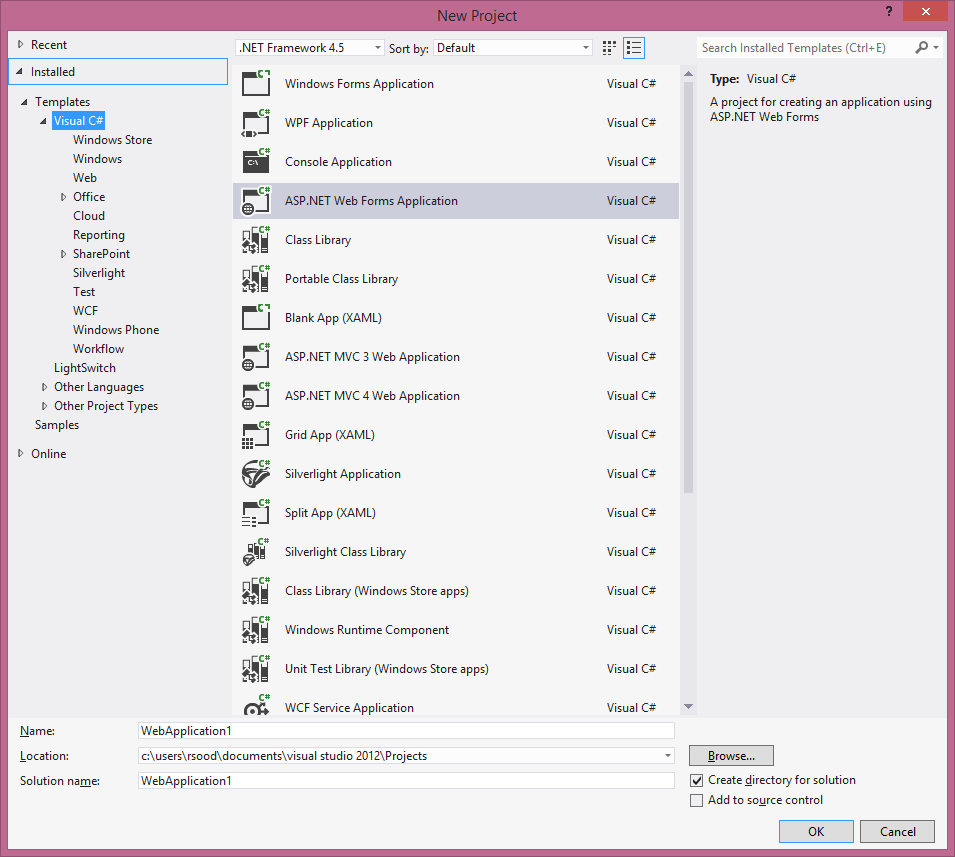
The application is built using C# programming language with REST Windows Communication Foundation (WCF) Serviec which is a set of APIs used in building in service-oriented applications. Microsoft has a good Getting Started tutorial on WCF at: <https://msdn.microsoft.com/en-us/library/ms734712(v=vs.110).aspx>

