

Homework: answer questions

- IP Address

An IP address is a serial number assigned to each device connected to a computer network.

- Domain

It's a human-readable name that corresponds to the IP address, such as google.com

- Client vs Server difference

The client is a user device that will request data, and server is a supercomputer that stores data

- What is DNS and how does it work

DNS is a system that can transfer the domain into an IP address.

- What is CDN and why do we need it

CDN is meant to help serve to deliver web content such as images and videos. It helps improve website performance and reduce latency.

- what are restful APIs

Representational State Transfer, is a set of principles for building a website. Using standard HTTP methods: GET POST PUT DELETE.

- what HTTP methods are there
get post put delete
- what are some status codes

- 200, 401, 403, 404

200: ok, 401:unauthorized, 403: access denied, 404: not found

- What is semantic HTML? Give examples

using HTML elements let the code make more sense, for example, <header>, <nav>, <article>, <section>, <footer>

- What is the meta tag

metadata about the document, such as the Description of the website, the authors...

- what are HTML attributes

Like src, href, class, and id

- what is local storage vs session storage vs cookies

local: persistent storage in the browser with no expiration

Session Storage: Storage that lasts for the duration of the page session.

Cookies: Small pieces of data stored on the user's device with an expiration date.

- What is accessibility and why is it important

It ensures that everyone, regardless of their abilities, can access and interact with digital content, websites, and applications.