

Assignment 2 – Layouting using CSS

Lab A & B due: Tuesday, September 20, 2022. 11:59 pm ET

Lab C & D due: Thursday, September 15, 2022. 11:59 pm ET

This is an **individual** assignment.

1 Learning objectives

- Practice advanced CSS concepts
- Further practice your HTML & CSS skills

2 Tasks

In this assignment, you will work on advanced layout concepts for your static webpages.

2.1 Setup

- (1) Follow the setup instructions from HW1.
- (2) Copy your code from the previous homework and rename the folder (e.g., solution-hw2/) in your repository. Edit the code to implement the functionality for this assignment.
- (3) Remember to add the link to this HW solution in the index.html in your root folder, i.e., link to solution-hw1/index.html in ./index.html

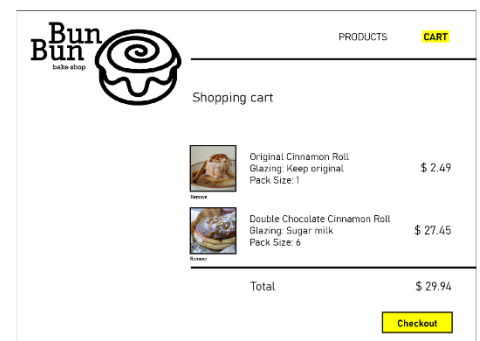
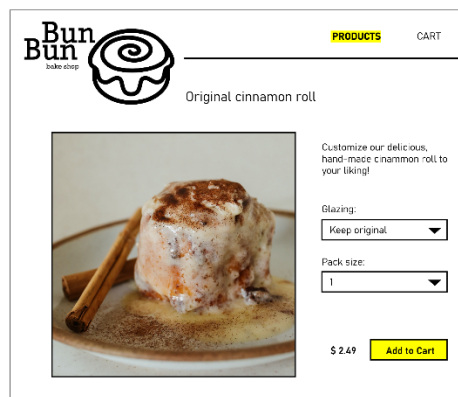
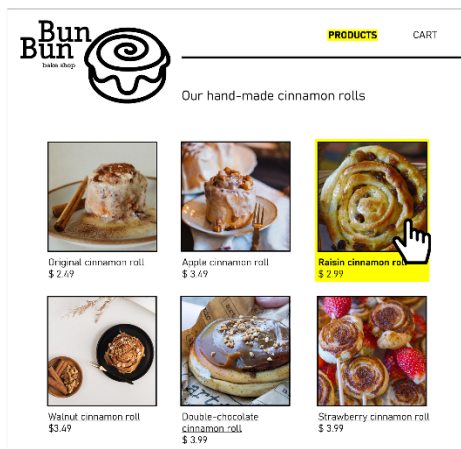
2.2 Layout your static HTML & CSS pages

Build on your previous homework to create a more advanced layout. Your new layout should look like the following mockups below.

Product Gallery

Product Detail page

Shopping Cart



You can find larger versions of the mockups here:

<https://github.com/interactive-structures/teach-pui/tree/main/homework-materials/HW2>

2.3 Use proper code style

Follow the code style instructions from previous assignments, i.e., external css files, no inline styles, no additional frameworks, follow code style guidelines, validate all your code.

2.4 Layout & Styling

- (1) You can assume that the width of the webpage as shown in the mockup is 1200px.
- (2) Similar to the previous HW, use well organized CSS, e.g., make styles for the Heading, make link styles, body text, buttons, etc. and use repeatedly. Use proper CSS selectors to define only necessary style items.
- (3) The spacing & sizes in your implementation should emulate the mockup, no need to be accurate to the pixel though.
- (4) The styling should already be implemented by your previous homework solution. Colors, backgrounds, spacing, link styles (including hover & active behavior) etc. should look like the mockups.
- (5) Make sure that there will be no unintentional overlaps between elements.
- (6) You don't need to worry about the font, just use any sans-serif font that comes with your system.

2.5 Valid code

Follow the instructions from HW1 on valid code.

3 Submission

- (1) **Deploy** your webpage on GitHub. The webpage (incl. links) should work after being uploaded. If you haven't yet, set up your GitHub repository structure as described in the tutorials:
 - [Setup tutorials](#)
 - [Example project & deployment tutorial](#)
 - We will need to evaluate your deployed website of your homework. In your repository, add a **README.md** or **README.txt** that contains the URL to your website running online, like [this example](#). In the case of the *teach-pui-example* repository, the README would contain:
“Deployed website: <https://interactive-structures.org/teach-pui-example/>
Repository link: <https://github.com/interactive-structures/teach-pui-example>”
 - Check that your code is online (**pushed**), not only committed locally! Test that your webpage works properly online.
- (2) Submit your homework to **Gradescope**.
 - For your first submission, you will need to connect your GitHub account to Gradescope. We made a detailed tutorial here:
<https://github.com/interactive-structures/teach-pui/blob/main/setup-tutorials/HWSubmission.md>
 - **Check** that you submitted to Gradescope before the deadline!