

Consume ASCET web service with script in C# in Microsoft Visual Studio 2010



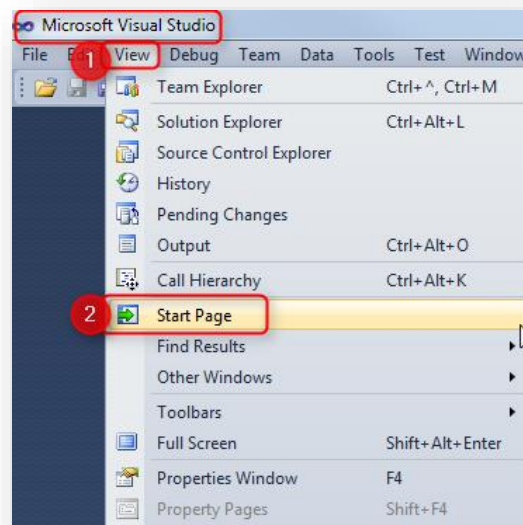
Question:

- I want to consume an ASCET web service via a script in C# in Microsoft Visual Studio 2010
- How to create a web service reference to ASCET web services in Visual Studio?

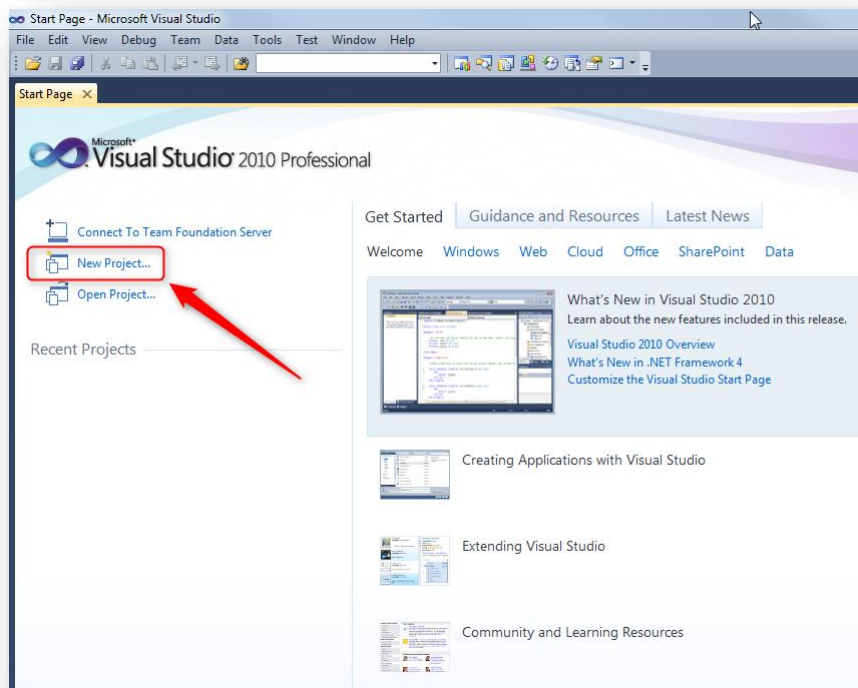


Answer:

