

Topic 1:

1. The internet is a series of networks that are nested in each other
2. The Web or the W3 would be a series of connected web pages or servers, the web isn't the internet itself
3. A. What are networks?
Computers that are constantly connected to each other.
B. What are servers?
Servers are computers that will store web pages and other bits of information that a client or user can use to get a response.
C. What are routers?
A router is a great way to keep computer networks more simple and keep them connected
D. What are packets?
Packets are the way that servers send the information to clients, generally in small portions to transfer effectively.
4. Metaphors: The first one that comes to mind is the Internet is the skeleton/brain and the web is the guts/skin or the skeleton.
5. Figma link:
<https://www.figma.com/file/UQwkg7arAeJXkBDejD24Sa/How-the-Internet-Works?node-id=0%3A1>

Topic 2:

1. An IP Address is what locates the computer, the domain name is the "nickname" of the web page, it is also used to locate said web page
2. 104.22.12.35
3. The main reason would be security of users. It is good to keep your data safe, and your site users safe.
4. The computer will use DNS in order to check for the IP if it doesn't already know it.

Topic 3:

1. Initial Request,
I put it first because the request is what sets everything else in motion.
2. Browser receives HTML,
I put this second because I assume that the browser receives this right away so that it can begin to load up the web page that is needed
3. Request reaches app server,
I put this third because I assume that the html would request something from the app server.
4. App code finishes execution,
I put this fourth because I assume that the app has to return the proper information before the browser can properly load the page needed
5. HTML processing finishes,

I put this fifth because all of the information should be back and read at this point.

6. Page rendered,

I put this last because this is the end product/ result that the request would be looking for.

Topic 4:

Part A: Curl

1. It should have a success or failure code, it should mention HTML somewhere and the content type
2. It should be HTML in the content type
3. Yes, I made it based on what I remember on stuart's Demo
4. Yes, I thought it would be HTML, I'm not sure what else would be included.

Part B: Get

- 1.
- 2.
- 3.
- 4.

Part C: Post

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.