Node Servers

* This stitches the backend to the frontend
* Mantra: I know nothing.
  + Use this opportunity to establish good habits
  + Be humble
  + Ask good questions
  + Talk things out with others
* Server:
  + A computer that’s always connected to the internet
  + Listens at a certain spot for something to happen
  + Can be used to store data, listening to see if anyone wants that data
  + Hardware Server: computer continually connected to the internet
  + Software Server: code that listens for specific activity, then responds when it happens
    - Thru AJAX calls/responses
  + **The machine and code that handles requests and responds to them**
  + Server-side functions:
    - Database calls
    - Authentication
    - API calls
* Client:
  + Browser, device
  + Anything that requests data from the server
  + Web page that is served up
* Client and server communicate with each other:
  + HTTP (Hyper Text Transfer Protocol)/HTTPS (secure)
  + REST APIs (Representational State Transfer)
    - Transferring the state of a certain application to our client
    - There’s also SOAP, but REST is better
    - Calls such as GET and POST
* Clout platforms:
  + AWS
  + Google Cloud
  + Heroku
* During development, our PC can simulate both server and client
  + Using a Local Server
* Method: A function that belongs to an object

**WE WOULD NEVER WANT TO HAVE TWO SERVERS RUNNING FROM THE SAME JS FILE!!**