CPRG256

LAB ASSIGNMENT 6 INTRODUCTION TO JAVASCRIPT

On your computer, create a directory titled ‘cprg256/lab6’.

Café Europa has take-out and small dine-in location. If customers can order online and choose a convenient time for pick up.

Use HTML 5, CSS and JavaScript to create a web application for ‘Café Europa’. The application will do the following:

The Customer will enter their contact information

They must choose a time if they pick up the order

Calculate the cost of the order and display it on the page.

Page Requirements:

* Textboxes for: Name (first and last) and contact Phone number.
* Choose a time to pick up their order. Use ‘input type="datetime-local" to choose the pick-up time.
* Choose from the following food items and quantity: (Note: Default quantity should be zero)

Neapolitan Style Pizza:

* + Margherita: $12.00
  + Quattro Formaggi $12.50
  + Capricciosa: $13.00

Sandwich Choices:

* + - * Schnitzel: $8.50
      * Mixed Grill $9.50
      * Big Beef on a Bun $10.00

Bevarages:

Coffee: $2.00

Latte: $2.50

Soft drink: $1.75

* The web page will include the following features:
  + Include the current date at the top of the Page. Use ‘onLoad’ or ‘window.onload’ to create the ‘Date’ object and display it on the page
  + Include a background image or pattern.

Functionality:

Use HTML5 inputs and ‘patterns’ to ensure that the ‘Name’ only contain alphabetic, spaces and hyphens in the name. Create a pattern to validate the Phone Number. All these elements are required and will display an error if left blank.

Use CSS to manage the presentation of the page.

Your web app will use a JavaScript function to calculate the total cost of the order and print to the screen the customer’s name, contact phone, pick-up time, the details of the order and the final cost.

Order details to be displayed on the web page. See example below.

e.g.

Davis Mills

403-111-4444

Pickup: 09-12-2021 T19:00 (NOTE: The datetime-local will be displayed differently depending on the browser you use.)

1 Margherita $12.00

1 Capricciosa $13.00

2 Mixed Grill $19.00

2 Coffee $4.00

Total Cost: $48.00

When you have completed this, demonstrate it to your instructor.

Zip your ‘cprg256/lab6’ directory and upload it to the Brightspace site under Assignments/Lab Assignment 6.