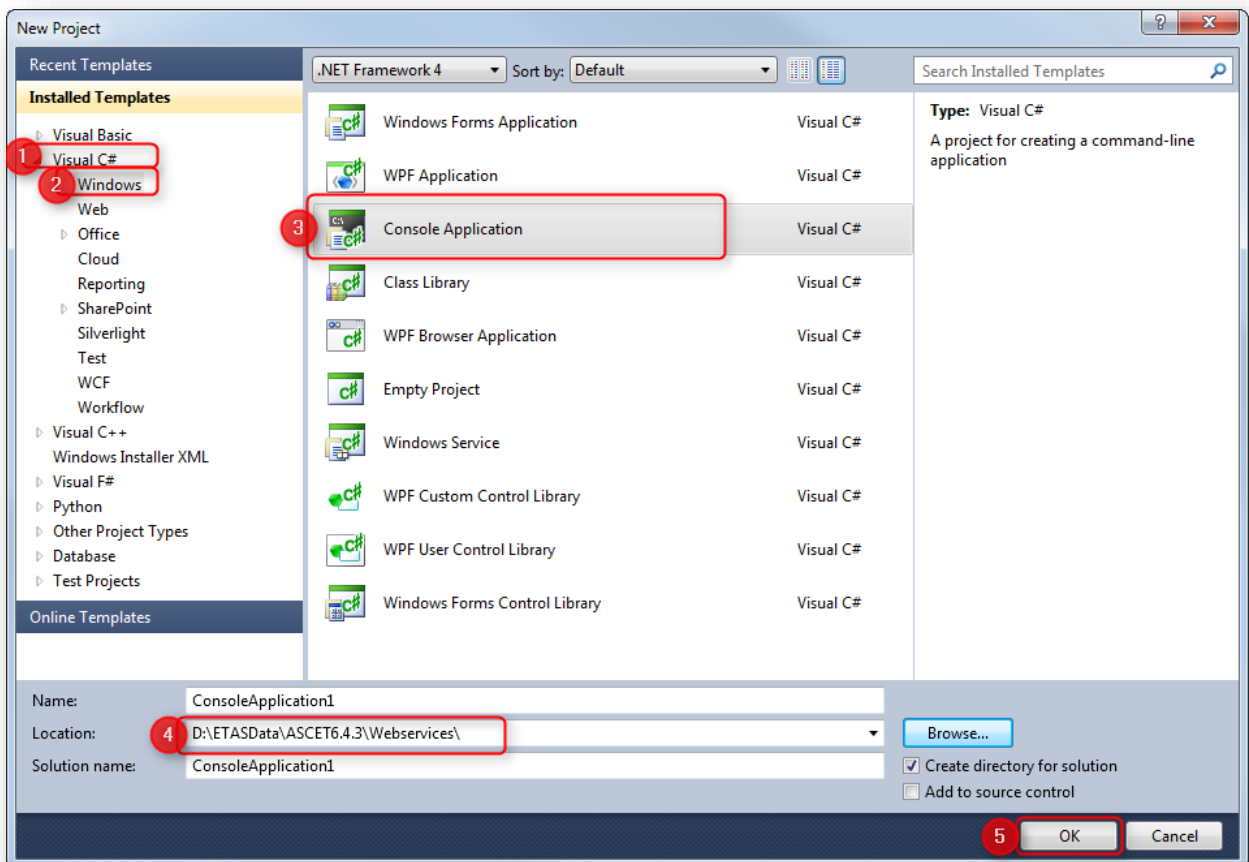
- In **Microsoft Visual Studio 2010** > Menu bar > **View** > **Start Page**



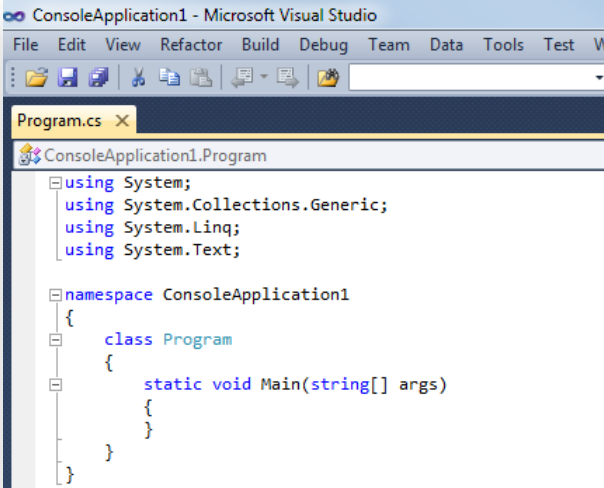
- Click on **New Project...**



- In dialog **New Project > Visual C# > Windows > Console Application**
- Select **location** and click button **OK**



