BTI325 Assignment 1

# Submission Deadline:

Friday, September 13th, 2024 @ 11:59 PM

# Assessment Weight:

5% of your final course Grade

# Objective:

This first assignment will get you setup with your environment, tooling, and a Vercel account as well as introduce you to the development workflow used in this course (Visual Studio Code + Git + Vercel).

# Specification:

For this assignment, we will be publishing our first web app on [Vercel](https://vercel.com/).

### **Step 1:** Installing Software

In order to create web applications and publish them online, you will need to download and install the following software.

* [Visual Studio Code](https://code.visualstudio.com/download)
* [Node.js](https://nodejs.org/en/download/)
* [Git](https://git-scm.com/downloads)

Install the software and get the base app from the course site: [Base app](https://webprogrammingtoolsandframeworks.sdds.ca/Web-Server-Introduction/simple-web-server-using-expressjs)

### **Step 2:** Deployment on Vercel

The next step involves following along with the "Getting Started With Vercel" Guide available on the  
course website [here](https://webprogrammingtoolsandframeworks.sdds.ca/Resources/vercel-guide). You may skip the "Required Software" section, however if you need help verifying that  
the required software is installed correctly this section provides some additional information.

### **Step 3:** Customizing the server code (server.js)

Once you have completed the guide (Step 2), and have a simple "Hello World" app running on Vercel, you must personalize the output:

* Instead of "Hello World" – change your app to output your full name and student number, ie "Patrick Crawford - 037465064"
* **HINT**: If you make any changes to your server.js file after publishing to vercel, you will have to:
  + Commit your changes to your local git repo using the following procedure:
    - Click on the Source Control Icon in the sidebar that has a "1" on it in Visual Studio Code
    - Enter a message (in the "Message" box) describing your change, ie "updated server.js"
    - Click the checkmark above the message box to commit your changes.
  + Once you’ve pushed your changes to the main branch (assuming things were set up correctly in the previous step for Vercel), Vercel will begin redeploying your app in real time.

## Assignment Submission:

1. Add the following declaration at the top of your server.js file (do not forget to include the URL to your app on Vercel:

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\* BTI325 – Assignment 1  
\* I declare that this assignment is my own work in accordance with Seneca Academic Policy.   
\* No part of this assignment has been copied manually or electronically from any other source  
\* (including web sites) or distributed to other students.  
\*   
\* Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
\*  
\* Online (Vercel) URL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
\*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

1. Compress (.zip) the files in your Visual Studio working directory (this is the folder that you opened in Visual Studio – it should contain a **node\_modules** folder, a **server.js** file and **package.json / package-lock.json** files)

## Important Note:

* **NO LATE SUBMISSIONS** for assignments. Late assignment submissions will not be accepted and will receive a **grade of zero (0)**.
* Submitted assignments **must**run locally, ie: start up errors causing the assignment/app to fail on startup will result in a **grade of zero (0)** for the assignment.
* After the end (11:59PM) of the due date, the assignment submission link on My.Seneca will no longer be available.