

Even though HTML is, per its own acronym, a language, why would it be incorrect to call HTML a programming language?

Because HTML allows us to format without having control of the flow.

In your own words, what is the action attribute of an HTML form used for?

The form tag is used when collecting data and send it, as a real formulary.

What is a CSS selector?

CSS selector applies style on an HTML page, like color, alignment, and font.

Among the HTTP status codes below, which is commonly used to instruct a browser to check its cache for the requested resource?

- ☐ 200
- ☐ 302
- ☒ 304
- ☐ 401
- ☐ 404

Among the HTTP status codes below, which suggests a server error rather than a client error?

- ☐ 200
- ☐ 301
- ☐ 403
- ☐ 418
- ☒ 500

Dive into HTML

For this challenge, you might find it helpful to skim or search <http://htmldog.com/guides/html/> and <http://htmldog.com/guides/css/>, which build upon concepts from lecture. Here, we'll use a site called replit.com, which provides a lightweight online IDE for writing simple programs. We recommend you log in using your GitHub account at replit.com before beginning (this will make it a lot easier to find and rename your "repl"s if you need to go back), but it is also okay to create so-called "repl"s anonymously.

Visit <https://replit.com/@dlloyd09/CS50xCourseWebsite>. First, at the top, click "Fork"; then a new "repl" unique to you will be created. There you'll find a basic website started by Doug, with mostly-empty files `index.html` and `styles.css`.

Now let's have you make an actual website with multiple pages. To view (and thus test!) your web page, remember to click the Run button at the top to open your website in the embedded browser. Be sure things work as expected before you submit!

We'll leave its design largely up to you, subject only to the following requirements:

- i) Your website's main page should live in `index.html`, since most web servers serve up `index.html` by default, in the absence of an explicit file name in a URL.
- ii) Your website must include a least one other page (with any filename, so long as it ends in `.html`), and your website's main page (i.e., `index.html`) must somehow link to that page. You can click "Add File" icon at the top of the embedded file browser to add a new file to your "repl".
- iii) Your website must include at least one image. Note that the embedded file browser also has a mechanism for uploading files from your computer, though you may also use images already on the internet.
- iv) Your website must be stylized with at least several CSS properties, which must live in `styles.css` (an "external stylesheet"), just as we saw (briefly) in `css4.html`. Your CSS needs to ultimately end up connected to your HTML, as well.
- v) Your website should be more complex than those from class (but much less complex than Harvard's home page!). As such, your website should probably use a few dozen HTML tags overall, plus several CSS properties.

Alright, make us proud!

To submit your work, follow the instructions below. Read them carefully and fully to ensure you submit properly!

To view (and thus test!) your web page, remember to click the Run button at the top to open your website in the embedded browser. Be sure things work as expected before you submit! To submit your work, copy the URL of your repl (from the URL bar) and paste that link here. Do NOT select the "Post" option. Do NOT attempt to "Invite" us and share your "join" link—one that contains `/join/` in the URL—this will result in a zero for the question if you do, because it is very likely to break, and therefore be inaccessible to the staff, if you share it with anyone else. Do NOT share the link to your live webpage, which will end in `.repl.co`, typically.

<https://CS50xCourseWebsite.paulazaidel.repl.co>

Have you tested your website to ensure that your site runs without errors and your CSS is properly linked?

Remember to click the Run button at the top to open your website in the embedded browser.

☒ Yes

☐ No