What did I/we learn:

Couple questions asked:

Why does company's post code for people to see but disallow anyone from editing, using, etc.?

Any good alternative to Bootstrap?

Went into depth of general CSS usage of common pages like google.

-How images were implemented and text.

-Hyperlinks and how resources are handled.

-Div usage (div within div's)

AJAX

-What is AJAX.

Web socket; long polling and short polling.

-Short polling: client constantly checks/asks for any new data from the server.

-Long polling: instead of constantly checking like short polling, client waits/leaves a connection, and checks only when new data is sent from the server.

Browser differences (Firefox vs chrome)

What you should do and shouldn't do in terms of CSS.

- EX: In dark mode, don't use green and orange stripes as the background. Black and blue is a common use for dark backgrounds because its easier on the eyes.

Animation (key frames)

-How it looks like on a webpage.

-A brief look into how it might look like in code CSS.

Typescript vs JavaScript

-Typescript gives warnings to possible errors like comparing string and int.

-JavaScript is more "open" for example; a bunch of symbols can be used to represent a single string, class, functions, etc.

Bootstrap

-What is bootstrap.

-Any alternative to bootstraps.

REST API

-REST = Representational State Transfer.

-It's a way to access data from a server.

-HTTP is way for it to access data by either: GET (getting), POST (posting), etc.

-A GET request is used in the URL by calling "app.get()" function which will request data.

-A POST request will send data to be created/updated into a server.

JSON

-Its the data info of JavaScript.

-A way to represent JavaScript in readable text.

-Such as Array of values.

-Allows use of manipulating data and transfer data objects between client and server.

POSTMAN

-Used to test API's for user's code without having to test it on real databases.

-Responds with mock data for testing.

SQL vs MongoDB

-Different way of representing data. Mongo stores data in json documents. SQL stores data in table-like storage (rows and columns).

-Different way of how it query's data and getting/updating data.