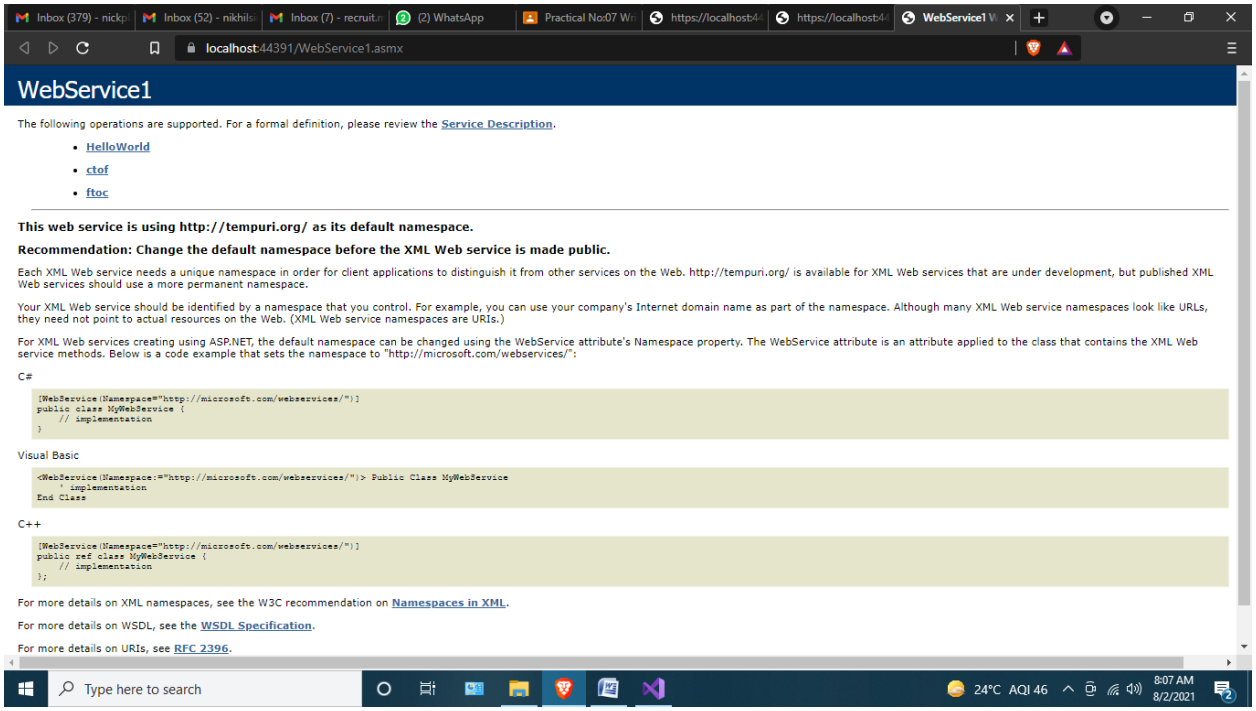
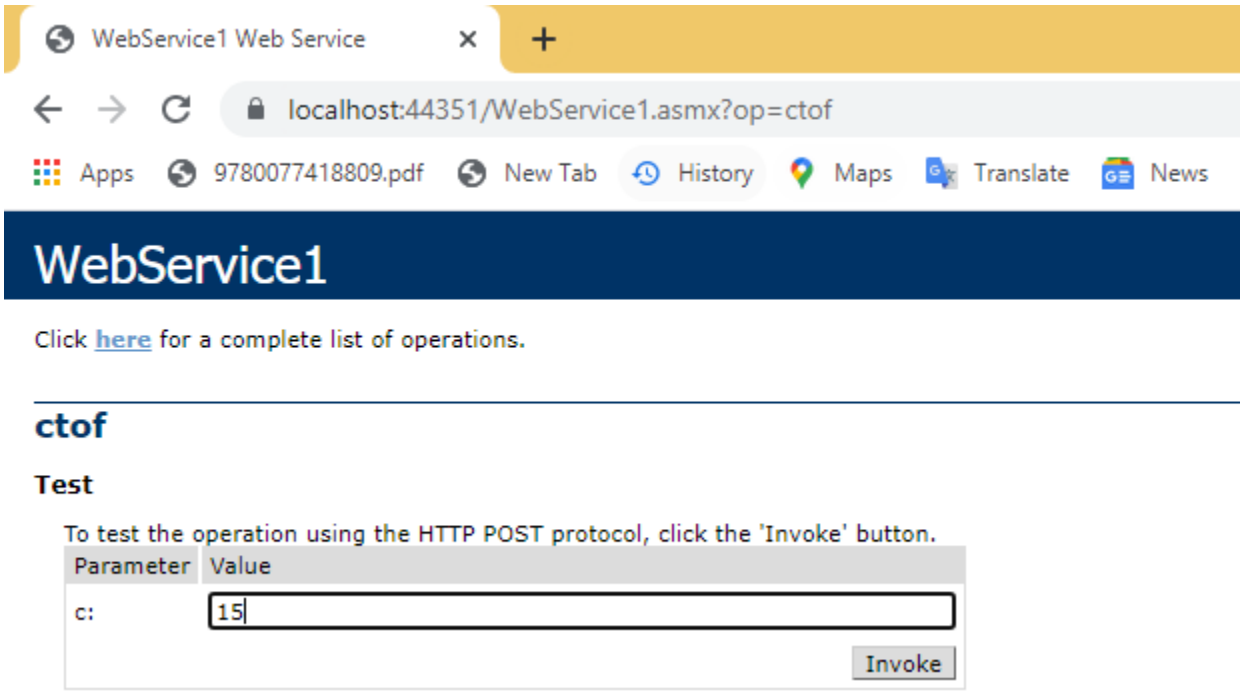
Code:

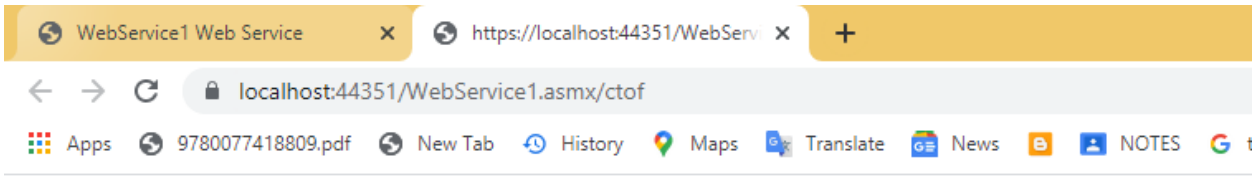
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Services;

namespace wspractical1
{
    /// <summary>
    /// Summary description for WebService1
    /// </summary>
    [WebService(Namespace = "http://tempuri.org/")]
    [WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1_1)]
    [System.ComponentModel.ToolboxItem(false)]
    // To allow this Web Service to be called from script, using ASP.NET AJAX, uncomment
the following line.
