# **Midterm: Web Foundations: PART B Create a web page with CSS (35 marks)**

Use HTML and CSS to create a web page with a **semantic element** layout and the following specifications:

## HEAD Element (5 marks)

* Update the title element in the head.
* Add two meta tags to improve SEO.
* Link both CSS files in the correct order

## HTML (10 marks)

* Include a html comment containing your name and student number.
* Create a header element and nest an h1 inside with appropriate content.
* Create a main element.
  + Nest two figure elements that have the images provided nested inside along with a caption.
    - Ensure both images have alternative text.
    - Give each figure an id attribute.
  + Nest a section element.
    - Add a h2 element ‘More Information’
    - Create an unordered of links to websites about the animal in your images (i.e either cats or dogs)
      * Add an attribute to open the links in new tabs
* Create a footer element.
  + Nest a paragraph inside containing a copyright symbol and your name and current year.
* Create a class for the footer, main and header ‘structural’

## CSS (15 marks)

* Create a Body rule set: define the width to 100%, set the max-width to 1200px the margins to auto and create a font declaration using the shorthand font property include all six properties.
* Using the class selector for structural set the margins and padding to 10px each
* Set a color and font size for the h1 element.
* Set a color and font size for the h2 element.
* Set the height property for the main section to 70vh.
* Create an image ruleset creating a border using the shorthand property and set the width to 90% and the height to 80%
* For both figure elements create a ruleset to set a background colour, set the width to 45% and the height to 60%, set the margins to auto and set 10px of padding.
* Float one figure right and the other figure left.
* Give the section element a clear property.
* Change the caption, font-weight, size and colour. Add 5px of padding.
* Change the link colour.
* Change the link colour when hovering.
* Change the list bullet points and increase the line height.
* Set the same background colour for the header and footer.

## GITHUB (5 marks)

**Ensure that you have completed the midterm set up if not complete that first.**

1. Open Git Bash from inside the working directory by right clicking and selectin open Git Bash here.
   1. If you are a mac user open your terminal and type the command cd and then drag your working directory into the console and hit enter
2. **Type the following commands:** 
   1. ls
      1. your files should be listed as expected. (css images and index)
   2. git init
      1. initializing git
   3. git add .
   4. git commit -m’midterm final commit’
   5. git push -u origin master

## Submitting:

Zip your working directory and submit to the eConestoga midterm dropbox. Include the link to your live page that you created in the midterm set up.

A collage of cats wearing sunglasses

Description automatically generated