

```

using System;
using System.Collections.Generic;
delegate string StrDel(string str);
class TestDelegate
{
    // Define the multicast delegate
    private StrDel strMyDel;
    // Constructor
    public TestDelegate()
    {
        strMyDel = new StrDel(ChangeCase);
        strMyDel += Reverse;
    }
    // Method to change case of input characters
    private string ChangeCase(string str)
    {
        char[] arr = str.ToCharArray();
        for (int i = 0; i < arr.Length; i++)
        {
            if (Char.IsLower(arr[i]))
                arr[i] = Char.ToUpper(arr[i]);
            else
                arr[i] = Char.ToLower(arr[i]);
        }
        return new string(arr);
    }
    // Method to reverse the given string
    private string Reverse(string str)
    {
        char[] arr = str.ToCharArray();
        Array.Reverse(arr);
        return new string(arr);
    }
    // Method to invoke the delegate
    public string InvokeDelegate(string str)
    {
        return strMyDel(str);
    }
}
class Program
{
    static void Main(string[] args)
    {
        TestDelegate obj = new TestDelegate();
    }
}

```

```
string input = "Hello World!";  
Console.WriteLine("Original String: " + input);  
Console.WriteLine("Changed Case: " + obj.InvokeDelegate(input));  
Console.ReadKey();  
}  
}
```