

Homework Assignment 4
Due Date: Monday, February 14, 2022 at 11:59 pm
Total Points: 25 pts

The purpose of this assignment to give you the opportunity to practice and apply the knowledge gained from today's class to solve real problems. This ultimately will allow you to learn how to use to apply JavaScript and CSS effects to your HTML webpage!

Please follow the instructions below to complete your assignment task:

Create a simple webpage – (index.html) for your new food restaurant business outlet on Stevens Campus. The webpage should satisfy the following requirements

- a. Choose a unique name (e.g., BreadJam fastfood) for your new restaurant business. Display your restaurant business name and its location (i.e., restaurant name, + Stevens Campus) as the title of your HTML page and as the first text on your webpage using level heading <h1>. Make sure that this text is center aligned
- b. Include a menu navigation bar that has links for home, about and contact us.



- c. Include any image to make the website presentable.
- d. Use an HTML Table to create food menu that customers can order from your restaurant for each of these categories; Breakfast, Lunch, and Dinner (a table for breakfast with no more than 4 different food items and prices in USD (\$)). You have the leeway to list any food items under each of the breakfast, lunch, and dinner food menu categories. Also, include heading level <h3> text that reads e.g., "Breakfast Menu", "Lunch Menu", "Dinner Menu" above each of the food menu categories.
- e. Beside each item in table from c, add a button called add to cart that once clicked will add the item to cart and display the total in table displayed in the page

Breakfast Menu

Food Item	Price	
Ice-cream	\$15	ADD TO CART
Pizza	\$20	ADD TO CART

Cart

Pizza	\$20
Pizza	\$20
Ice-Cream	\$15

Total: \$55

- f. Create another button with text that reads “Place order”. When a user clicks the “Place order” button, it should display the following text: “We’ve received your order. Your order will be ready for pick up in 5 minutes” and the cart should be cleared. Note: apply the JavaScript in the body section of your HTML Document .
- g. Place a currency exchange button under each of the HTML Table created the 3 food menu categories (i.e., breakfast menu table, lunch menu table, dinner menu table). The button text should read “Dollar to Pound”. Use this values as the current exchange rate: \$1 to E 0.71. When a user clicks the button “Dollar to Pound”, it should display the equivalent price in Pound sterling for each of the food item listed in each of the 3 menu table categories (i.e., the button should convert the price in dollars to its equivalent price in pound sterling. (Hint: think Array!). Note: apply the JavaScript in the body section of your HTML Document.
- h. Use external CSS style to style your webpage body background and fonts with any color of your choice. Also apply different font color to each of the 3 heading level `<h3>` in (1b) above using HEX values for Breakfast menu table level heading `<h3>`, RGB values for lunch menu table level heading `<h3>`, and HSL value for dinner menu table level heading `<h3>`, respectively.
- i. Create a new page – (about.html) - Insert a headshot photo of yourself on the webpage as the CEO of the food restaurant business. Also, include a short bio of yourself no more than 5 lines of sentences. Ensure the Header of the page, navigation links bar and website color are consistent with the home page
- j. Create a new page – (contact.html) – Include contact information about the restaurant and a contact form that accepts the name, email, phone number and message of the customer and a button “send message” that displays an alert “your message has been received and we will respond to you shortly” when clicked. Ensure the Header of the page, navigation links bar and website color are consistent with the home page
- k. The webpages (index.html, about.html and contact.html) should take the user to the corresponding webpages when clicked.
- l. A single external CSS style sheet should be used for the 3 pages.
- m. Test your codes and make sure its working properly and save your HTML and CSS files appropriately. Submit both your HTML with JavaScript and CSS code files and also a screen shot of a browser display of your webpage.