

COMP1073 – Client-Side JavaScript

ASSIGNMENT 3

The Pizza Maker

DESCRIPTION

Build a simple form that allows a user to order a pizza, including a number of ingredients and other suitable characteristics. Include an 'order' button that creates a Pizza object and presents it to the customer.

INSTRUCTIONS

1. Create an html file (index.html) and two folders which contain CSS and JavaScript for the assignment.
2. Build a simple HTML form that you think would be appropriate for a customer to order a pizza. Dynamically add your student id and name somewhere on the page using a p tag and JavaScript.
3. Be creative – what different options might you want your customers to have?
4. Validate the HTML pizza order form.
5. Write a short piece of JavaScript to capture the values from each of the form inputs, when the user clicks the 'order' button.
6. Create a class for the Pizza object, using the parameters from the order form you just created.
7. Visually output a description of the customer's pizza to the HTML page.
8. The JavaScript and CSS file should be linked to the html. Don't forget to use defer if you are adding script in the head section.
9. Once you've completed the functionality of the interface, add some CSS to make the page visually attractive (don't spend too much time on this – the focus is the JS).
10. Ensure that all your HTML, CSS, and JS is well-commented, formatted, and organized.
11. Upload your application to a live website. (GitHub Pages or any other that works for you.)
12. Post the URL to Assignment 3 on Blackboard.

SUBMITTING YOUR WORK

Upload the HTML, CSS and any media files to a web server and then post a link to the document in the assignment on Blackboard. Your work will not be graded unless it is posted on a web server.

EVALUATION

Please refer to the assessment rubric with the assignment on blackboard for more evaluation details. You will be graded on how well you followed the assignment instructions from both a technical and a creative perspective as spelled out in the rubric. This assignment is weighted in terms of your final mark as indicated on the course syllabus.