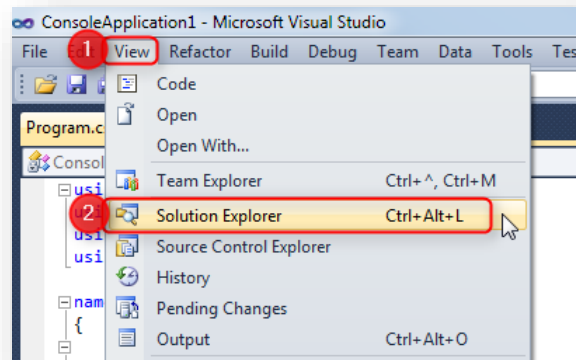
- Console application stub is generated



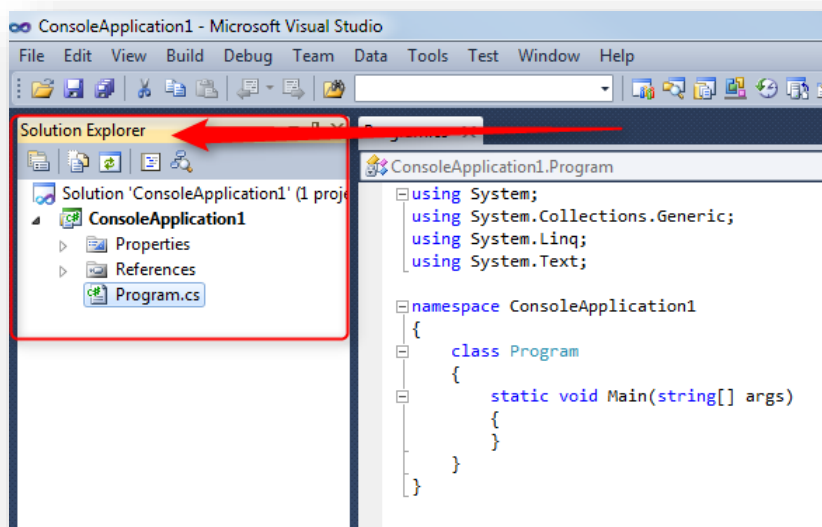
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
        }
    }
}
```

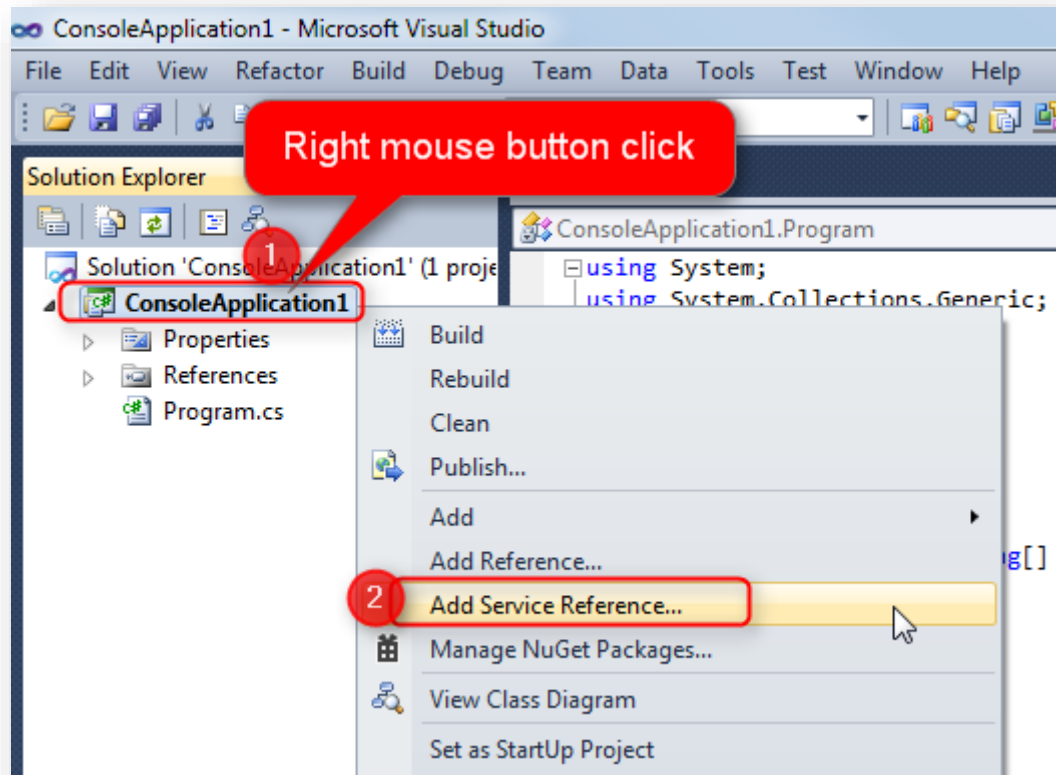
- In **Visual Studio** > Menu bar > **View** > **Solution Explorer**



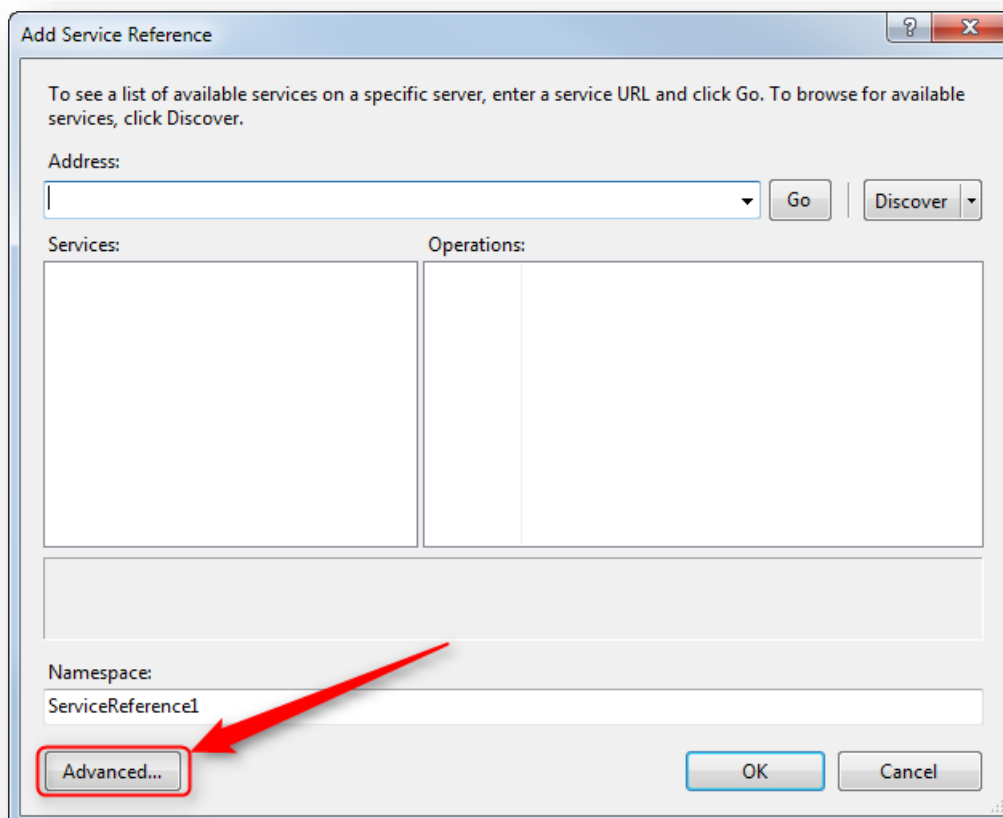
- Solution Explorer is displayed



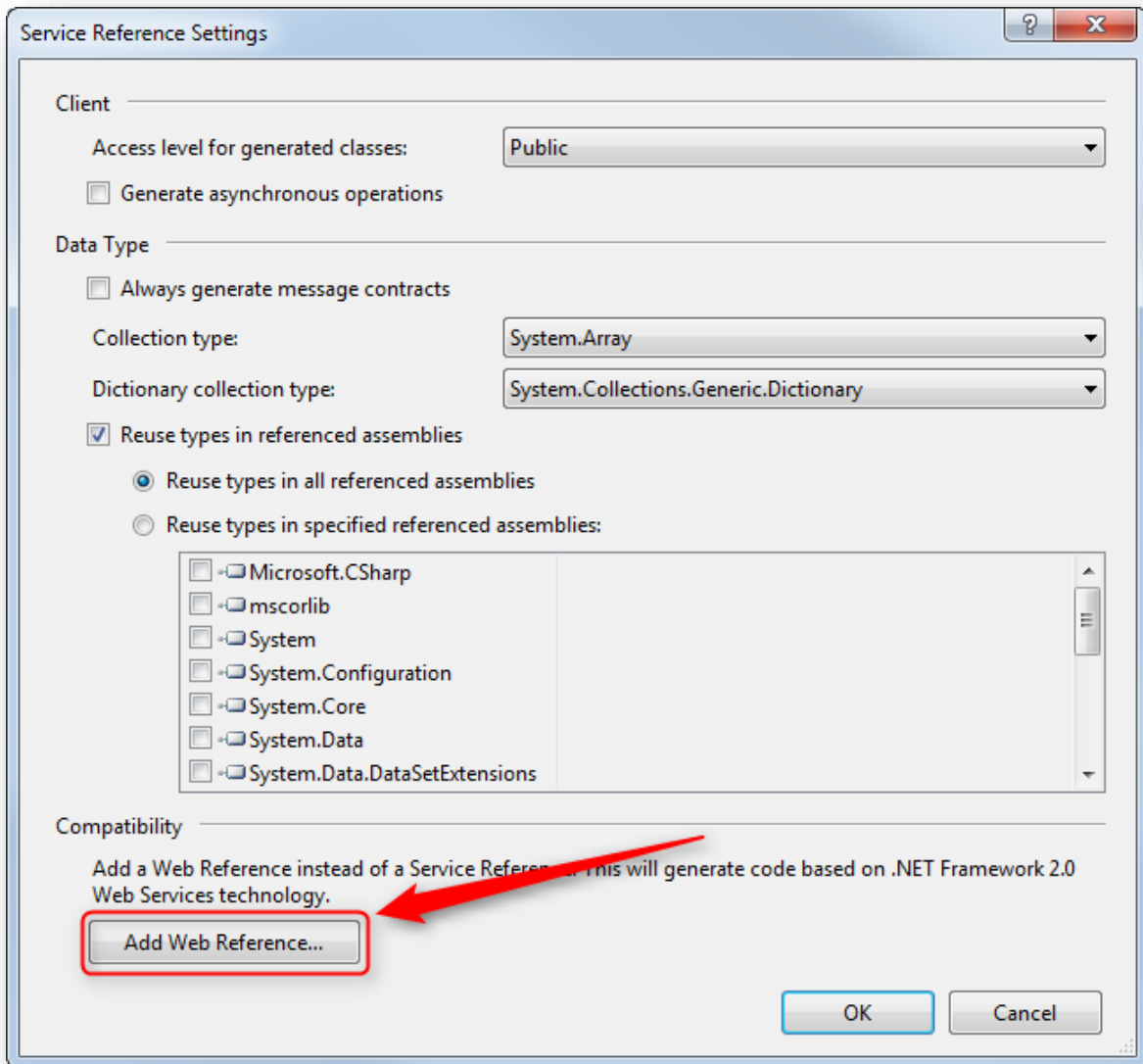
- In **Solution Explorer** > Move mouse pointer on the newly created application > Right mouse button click > **Add Service Reference...**



