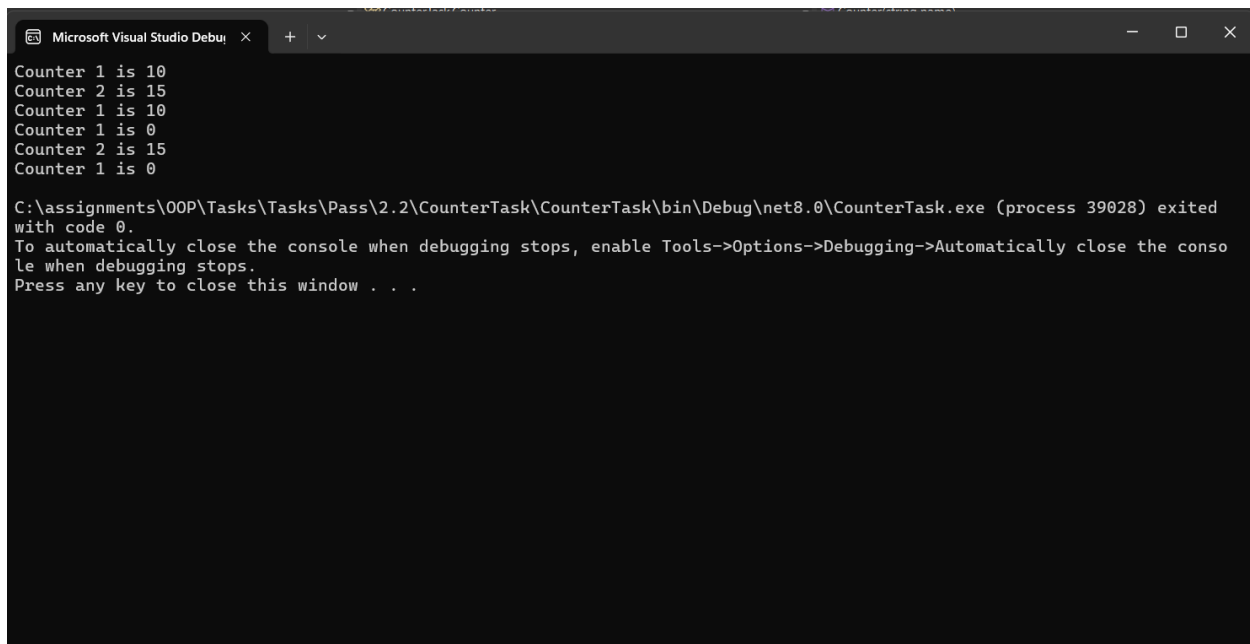


```
1 using System.Runtime.CompilerServices;
2 using System.Security.Cryptography.X509Certificates;
3
4 namespace CounterTask
5 {
6     public class Program
7     {
8         static void PrintCounts(Counter[] counters)
9         {
10             foreach (Counter c in counters)
11             {
12                 Console.WriteLine("{0} is {1}", c.Name, c.Ticks);
13             }
14         }
15         static void Main(string[] args)
16         {
17             Counter[] myCounter = new Counter[3];
18             myCounter[0] = new Counter("Counter 1");
19             myCounter[1] = new Counter("Counter 2");
20             myCounter[2] = myCounter[0];
21             for (int i = 0; i <= 9; i++)
22             {
23                 myCounter[0].Increment();
24             }
25             for (int i = 0; i <= 14; i++)
26             {
27                 myCounter[1].Increment();
28             }
29             PrintCounts(myCounter);
30             myCounter[2].Reset();
31             PrintCounts(myCounter);
32         }
33     }
34 }
35
```

```
1 using System;
2 using System.Collections.Generic;
3 using System.Diagnostics.Contracts;
4 using System.Linq;
5 using System.Security.Cryptography;
6 using System.Text;
7 using System.Threading.Tasks;
8
9 namespace CounterTask
10 {
11     public class Counter
12     {
13         private int _count;
14         private string _name;
15
16         public Counter(string name)
17         {
18             _name = name;
19             _count = 0;
20         }
21         public void Increment()
22         {
23             _count++;
24         }
25         public void Reset()
26         {
27             _count = 0;
28         }
29         public string Name
30         {
31             get
32             {
33                 return _name;
34             }
35             set
36             {
37                 _name = value;
38             }
39         }
40         public int Ticks
41         {
42             get { return _count; }
43         }
44     }
45 }
46
```

Output of the 2.2_Counter Task



```
Microsoft Visual Studio Debug Console
Counter 1 is 10
Counter 2 is 15
Counter 1 is 10
Counter 1 is 0
Counter 2 is 15
Counter 1 is 0

C:\assignments\OOP\Tasks\Tasks\Pass\2.2\CounterTask\CounterTask\bin\Debug\net8.0\CounterTask.exe (process 39028) exited
with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso
le when debugging stops.
Press any key to close this window . . .
```