

BTI325 Assignment 1

Due: Sunday, Sep 26th, 2021 @ 11:59 PM

Objective:

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

Specification:

For this assignment, we will be publishing our first web app on [Heroku](#).

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 \(https://code.visualstudio.com/download\)](https://code.visualstudio.com/download)
- [Node.js \(https://nodejs.org/en/download/\)](https://nodejs.org/en/download/)
- [Git \(https://git-scm.com/downloads\)](https://git-scm.com/downloads)
- [Heroku CLI \(Command Line Interface\) \(https://devcenter.heroku.com/articles/heroku-cli#download-and-install\)](https://devcenter.heroku.com/articles/heroku-cli#download-and-install)

Step 2: Following the Guide

The next step involves following along with the "**Getting Started With Heroku**" Guide available on the [course website week 2 note](#).

<https://web322.ca/getting-started-with-heroku>

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 Heroku, you must personalize the output:

- Instead of "Hello World" – change your app to output your full name and student number.
- **HINT:** If you make any changes to your server.js file after publishing to Heroku, 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.
 - Push your changes to Heroku by issuing the command: "git push heroku master" from the Integrated Terminal in Visual Studio Code

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 Heroku:

```

/*****
* 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 (Heroku) URL: (make sure you include the link ending with .com, NOT .git
* _____
*
*****/

```

2. Compress (.zip) the files (name it a1.zip) in your Visual Studio Code working directory (this is the folder that you opened in Visual Studio Code – it should contain a **node_modules** folder, a **server.js** file and a **package.json** file)
3. Submit the zip file (a1.zip) on Blackboard -> Assignments -> A1
4. Late submission will be penalized with 10% of this assignment marks for each school day up to 5 school days, after which it will receive 0 marks.