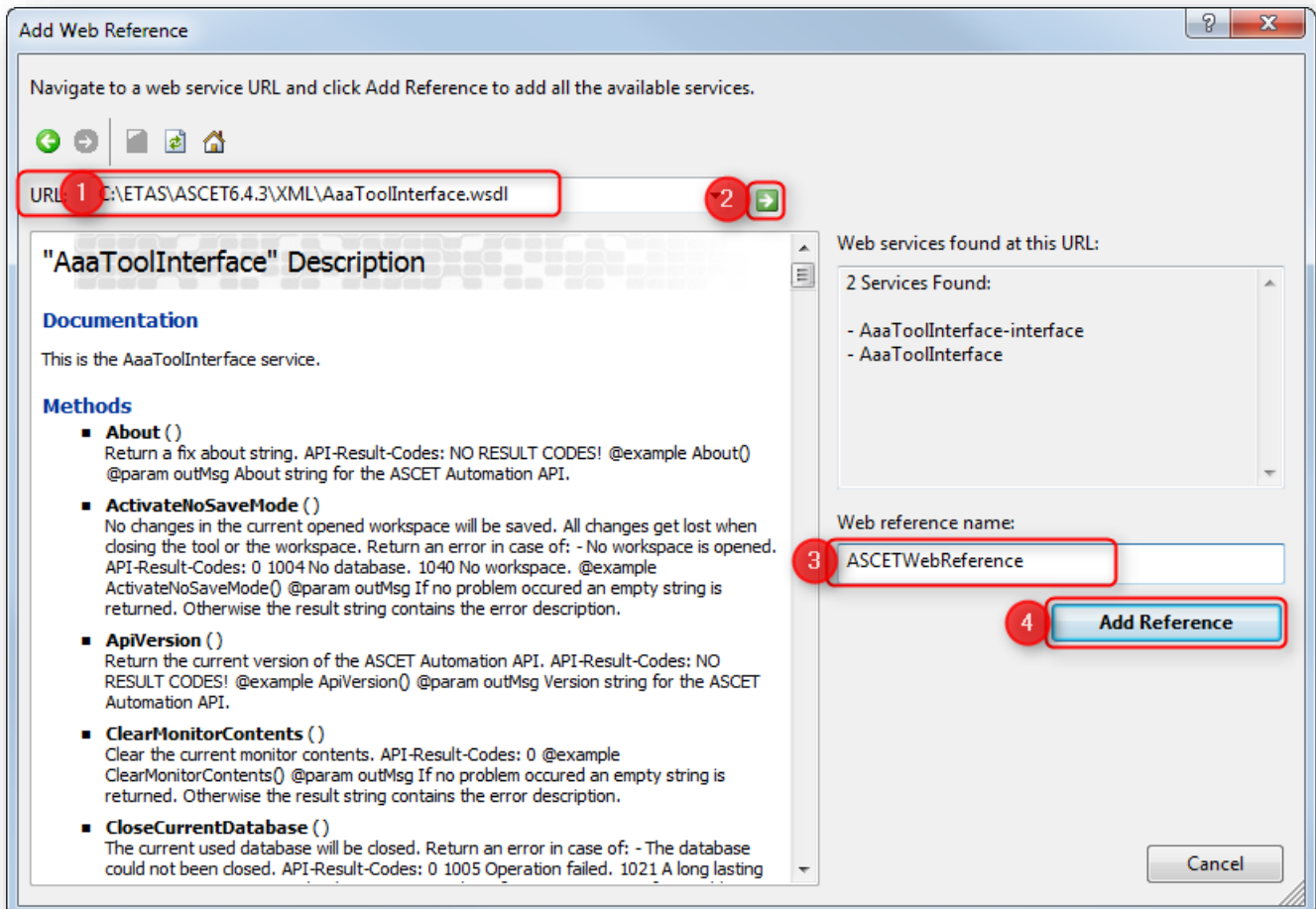
- In dialog **Add Service Reference** > Click button **Advanced...**



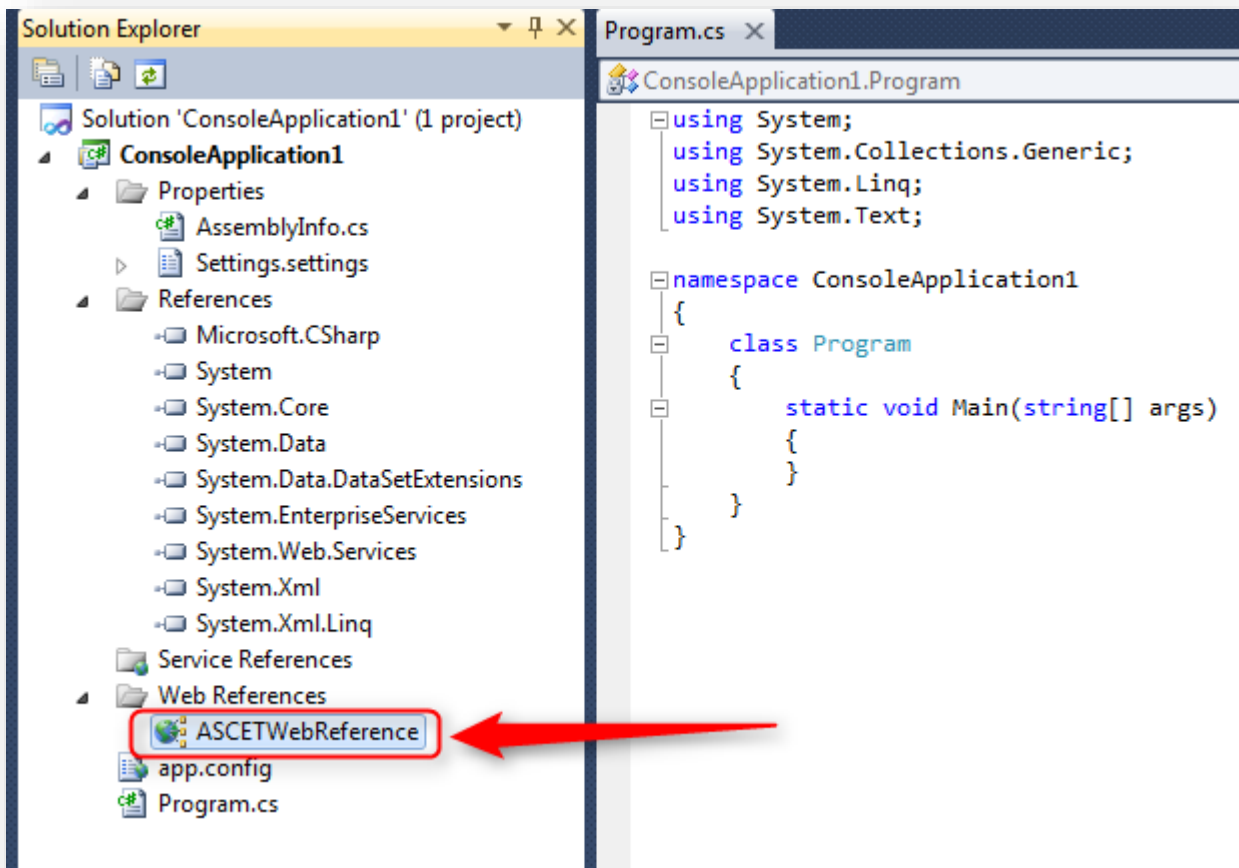
- In dialog **Service Reference Settings** > Click button **Add Web Reference...**



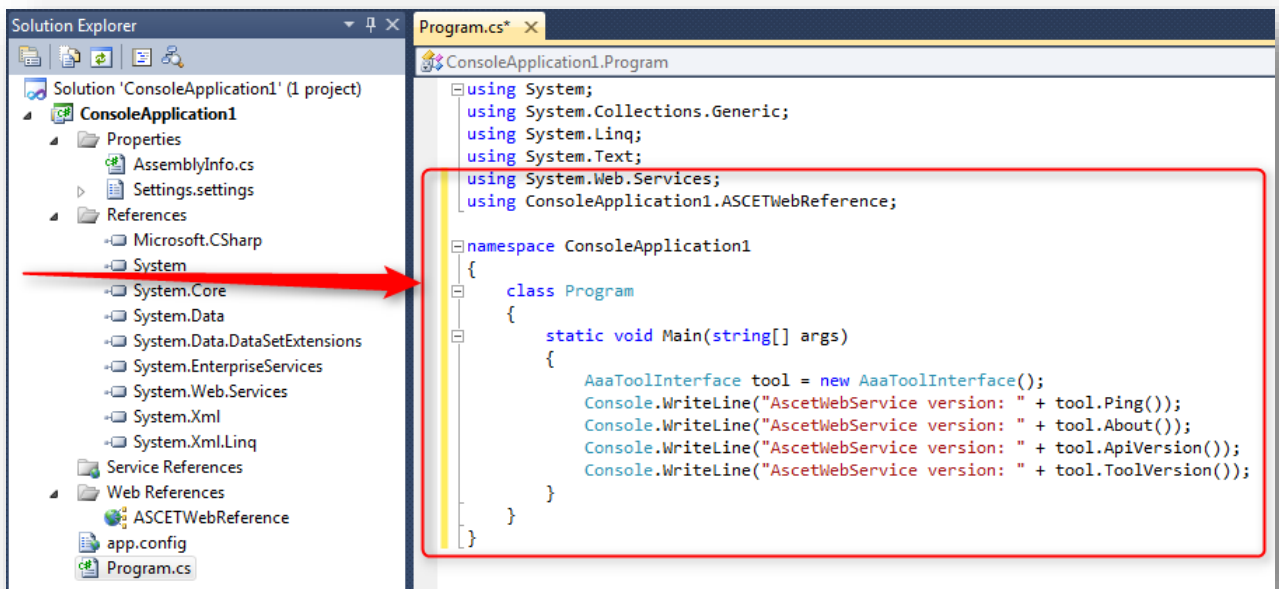
- In dialog **Add Web Reference**
 - In field **URL:** Enter the path and file name of the ASCET web service WSDL
 - Find the WSDL in <ASCET_installation_directory>\XML\
