

GEOG:3540 – Web Portfolio Questions

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1. What is a client and what is a server?

A client is the device or browser that asks for information. An example of it would be visiting a website. A server is the system that stores the files and sends them back when the client requests them.

2. How does a server know which file to read initially and why?

Most web servers are set up to look for a file named index.html by default. That's because it acts as the homepage or starting point for the site.

3. What does a code repository do and why is it important?

A code repository, like GitHub, is a place to keep and manage all your project files. It helps you track changes, share work, and go back to earlier versions if needed.

4. Why do we create external CSS files while we can use styling inside of an HTML?

External CSS files keep the code organized and separate structure (HTML) from styling (CSS). It makes code easier to read, reuse across pages, and update all at once.

5. What does the “div tag” do, and how is it useful?

The <div> tag is used to group sections of content together. It's useful for applying styles or organizing your layout without changing how the content works.

6. To describe styling in an HTML file, which tag do you need to use?

You use the <style> tag inside the <head> section of the HTML to describe internal CSS styling.

7. How do you create a link in the index.html which points to a file inside the same folder as the index.html?

You use a link like this: View File

8. What is a template and how is it useful for website building?

A template is a basic layout or design you can reuse when making web pages. It saves time and keeps everything looking consistent.

9. What does “pull” and “push” mean in using GitHub?

Pushing sends your changes to GitHub so they show up online. Pulling means downloading updates from GitHub to your computer.

10. Why do we need to run a local web server? How do we run a local server using Python?

Running a local server lets you test your site as if it were live, which helps especially with loading files or running scripts. In Python, you run a local server by typing: `python -m http.server 8000`