

F27WD Web Design and Databases HTML and CSS

Download [HTML_Examples.zip](#). This zip file contains the examples from the Class and also HomepageTemplate.html.

- Copy the entire directory into public_html (including the images directory).
- Make a copy of HomepageTemplate.html and change the name to index.html making sure to rename index.html if you already have this file
- Bring up a browser and open the following URL (swapping “username” for your OWN username)
http://www2.macs.hw.ac.uk/~username
e.g. http://www2.macs.hw.ac.uk/~dx112

- You should see the example website.
- Open up index.html in a text editor. You will see the html code that we discussed in the class. Instead of your regular text editor, you can also use Bluefish, which is a fancy text editor for HTML. Got to Programming  Bluefish Editor
- Now modify the HTML
 - Add a picture,
 - Add some text with headers,
 - Add links to your favourite websites,
 - Add a list of skills that you have learned so far at Uni that might be useful for future employers (e.g. programming languages, group work, report writing, explaining code etc.). This part is obligatory.
- Try validating the website by going to <http://validator.w3.org/>. Either cut and paste the HTML or put in the entire URL e.g. <http://www2.macs.hw.ac.uk/~dx112> (not just the local file location)
- Try validating the file HomepageTemplateNotSoValid.html.
 - What error message do you get (they can be a bit cryptic!)?
 - Find the error.
 - Fix the error and revalidate.

Part 2: CSS

Download CodePart2.zip from the course website save the files in public_html. Bring up Lollies.html and stylesheets/sweet.css in your favourite editor. Also bring up Lollies.html in a browser (e.g. firefox). The URL will be something like this:

http://www2.macs.hw.ac.uk/~username/CodePart2/Lollies.html

1. In Lollies.html, change the lime paragraph to include all of the classes, like this:
<p class="lime strawberry orange swirl">

Save and reload in a browser. What colour is the Lime Lolly paragraph now and why?

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2. Next reorder the classes in your HTML:

<p class="strawberry orange swirl lime">

Save and reload. What colour is the Lime Lolly paragraph now and why?

3. Next, open your CSS file and move the p.lime rule to the bottom of the file. Save and reload. What colour is the Lime Lolly paragraph now and why?

4. Move the p.strawberry rule to the bottom of the CSS file. Save and reload. What colour is the Lime Lolly paragraph now and why?

5. After you've finished rewrite the lime element in Lollies.html to look like it did originally

<p class="lime">

Save and reload. What colour is the Lime Lolly paragraph now and why?

Part 3: CSS for your homepage

Go back to your homepage you created in Part 1. Create a CSS file. Give a link to this CSS file in the index.html. Play around with the style, for example:

- Add background colour,
- Change the colour of the headers,
- Underline one of the headers,
- Create a separate class for the skills paragraph <p>,