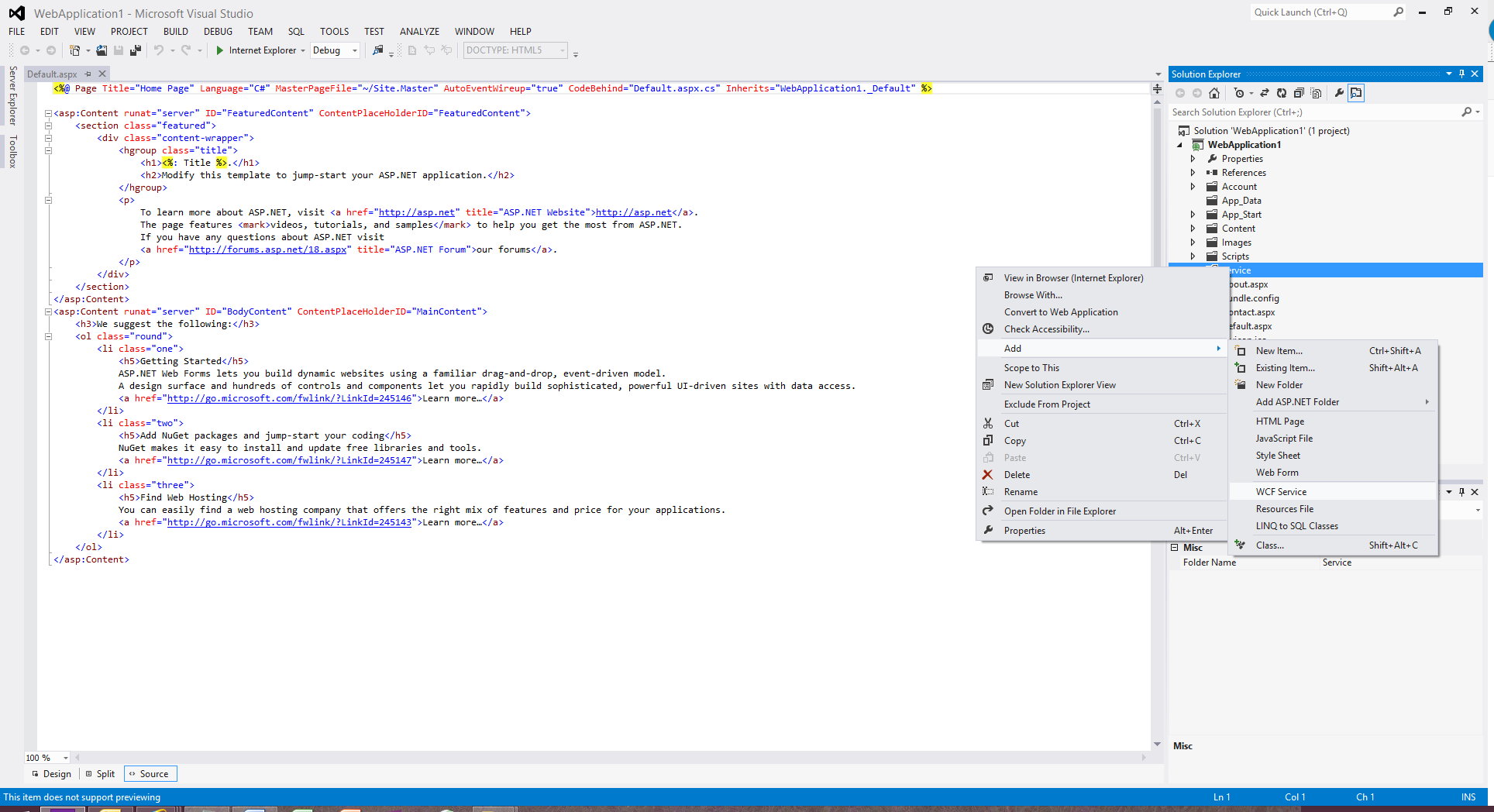
The instructions below are to configure the WCF for a service called **ContractsContrats** under Visual Studio 2012 in c#.

Start Visual Studio

Click File –>New Project 

Once the new project is created, under the root of the Solution Explorer right click to create a folder called Service

Right click the Service folder and click Add and select WCF Service, and call it Service1 (you can, of course, call it anything you like)



It creates the interface file IService1.cs and the actual implementation fiiles Service1.svc and Service1.svc.cs

Right click the Service folder and create Web.config file

Copy the contents from the Web.config file found under the Service folder that I have uploaded in my source code and then modify the following code in Web.config based on whatever your project namd and service name are:

<service name="ds.Service.ContractsContrats">

<endpoint address="" binding="webHttpBinding" contract="ds.Service.IContractsContrats"

bindingConfiguration="ApiQuotaBinding" behaviorConfiguration="webHttpBehavior"/>

</service> Once WCF is configured, compile the project and run the URL similar to [http://localhost:50570/Service/ContractsContrats.svc?v1=http://www.tbs-sct.gc.ca/scripts/contracts-contrats/reports-rapports-eng.asp &v2=2015&v3=2](http://localhost:50570/Service/ContractsContrats.svc?v1=http://www.tbs-sct.gc.ca/scripts/contracts-contrats/reports-rapports-eng.asp%20&v2=2015&v3=2%20)  in your browser, where the parameters passed are:

Where v1 is the URL, v2 is the year,and v3 is the quarter. The XML output for the scraped web page:

<http://www.tbs-sct.gc.ca/scripts/contracts-contrats/reports-rapports-eng.asp?r=l&yr=2015&q=2>

