

# Activity: Create a website for an art gallery

## General Instructions:

- 1) Imagine you are creating a simple webpage for an art gallery.
- 2) Follow the steps in the following slides to add a heading, a menu, an about page, a footer, and images to the webpage. You will also need to modify the style of the webpage.
- 3) Submit your final webpage to A2L.

**\*note:** *This activity has 4 parts (go to the next slides to see detailed instructions).*

**Part 1:** Open an html file in TextEdit and on the web browser.

- Objectives:
  - Configure TextEdit for html code
  - Familiarize with opening html files in the browser

1. **Start** by setting up TextEdit preferences. Do the following:
  - + In the TextEdit app on your Mac, choose TextEdit > Preferences.
  - + Select "Plain text"
  - + Now, click "Open and Save", and select "Display HTML files as HTML code instead of formatted text."
2. **Download** the "GalleryWebsite-activity" folder from A2L -> tutorial 10.
3. **Open** the "index.html" file in TextEdit (at this point TextEdit should only display the code, if it isn't, go back to step #1).
4. **Open** the "index.html" file in the Chrome browser (if you see a bunch of empty boxes continue to the part 2).
  - + In Chrome, click "Open File" from File menu, or use the  $\mathcal{H} + O$  keyboard shortcut.

**Part 2:** Create a heading, a menu, and an about section using HTML elements.

- Objective:
  - Familiarize with basic HTML elements (h1..h6, p, ul, li, a).

1. **Imagine** you are creating a webpage for an Art Gallery.
2. **Replace** the comments inside the "index.html" file using TextEdit. Replace with the following:
  - + <h1> A **heading** related to the art gallery you're making the website for</h1>
  - + <ul> A menu displaying a **list** of the gallery's subpages <ul>. E.g. "Home", "Art Work", "Contact".
    - + Remember how to create lists here:  
[https://www.w3schools.com/html/html\\_lists.asp](https://www.w3schools.com/html/html_lists.asp)
  - + <p> A **paragraph** describing what's the gallery about</p>
3. **Save** the changes done to the "index.html" file in TextEdit.
4. **Open** the index.html file in the Chrome browser to see your changes.

## Part 3: Add images.

- Objective:
  - Familiarize with HTML image element.

1. Find 3 images related to your topic.
  - + Download and Save them inside of "webpage-project2" > "images"
2. Insert the images in the index.html file (Insert them below the comment "insert your images here" in index.html).
  - + Explore how to insert HTML images here:  
[https://www.w3schools.com/tags/tag\\_img.asp](https://www.w3schools.com/tags/tag_img.asp)
3. Add a footer with information such as your name, date, and location. (Create the footer below the comment "insert your footer here" in index.html).
  - + Use `<p> </p>`
4. Save your changes and visualize them on the browser.

## Part 4: CSS fonts, colors, and borders

- Objective:
  - Familiarize with CSS fonts, colors, and borders

1. **Open** the "theme.css" in TextEdit (This file is inside the "webpage-project#2" folder).
2. **Modify** the **fonts** and the **colors** inside "theme.css".
  - + **Remember** how to modify CSS **colors** here:  
<https://www.w3schools.com/colors/default.asp>
  - + **Remember** how to modify CSS **fonts** here:  
[https://www.w3schools.com/cssref/css\\_websafe\\_fonts.asp](https://www.w3schools.com/cssref/css_websafe_fonts.asp)
3. **Modify** the **borders** inside "theme.css".
  - + **Explore** how to modify CSS **borders** here:  
[https://www.w3schools.com/css/css\\_border.asp](https://www.w3schools.com/css/css_border.asp)
4. **Save** the changes done to the "index.html" file and visualize them on the browser.
5. **Submit** a compressed folder with your "index.html" file, "theme.css" file, and your "images" folder to A2L.

# Additional resources

**Learn HTML:** <https://www.w3schools.com/html>, <https://www.w3schools.com/tags/>

**Learn CSS:** <https://www.w3schools.com/css>

**Editors:** [textEdit](#), NotePad, Gedit, [Atom](#), [Adobe Dreamweaver](#).