**Project Description:**

Working with APIs, I learned how to link to an API to display and also how to create one from scratch in Visual Studio in following a Microsoft tutorial! In following this tutorial I created a Book API which allows a user to add books to the list! I published the information to Microsoft AZURE to get everything working properly and then used a DIV to link to it.

I included all of the documents and information and work that I followed along with in the project, so you could see everything that I did, rather than just seeing the link itself in the code.

On one of the websites (index) I just linked to an already existing API and included it to show that I was able to do so without difficulty and integrate it into my own website. On the 2nd Index, I linked to the azure one that I completed, but added all the pieces that I used to create it by using Visual Studio 2017. Sometimes it is rather fickle and will give a database error. I’m not entirely sure why it does this randomly.

But I wanted to show that I was able to do so while working on my own personal website to show that I am still proficient in CSS and HTML basic coding skills as well as the new information in javascript that we have learned.

**Technical Tasks:**

-Added a basic API that gives a list of items in a novelty order.

-Added an API with a SQL database that allows a user to add to the listing

-Created a basic website using HTML5

-Created a website using CSS coding skills.

-Used VS2017 to create the API from scratch as well as the SQL database to display.