 - Click on **white arrow in green square** (on the right side of field URL)
 - In field **Web reference name:** Enter a name for the web reference
 - Click button **Add Reference**



- In **Solution Explorer**: The newly created web reference is listed



- Make adjustments to the program as suggested per the following image/code sample:

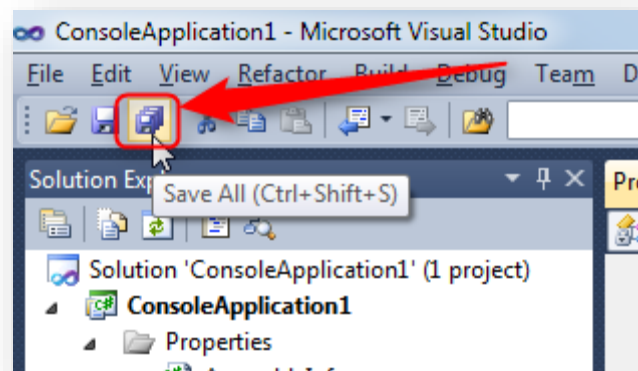


- Code

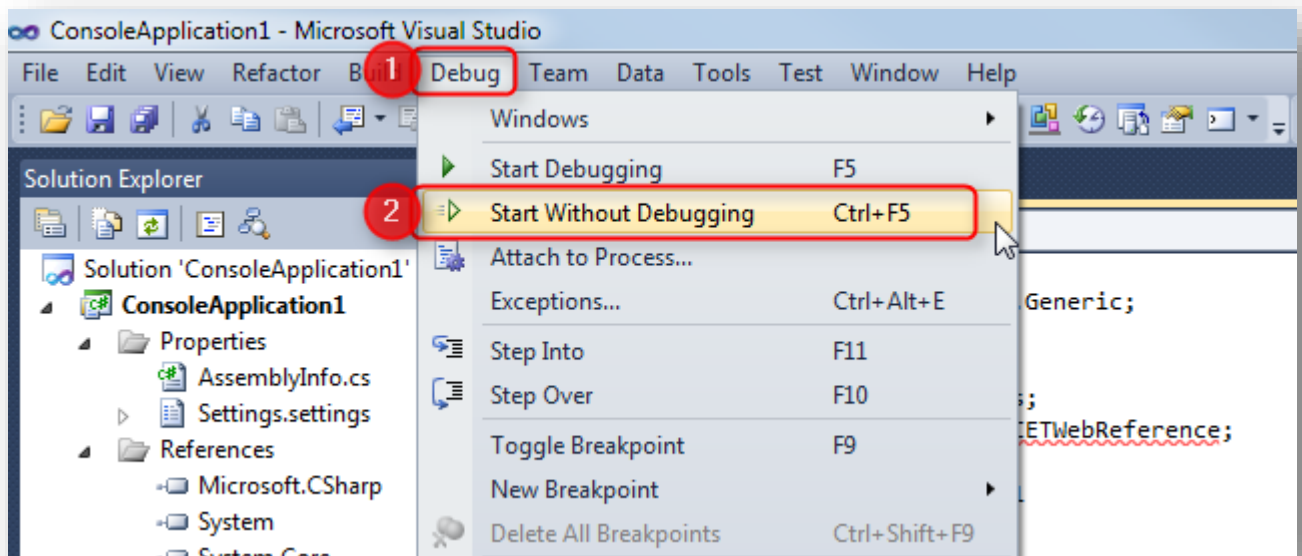
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Web.Services;
