

Introduction

Goodfood (<https://www.makegoodfood.ca/>) is a popular Canadian meal delivery company that creates recipes and delivers the ingredients straight to your door. You have been contracted as a full-stack programmer to develop your version, a competing product, of the *Goodfood* website.

You must not name your website *Goodfood* but instead come up with your own name and brand. Also, your website cannot look the same as the *Goodfood* website however you can use the website (or similar meal delivery websites) to inspire the look and feel for your implementation.

The implementation of the website will be spanned over six assignments. In this assignment, you will focus on building an Express server and the home page for your web application. There is no database connectivity required at this time.

This assignment is worth 5% of your final grade.

Reminder about academic integrity

You must comply with [Seneca College's Academic Integrity Policy](#). Although you may interact and collaborate with others, this assignment must be worked on individually and you must submit your own work.

You are responsible to ensure that your solution, or any part of it, is not duplicated by another student. If you choose to push your source code to a source control repository, such as GIT, ensure that you have made that repository private.

A suspected violation will be filed with the Academic Integrity Committee and may result in a grade of zero on this assignment or a failing grade in this course.

Technical Requirements

- All back-end functionality must be implemented using **Node.js** and **Express**.
- You are not allowed to use any front-end CSS frameworks or JavaScript frameworks.

Objectives

Express web server set-up

Create an Express web server that listens to incoming HTTP requests on port 8080. The logic for your web server must be placed in a file called “server.js”. The top of the file must include the following header.

```

/*****
* WEB322 - Assignment 1 (Winter 2021)
* 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:
* Course:
*
*****/

```

Remember to fill in your name, student ID, and the course code (including the section code) in the header. For example:

```

/*****
* WEB322 - Assignment 1 (Winter 2021)
* 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: Nick Romanidis
* Student ID: 990123456
* Course: WEB322 NCC
*
*****/

```

Implement Route Handlers

Create route handlers that will direct users to specific pages when they navigate to the following routes:

- The “home” page
- An “on the menu” page, this page will list the current week’s meals.
- A registration page used to sign up to the service.
- A login page used to log in after a user has signed up.

The “Home” Page

You are required to build a well-designed home page that consists of the following sections:

- **Header:** The header must contain a logo for your website. Feel free to add links or other content.
- **Navigation Bar:** The navigation bar can be placed within the header or defined as an entirely new area. It must contain links that navigate visitors to the “on the menu” page, a sign-up page, and the login page.




- **A Hero:** This section must have a prominent image or video element that is placed at the top of your page, below the header and navigation section. Here is an example:



- **Content Section(s):** These sections **must** use a combination of grids, words, headings, and images with the sole purpose of highlighting some selling features of the website, how it will work, and/or the services that it will provide. Here is an example:


HOW IT WORKS

[Watch the video](#)




We create original recipes.

Our in-house culinary team uses premium ingredients to create unique menus and products for breakfast, lunch, and dinner.




You choose your preferences.

Choose from a variety of healthy, delicious meals each week that accommodate your dietary preferences.



We deliver weekly — for free.


Your ingredients are packaged in our temperature-conditioned boxes, so food stays fresh - even when you aren't at home.



You eat incredible meals every day.


Our recipes are created to cater to all cooking levels and styles. From a one-minute weekday breakfast to a delicious two-course dinner made with your own hands, our recipes cater to all cooking levels and styles.

- **Top Meals:** This section must display at least three (3) top meals. In this assignment, the data for this section will not be pulled from a database, instead it will be hardcoded in the HTML file. Each meal package must display an image, title, what is included, and a price. Here is an example:




Chicken & Basil Meatballs
with Tomato Orzo & Side Salad

\$19.99



BBQ Meatballs with Honey-Glazed Vegetables
Roasted Potatoes

\$16.99



Pan-Seared Cheese Tortellini & Bruschetta
with String Beans Amandine & Parmesan Shavings

\$15.99

- **Footer:** This section must include footer menu items, social media links, and any other information you deem necessary.



Required: Your footer must contain a copyright statement that reads exactly as follows:

Copyright © Winter 2021, <FirstName> <LastName>, WEB322N<SectionCode>

Be sure to include your first and last name. For example, your professor would show the following copyright statement:

Copyright © Winter 2021, Nick Romanidis, WEB322NCC

or

Copyright © Winter 2021, Nick Romanidis, WEB322NDD

“On the Menu”, Registration, and Login Pages

You do not need to implement these pages for this assignment, but you must create and configure the appropriate routes. Simply, return a string with the page name for the “On the Menu”, registration, and login pages.

Reminder

All back-end functionality **must** be implemented using **Node.js** and **Express** and your pages **must** be created with using only vanilla HTML, CSS and JavaScript.

Rubric

Criteria	Not Implemented (0) Little or no work done. Unacceptable attempt.	Partially Implemented (1) Work is minimally acceptable but is incomplete or needs significant modification.	Fully Implemented (2) Work is complete and done perfectly.
Home page. <ul style="list-style-type: none">• Header• Navigation• Hero Section• Top Meals Section• Footer			
Express web server. <ul style="list-style-type: none">• A web server was created in a file named "server.js".• The web server listens on port 8080.• The "server.js" file contains the appropriate header.			
Additional routes. <ul style="list-style-type: none">• Routes have been configured for the "On the Menu", registration, and login pages.			

Home page look and feel.	Poor (1)	Average (3)	Exceeds (6)
<ul style="list-style-type: none">• Page is polished.• Used pleasing typography, color palettes, and imagery.• Appropriate use of grids.			

Total: 24 Marks

Note: Half marks may be awarded.

Submitting your work

Make sure you submit your assignment before the due date and time. It will take a few minutes to package up your project so make sure you give yourself a bit of time to submit the assignment.

1. Locate the folder that holds your solution files.
2. Compress the copied folder into a zip file. **You must use ZIP compression, do not use 7z or other compression algorithms or your assignment will not be marked.**
3. Login to My.Seneca.
4. Open the **Web Programming Tools and Frameworks** course area and click the **Project** link on the left-side navigator. Follow the link for this assignment.
5. Submit/upload your zip file. The page will accept three submissions so you may re-upload the project if you need to make changes. Make sure you make all your changes before the due date. Only the latest submission will be marked.