

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel.Design;
4 using System.Linq;
5 using System.Text;
6 using System.Threading.Tasks;
7 using static System.Console;
8
9 namespace HW002
10 {
11     internal class Program
12     {
13         static void Main(string[] args)
14         {
15             Console.WriteLine("Please enter word A:");
16             string a=Console.ReadLine();
17
18             while (string.IsNullOrEmpty(a))
19             {
20                 Console.WriteLine("null input detect, please enter word A  ↗
21                 again");
22                 a = Console.ReadLine();
23             }
24
25             Console.WriteLine("Please enter word B:");
26             string b = Console.ReadLine();
27
28             while (string.IsNullOrEmpty(b))
29             {
30                 Console.WriteLine("null input detect, please enter word B  ↗
31                 again");
32                 b = Console.ReadLine();
33             }
34
35             if (a.Length > b.Length)
36             {
37                 a = a + b;
38             }
39             else
40             {
41                 int midstr = a.Length / 2;
42                 a = a.Insert(midstr, b);
43             }
44
45             Console.WriteLine("Result: " + a);
46             Console.ReadLine();
47         }
48     }
49 }
```

48 }

49 }

50