

INFO1217 – Final exam practical

You have been asked to create a new layout for London Irrigation. For the time being only the index.html page needs to be designed. I have provided the index file for you to start with. Feel free to make modifications if necessary.

The following are requirements for the new layout.

- The company would like you to add an email link to your address for the contact us link.
- The search engine rankings are quite low for the site and they need you to look at the code and see where you can edit or add some more keywords.
- Create a new layout for the site using an external css file. They have requested the layout be centered in a wrap with the page background color set to #142e14. They would like the background of the wrap to be white. The wrap should be flexible in its width.
- The font for the main text is up to you, but should be a serif font. For the headings use the Cuprum google font. <https://fonts.google.com/> Apply a text shadow to the headings using CSS. Use relative font sizes.
- The client would like a 2 column float layout with the section element on the left (about $\frac{3}{4}$ width) and aside on the right (about $\frac{1}{4}$ width). You may use floats, positioning or css grids for the 2 column layout. Float the images in the section to the left and add whitespace between image and text. The navigation links should go across the page from left to right. Ensure that you put some styling into the list of links to draw attention to them. Include a hover state that changes the color of the links and rotates them a couple degrees. The links should have a transition applied for minimum of 500ms.
- Everything else about the layout is up to you. Feel free to use more images or latin text if you like.
- Create a small screen layout for the site using media queries that converts the site to a single column layout. Make sure the banner image resizes at the smaller resolution and hide all the images in section element. Have the links display vertically. Have the small screen take effect at 600px.

You are allowed to use whichever tool you like (Notepad++, Notepad, Visual Studio Code, etc). Feel free to validate your css file before submitting. No communicating with anyone during the test. You are allowed to access class notes/examples. Inline styles may be used in moderation.

As you create the site make sure you save your files to the folder you downloaded. When you are finished, rename the folder as **yourLastName_Final**. Then zip the entire folder (including images) and upload to the Final Test submission box.

Marks will be based on:

- Clean, original design and layout and above requirements have been applied (3 marks)
- search engine optimization techniques applied (3 marks)
- use of google font and shadows for headings, serif font for rest using relative sizes (3 marks)
- modification of the page background and wrap setup (2 marks)
- navigation with hover styles and transition applied (3 marks)
- link to email address (1 marks)
- use of an external CSS file (clean and error free) to create the look and feel of the site (3 marks)
- media query for small screen with a linear layout and section images hidden (4 marks)
- marks will be deducted for excess code
- **Total of 25 Marks**