[] durations = new int[10];
        Console.WriteLine("Enter 10 durations in seconds:");

        for (int i = 0; i < 10; i++)
        {
            Console.Write("Duration " + (i + 1) + ": ");
            durations[i] = int.Parse(Console.ReadLine());
        }
        Console.WriteLine("\nSeconds   HH:MM:SS");
        Console.WriteLine("—————");

        for (int i = 0; i < 10; i++)
        {
            int hours = durations[i] / 3600;
            int minutes = (durations[i] % 3600) / 60;
            int seconds = durations[i] % 60;

            string formatted = $"{hours:D2}:{minutes:D2}:{seconds:D2}";
            Console.WriteLine(durations[i].ToString().PadRight(11) + formatted);
        }
    }
}
```