

CPRG 256
ASSIGNMENT 1
USING CSS AND HTML



This is an individual assignment submission.

Part A:

Create a valid HTML5 document. Using *mining_the_sky.docx* as a source, together with *screenshot.png* as a visual guide, copy and paste content from the Word document into your HTML document, adding appropriate markup and an external stylesheet to create a web page that appears as close as possible to the page shown in the screenshot provided.

Apply the following caveats and changes:

All images required should be inserted into your page; *asteroid.png* is provided for your use. You may need to resize, format and optimize the image before inserting it into your page.

Link the words and names of NASA Goddard Space Flight Center and NASA - to appropriate web resources.

Style the links to match that shown in the screenshot.

As much as possible, write your CSS in the linked style sheet.

The headline and body text is set in Fira Sans, available from Google Fonts. The quoted text is set in Slabo 27px, also available from Google Fonts.

Your CSS must incorporate these Responsive Design elements: The font and pictures must be reduced to when the picture is resized for a 350px screen size and 500px screen size.

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	\$7.00 per Chicken
Pork	\$5/kg

The client can choose one or more of a Vegetable or Fruit hamper. If the client chooses Fresh Chickens they will enter the number of chickens to purchase. If the client chooses pork, they enter the total weight they want to order 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

Total order: \$91.00

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 your files and folders into this directory, 'zip' up the contents and submit it to the Brightspace course site by the due date.