ASP.NET, C# and WebAPI

This module combines the theory of HTTP requests with the practice of C# programming fundamentals in the WebAPI framework. The assignment requires you to create APIs which listen and respond to HTTP Requests. We will also discuss variables and data types in C#, using a great mini-lesson provided below.

Outcomes

- Understand HTTP Requests GET and POST
- The WebAPI framework
- Primitive Data Types (Integers, Strings) in C#
- API Controller Methods

Synchronous Activities

- Creating & Running a WebAPI Project
- Problem Solving Activity : Bonus Question

Upcoming Assessments

- Week 4 - Assignment 1
- Week 7 - Assignment 2

In-Class Files

CSharpA1.pdf The first assignment of this course. This assignment is due Week 4

[CSharp_Terminology.pdf](#) A word bank for some technical concepts in the C# programming language

Asynchronous Activities

- [WATCH: The Web Landscape PT3 (14:51)](#)
- [WATCH: Create an ASP.NET WebAPI Project (3:04)](#)
- [WATCH: Learning C# for Web Development PT1 (11:32)](#)
- [WATCH: Learning C# for Web Development PT2 (21:19)](#)

Coming Up in Module 3 »

- [WATCH: Push to Github with Visual Studio 2019 (8:15 - 12:42)](#)
- [WATCH: Learning C# For Web Development Pt3 (17:03)](#)
- [WATCH: Programming Logic Pt1 (16:46)](#)

Sources & Helpful Links

- [Understanding HTTP Requests](#)
- [C# Mini Lesson : Strings](#)
- [C# Mini Lesson : Numbers](#)