    // [System.Web.Script.Services.ScriptService]
    public class WebService1 : System.Web.Services.WebService
    {

        [WebMethod]
        public string HelloWorld()
        {
            return "Hello World";
        }
        [WebMethod]
        public double ctof (double c)
        {
            return ((c * 1.8)+32);
        }

        [WebMethod]
        public double ftoc (double f)
        {
            return ((f - 32) /1.8);
        }
    }
}
```

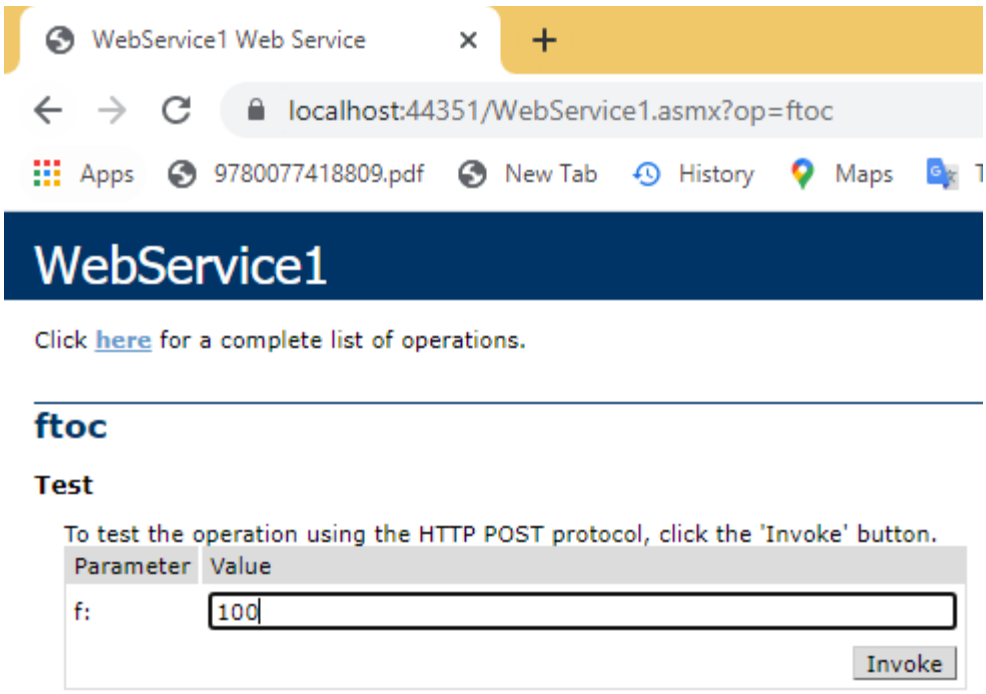
Output:

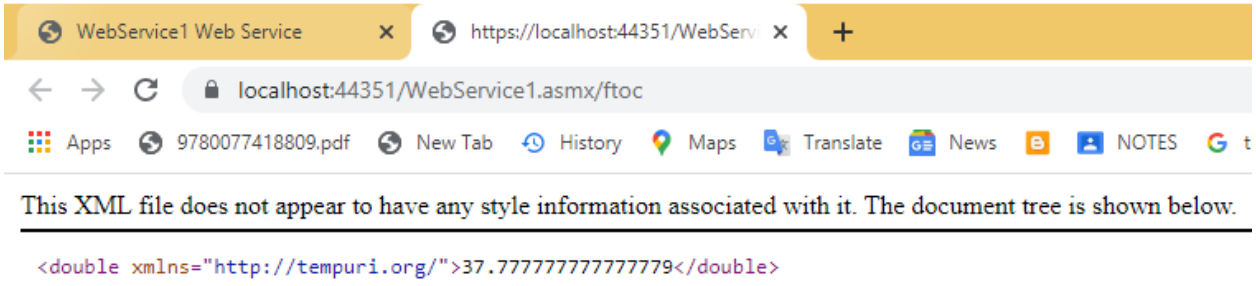

localhost:44391/WebService1.asmx
WebService1
The following operations are supported. For a formal definition, please review the Service Description.
HelloWorld
ctof
ftoc
This web service is using http://tempuri.org/ as its default namespace.
Recommendation: Change the default namespace before the XML Web service is made public.
Each XML Web service needs a unique namespace in order for client applications to distinguish it from other services on the Web. http://tempuri.org/ is available for XML Web services that are under development, but published XML Web services should use a more permanent namespace.
Your XML Web service should be identified by a namespace that you control. For example, you can use your company's Internet domain name as part of the namespace. Although many XML Web service namespaces look like URLs, they need not point to actual resources on the Web. (XML Web service namespaces are URIs.)
