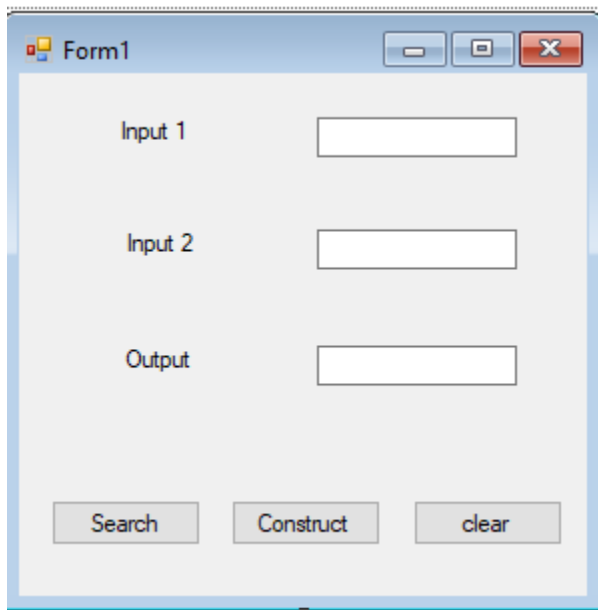


**7. Create ASP .NET web application with the above interface and if user clicks on “Search” button then following operation has to be done, From the Given two strings (from input1 and input2), return a new string, following the rules given below.**

**If string b occurs in string a, then the new string should concatenate the characters that appear before and after of String’s b. ignore cases where there is no character before or after the word, and a character may be included twice if it is in between two string b's.**

**DESIGN:**

The image shows a screenshot of a Windows application window titled "Form1". Inside the window, there are three text input fields arranged vertically. The first is labeled "Input 1", the second "Input 2", and the third "Output". Below these input fields, there are three buttons: "Search", "Construct", and "clear". The window has a standard Windows title bar with minimize, maximize, and close buttons.

**CODE:**

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Text;
using System.Text.RegularExpressions;

namespace partb7
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}
```

```

protected void Button1_Click(object sender, EventArgs e)
{
    string inp1, inp2, res = null;
    int pos = 0, pos1 = 0;
    inp1 = TextBox1.Text.Trim();
    inp2 = TextBox2.Text.Trim();
    if (inp1.IndexOf(inp2) > -1)
    {
        while (pos < inp1.Length && inp1.Length - pos > inp2.Length)
        {
            pos1 = inp1.IndexOf(inp2, pos) - 1;
            if (pos1 >= 0)
                res += inp1[pos1];
            if (pos1 + inp2.Length + 1 < inp1.Length)
                res += inp1[pos1 + inp2.Length + 1];
            pos = pos1 + inp2.Length + 1;
        }
        TextBox3.Text = res;
    }
    else
        TextBox3.Text = "input string doesnot exists";
}

```

```

protected void Button2_Click(object sender, EventArgs e)
{
    string inp1, inp2, res = null;
    inp1 = TextBox1.Text.Trim();
    inp2 = TextBox2.Text.Trim();
    for (int i = 0; i < inp1.Length; i++)
    {
        res += inp1[i];
        if (i < inp2.Length)
            res += inp2[i];
    }
    if (inp1.Length < inp2.Length)
        res += inp2.Substring(inp1.Length, inp2.Length - inp1.Length);
    TextBox3.Text = res;
}

```

```

protected void Button3_Click(object sender, EventArgs e)
{
    TextBox1.Text=TextBox2.Text=TextBox3.Text="";
}
}

```

### **OUTPUT:1**

Input 1	<input type="text" value="abcdefcdhycd"/>
Input 2	<input type="text" value="cd"/>
Output	<input type="text" value="befhy"/>
<input type="button" value="Search"/>	<input type="button" value="Construct"/> <input type="button" value="Clear"/>

### **OUTPUT:2**

Input 1	<input type="text" value="kumarkumar"/>
Input 2	<input type="text" value="kum"/>
Output	<input type="text" value="ara"/>
<input type="button" value="Search"/>	<input type="button" value="Construct"/> <input type="button" value="Clear"/>

### **OUTPUT:3**

Input 1	<input type="text" value="Hello"/>
Input 2	<input type="text" value="World"/>
Output	<input type="text" value="HWeolrlld"/>
<input type="button" value="Search"/>	<input type="button" value="Construct"/> <input type="button" value="Clear"/>