**Points: 20**

For this week’s homework, complete the tutorial for the creating and using a Web Service. Then, do the same for the Web API tutorial.

The tutorials are available through the following links:

**Web Service:** <https://docs.microsoft.com/en-us/visualstudio/data-tools/walkthrough-creating-a-simple-wcf-service-in-windows-forms?view=vs-2017#code-snippet-5>

**Web API**: <https://docs.microsoft.com/en-us/aspnet/web-api/overview/getting-started-with-aspnet-web-api/tutorial-your-first-web-api>

After completing the tutorials describe your observations about the two approaches based on your experience using Visual Studio.. Should one be preferred over another? Why or when? Your response should be somewhere between 400 to 500 words. Also, please research what others say, and cite the sources in your response ( MLA format per KnightCite at <https://www.calvin.edu/library/knightcite/> ). Your sources must be available with a URL. You may use blogs, Springer articles etc.

Prepare your response in a separate document in MS Word document, single space, 12 point font. Then, submit to Moodle.

The grading is based on the following:

|  |  |
| --- | --- |
| **Evaluated** | **Points** |
| Document is well constructed and proofed. | 5 |
| It’s obvious you worked through the tutorial based on the discussion. | 10 |
| Cited sources support the statements made and are accessible. | 5 |