REST Web Services using WCF

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- Visual Studio
- SQL Server

WCF service application project in Visual Studio gives the *IService1.cs* and *Service1.svc* files

Two web services were created

- Method that returns the student class instance as XML output.
- Method that returns the student class instance as JSON output.

Declare the two methods in the `IService1` interface

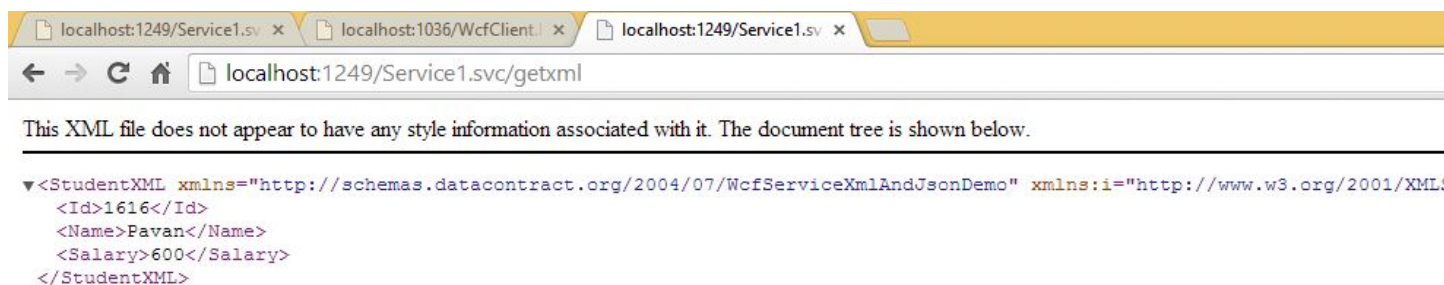Implement the methods in the *Service1.svc* file

The important things to consider in *web.config* file are:

- Service behavior.
- End point behavior

Testing the service on local machine thru browser

Requesting XML Format thru **getxml** method


```
localhost:1249/Service1.sv ×    localhost:1036/WcfClient. ×    localhost:1249/Service1.sv ×

← → C ⌂   localhost:1249/Service1.svc/getxml

This XML file does not appear to have any style information associated with it. The document tree is shown below.

▼<StudentXML xmlns="http://schemas.datacontract.org/2004/07/WcfServiceXmlAndJsonDemo" xmlns:i="http://www.w3.org/2001/XML
    <Id>1616</Id>
    <Name>Pavan</Name>
    <Salary>600</Salary>
</StudentXML>
```

Requesting XML Format thru **getjson** method

{"GetStudentJSONResult":{"Id":1212,"Name":"Kumar","Salary":600}}

Now kinda unable to host the WCF service on IIS on UMKC Remote desktop.