

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using System.Windows;
7 using System.Windows.Controls;
8 using System.Windows.Data;
9 using System.Windows.Documents;
10 using System.Windows.Input;
11 using System.Windows.Media;
12 using System.Windows.Media.Imaging;
13 using System.Windows.Navigation;
14 using System.Windows.Shapes;
15
16 namespace HW3
17 {
18     /// <summary>
19     /// Interaction logic for MainWindow.xaml
20     /// </summary>
21     public partial class MainWindow : Window
22     {
23         public MainWindow()
24         {
25             InitializeComponent();
26         }
27         private void Button_Click(object sender, RoutedEventArgs e)
28         {
29             string num = textbox1.Text;
30             char[] delimiterChars = { ' ', ',', '.' };
31             string[] number = num.Split(delimiterChars);
32             int sum = 0;
33             foreach (var num1 in number)
34             {
35                 if (num1 != null)
36                 {
37                     for (int i = 0; i < number.Length; i++)
38                     {
39                         if (number[i] == num1)
40                         {
41                             sum++;
42                             number[i] = null;
43                         }
44                     }
45                     textbox2.Text += $"{num1} : {sum}";
46                     textbox2.Text += "\n";
47                     sum = 0;
48                 }
49             }
50         }
51     }
52 }
53
```