using ConsoleApplication1.ASCETWebReference;

namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
            AaaToolInterface tool = new AaaToolInterface();
            Console.WriteLine("AscetWebService version: " + tool.Ping());
            Console.WriteLine("AscetWebService version: " + tool.About());
            Console.WriteLine("AscetWebService version: " + tool.ApiVersion());
            Console.WriteLine("AscetWebService version: " + tool.ToolVersion());
        }
    }
}
```

- Now **Save All** files



- Execute the application



- Result:

```

C:\Windows\system32\cmd.exe
AscetWebService version:
AscetWebService version: ASCET Automation API - (c) 2015 ETAS GmbH
AscetWebService version: 1.0.3
AscetWebService version: U6.4.3
Press any key to continue . . .
  
```



Do you still have questions?

- You will find **further FAQ articles** on the ETAS homepage: www.etas.com/en/faq
- **Movies** corresponding to FAQ articles can be found on the [ETAS YouTube channel](#) as well
- Please feel free to contact our Support Center, if you have further questions.
- Here you can find all information: <http://www.etas.com/en/hotlines.php>

This information (here referred to as „FAQ“) is provided without any (express or implied) warranty, guarantee or commitment regarding completeness or accuracy. Except in cases of willful damage, ETAS shall not be liable for losses and damages which may occur or result from the use of this information (including indirect, special or consequential damages).