

Questions Data Processing 1st week

Caroline Azeau, 10334858

4 september 2015

1. **At a high level, what is the purpose of HTML and CSS? How do the two differ?**

HTML gives content structure and meaning by defining that content. CCS is a presentation language created to style the appearance of content.

So HTML will always represent content, and CSS will always represent the appearance of that content.

2. **What is the purpose of assigning a class to an HTML element? What is the difference between a class and an id? How would one select a division (div) element with class box using CSS?**

The purpose of assigning a class to an HTML element is to classify this element. After classifying an element we can give every element of the same class the same appearance.

The class attribute classifies elements into groups and the id attribute identifies one specific element.

We can select a division element with class box using CCS as shown below:

.box{ . . . }

3. **List 5 different HTML elements and provide a short description of the function of each.**

- `< a >`: Defines a hyperlink
- `< strong >`: Defines important text
- `< p >`: Defines a paragraph
- `< button >`: Defines a clickable button
- `< em >`: Defines emphasized text

4. **What is the difference between margin and padding?**

The margin property allows us to set the amount of space that surrounds an element. The padding property is very similar to the margin property; however, it falls inside of an elements border.

5. **Consider the Gmail Inbox interface. How is the site functionally divided? Create a nested list representing this functional division.**

- page
 - header bar
 - Google logo
 - search bar
 - search button
 - links to various Google sites
 - horizontal line
 - Gmail button
 - selection button
 - refresh button
 - 'more' button
 - number of e-mails
 - page scroll buttons
 - options button
 - side bar
 - new e-mail button
 - various e-mail maps
 - body
 - primary e-mail
 - social e-mail
 - reclame