CPRG 256

ASSIGNMENT 1

USING CSS AND HTML

This is an individual assignment submission. Due 18:00 Friday February 12, 2021

Attached to this assignment are three folders: arthur\_erickson, douglas\_cardinal and moshe\_safdie. Each folder contains a text file of their biography and five picture of their work.

Part A:

Using the pictures and biographical text file, create a web page for each of these Canadian architects. The text file is the content for your website.

For each web page:

Add some content e.g. subject headings at the start of a paragraph(s). You can also provide captions for any pictures that you use.

Use all of the pictures provided. They must be included as part of the content of the webpage (not one block of pictures). When you ‘hover’ over the picture, it should increase by 25% of its current size. A ‘transition/transform’ can be used to change the size over 2 seconds. Set the style attribute to ‘float’ to allow the content to ‘flow’ around any pictures.

Incorporate a background image to the page.

When using ‘h’ tags e.g. <h1> be set the font-size to be 25% larger than standard.

The first letter of the first word in the each paragraph should be set to a bold typeface.

The content should cover 80% of the page width.

Use a ‘Google Font’ or other custom font of your choice.

You have some ‘artistic license’ with this assignment. Where appropriate, use borders, margins, padding or any other attributes that enhance the appearance of the web page.

Part B:

Your task is to create registration form for ‘Western Valley Farms’. Clients can order online and the company arranges for pick-up or delivery of orders. Your form will contain the following information:

Input fields for the following:

* + Current Date
  + Client Name
  + Street Address
  + Postal Code
  + Phone Number (Include Radio Button choice for business or personal)
  + Email
  + Choice of Pickup or Delivery

Use the appropriate HTML 5 input types to control the input. Use the appropriate regular expressions (pattern) in these input fields

* Client Name
* Postal Code
* Phone Number
* Email

Here is a list of the ‘food hampers’ the company can supply and the prices:

|  |  |
| --- | --- |
| Hamper Name | Prices |
| Vegetable Hamper | 20kg: $30.00 |
| Fruit Hamper | 10kg: $20.00 |
| Fresh Chickens | $4/kg |
| Pork | $5/kg |

The client can choose 1 or more of each hamper. If the client chooses Fresh Chickens they will enter the number of chickens to purchase. If the client chooses pork, they enter the weight in kg.

This application will be inside a form. When the client chooses submit, the page will display:

Name

Address

Pickup or Delivery

Details of order

Example

Chuck Jones

858 Looney Way

Delivery

Order:

2 Vegetable Hampers

3 Fresh Chickens

2 Kg Pork

Your page should have a ‘header’ that will include the name and a company logo for Western Valley Farms. Incorporate background images or colour.

Submission:

Create a directory on your computer: cprg256/assignment1. Place all of you files and folders into this directory, ‘zip’ up the contents and submit it to the Brightspace course site by the due date.

Grading:

Part A: 15 Marks

Part B: 15 Marks

Total: 30 Marks

For both Part A and Part B, the grade breakdown will be:

10 Marks: Functional Requirements: All elements have been incorporated

5 Marks: Appearance and good use of Interface Design.