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

➔ HTML gives content structure and CSS gives a certain appearance or style to 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 "id" attribute *identifies* and element, the "class" attribute *classifies* an element. Both attributes provide more information about a specific element. One could give an "id" to a certain div to identify its purpose, and multiple divs can then be given the same "class" to style them in a certain way. An "id" can only be used once, but "classes" can be used multiple times.
➔ .box {}

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

➔ div = defines a section
➔ a = defines a hyperlink
➔ body = defines the document's body
➔ img = defines an image
➔ p = defines a paragraph

4. What is the difference between margin and padding?

➔ The space between the content and the border is called ´padding´, while the space outside that border up until the next element is called ´margin´.

5. Consider the Gmail Inbox interface. How is the site functionally divided? Create a nested list representing this functional division. Don't worry about extremely fine details; this should help you start:

```
page
  top bar
    links to various Google sites
  header bar
    left side
      Google logo
      search bar
      search button
```

```
page
    top bar
        logo
        search area
            input field
            search button
        user area
            username
            Google products menu
            notifications
            user account menu
    secondary header
        Gmail menu
            Gmail
            contacten
            taken
        select menu
            alles
            niets
            gelezen
            ongelezen
            met ster
            zonder ster
        refresh
        more
        pagination
        settings
    left menu
        Inbox
        Met ster
        Belangrijk
        Verzonden berichten
        Concepten
        Kringen
        [Imap]/Trash
        [Mailbox]
        Contacts
            Contact 1
            Contact 2
            Etc.
    Main content
        Primair
            Email 1
            Email 2
            Etc.
        Sociaal
            Email 1
            Email 2
            Etc.
        Reclame
            Email 1
            Email 2
            Etc.
    Footer
        Space used
        Copyright links
        Account activity
```