Session 3 Notes

Learning Outcomes

Elements

Difference between inline elements and block level elements `div` and `span` tag

Attributes

`class` `id`

CSS

`text-align` `border-<side>` , `background-color` , `font-family` , `font-size` , `margin`

Development and workflow

brackets.io can now be demoed as it's on the `I:` drive.

Important Points

After the initial lecture/intro cant check each students learning log is an HTML page and up to date.
The URL's must be relative, also `\` paths won't work once on the server
There should be no space in the file paths

Please be really strict with the register, it looks like the course access system is working now, so just use that.

Lesson plan

0-5 mins

Demo brackets (it's now installed on the i drive), show the students the live preview window. Also, I'm going to use it for my in-class demos.

5-10 mins (slide number 2,3)

Press the fact that they need to be getting on with the assessment. Use slide 3 to give a visual representation of what the deliverables should look like.

10-15 mins (slide number 5) and use DEMO1...html

Demo the difference between inline and block elements. Also, stress that students should use this template to create their own skeleton file.

20-25 mins slide (slide number 6, 7, 8) and use DEMO2

Demo 2 is styled just look at the html structure at this point

Intro the `id` and `class` attribute. `id` must be unique `class` can be used to many times. Also talk about the concept of `div` and `span` tags. We also wrap the content in a `div` with an id of `wrapper` or `content`. We must use comments and indentation to indicate which div we're closing, things can get messy.

`class` **and** `id` **names are a free choice**, but make them meaningful.

25-35/40 mins Introduce CSS use DEMO2

Three types of styling option, **inline, internal, external**, we prefer external. Must place the link in the head, this link is included in the html5 session 2 template
`<link rel="stylesheet" href="css/styles.css">` **Key Points**
- We can style HTML tags/selectors directly for the whole document `h : {... }`
- Remember body is where everything visible is shown, so we can set things like the text for the whole document
- We can group common element that share the same styles
`table,th,td:{border: 1px dotted #000000` - How to style classes and ids
- **Optional** `margin: 0 auto;` shorthand, I'm just going to say it's for centre aligning a div

30 Mins kick off task for the week

Check that everyone is up to speed with their learning log - last week's task, check with each individual and check their code and structure
Make sure people have duplicated week2's task and placed it in a session folder