**Steps to Simple WebApi with (Not so simple) Client**

1. Create a visual studio WebApi site
   1. New Project -> Other Types -> Blank Solution
   2. Add Project -> C# -> Web -> Asp.Net Mvc 4 Application -> WebApi
   3. Look at ValuesController to see WebApi interface
   4. Run and observe the uri <http://localhost:1085> (you will see a different port number)
   5. Change the uri to <http://localhost:1085/api/values>
   6. Observe that xml with the values defined in the controller are displayed
2. Create a WebApi client:
   1. Right click on solution
   2. Add Project -> C# -> Windows -> Console Application
   3. Tools -> Library Package Manager -> Manage NuGet Packages for solution
   4. Open and Install Asp.Net WebApi Client Libraries (about page 4)
   5. Open and install Json.Net (on page 1)
   6. Add reference for System.Net.Http and add using statement
   7. Add reference Extensions for System.Net.Http.Formatting and add using statement
   8. In Main create an HttpClient instance
   9. Look at my example for a few more lines of code we’ll discuss in class
3. To add more functionality to the controller:
   1. Right-click on models folder -> Add -> class
   2. Add some code to create the type of item you want to display
   3. Add more code to create a collection of these items
   4. Open ValueController
   5. Add code to create the item collection
   6. Add code to Get, Post, Put, and Delete methods
4. To add more functionality to the client:
   1. Add code to exercise each of the HTTP methods to do CRUD operations
   2. See DemoWebApi for an example