For XML Web services creating using ASP.NET, the default namespace can be changed using the WebService attribute's Namespace property. The WebService attribute is an attribute applied to the class that contains the XML Web service methods. Below is a code example that sets the namespace to "http://microsoft.com/webservices/":
C#
[WebService(Namespace="http://microsoft.com/webservices/")]
public class MyWebService {
// implementation
}
Visual Basic
<WebService(Namespace:="http://microsoft.com/webservices/")> Public Class MyWebService
' implementation
End Class
C++
[WebService(Namespace="http://microsoft.com/webservices/")]
public ref class MyWebService {
// implementation
};
For more details on XML namespaces, see the W3C recommendation on Namespaces in XML.
For more details on WSDL, see the WSDL Specification.
For more details on URIs, see RFC 2396.
Type here to search
24°C AQI 46
8:07 AM
8/2/2021


WebService1 Web Service
localhost:44351/WebService1.asmx?op=ctof
Apps
9780077418809.pdf
New Tab
History
Maps
Translate
News
WebService1
Click here for a complete list of operations.
ctof
Test
To test the operation using the HTTP POST protocol, click the 'Invoke' button.
Parameter
Value
c:
15
Invoke

Practical:1





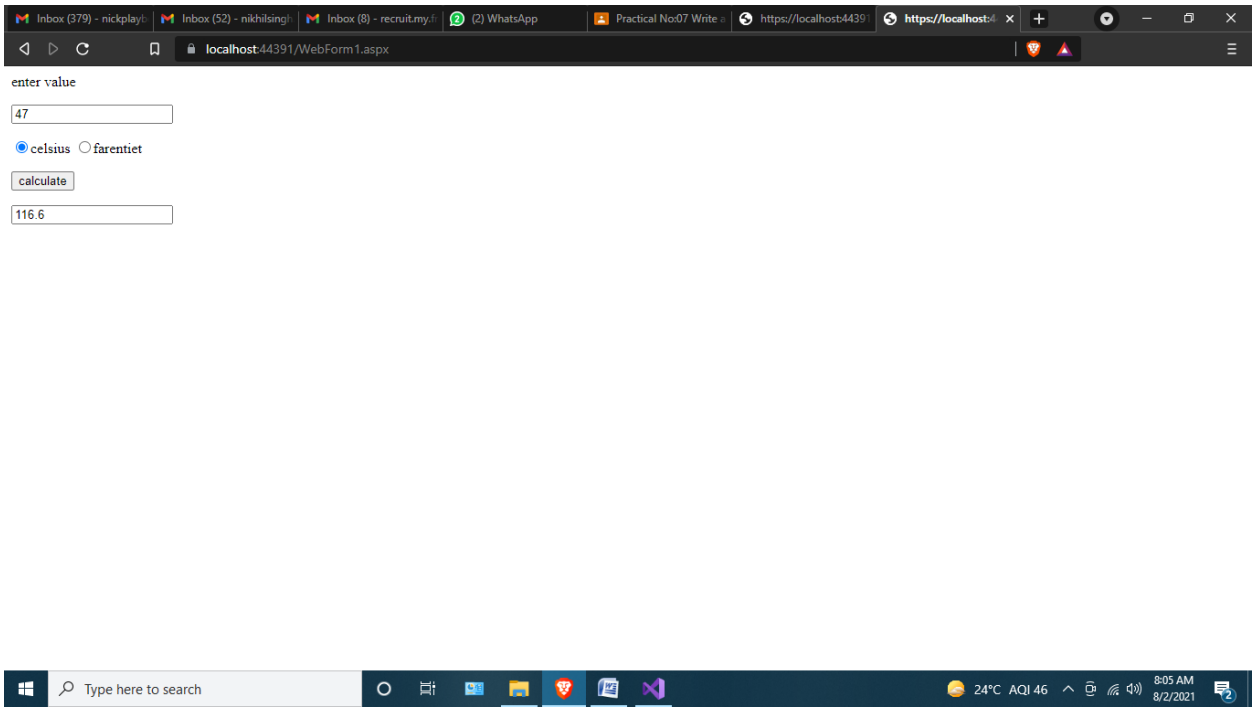


Webform1

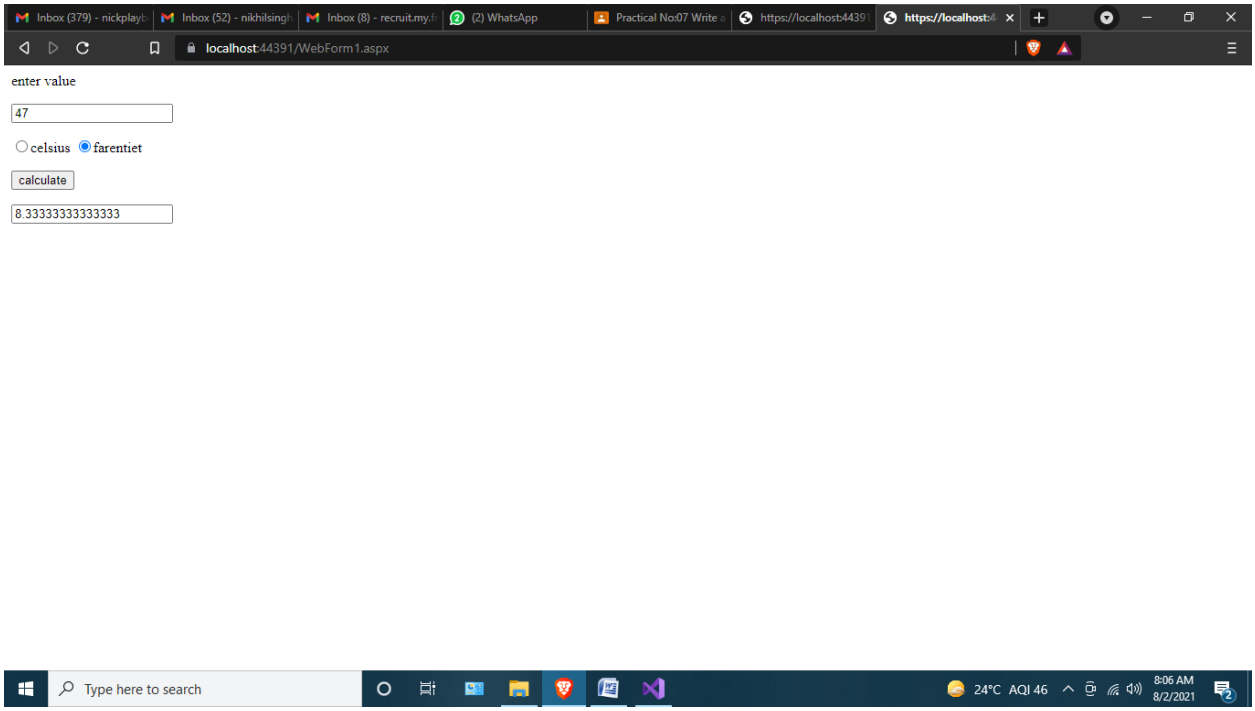
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
```

```
using System.Web.UI;
using System.Web.UI.WebControls;

namespace wspractical1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            WebService1 ws = new WebService1();

            if (Celcius.Checked)
            {
                TextBox2.Text = ws.ctof(Convert.ToDouble(TextBox1.Text)).ToString();
            }
            else if (Fahrenheit.Checked)
            {
                TextBox2.Text = ws.ftoc(Convert.ToDouble(TextBox1.Text)).ToString();
            }
        }

    }
}
```

Output:



Practical:1


Inbox (379) - nickplayl
Inbox (52) - nikhilsingh
Inbox (8) - recruit.my.fi
(2) WhatsApp
Practical No:07 Write a
https://localhost:4439
https://localhost:4
localhost:44391/WebForm1.aspx
enter value
47
celsius
farentiet
calculate
8.33333333333333
Type here to search
24°C AQI 46
8:06 AM
8/2/2021