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**Cyber4All/SecurEd Take Home Assignment Devlog**

12/31:

* I do not know anything about web API’s, express, and node prior to attempting these tasks
* What is an API? Application Programming Interface is code that allows for two or more computer programs to communicate
* 8:36pm - opened terminal to ensure /usr/local/bin is in my $PATH
* Angular 2+ is the current version of Angular
* 9:30pm: Error message preventing me from creating a project

1/1:

* 12pm Error message from last night: “zsh: command not found: ng” kept me from creating a project last night
* 1:07pm: After countless StackOverflow questions and youtube videos, the problem is partially resolved thanks to this StackOverflow post: <https://stackoverflow.com/questions/58138138/angular-cli-ng-command-not-found-on-mac-os>
* New warning message: “Warning: The current version of Node (19.3.0) is not supported by Angular”
* Need to update/downgrade Node version to 18.12.1
* “Error: sudo required (or change ownership, or define N\_PREFIX)”, “mkdir: /usr/local/n: Permission denied”
* 1:30pm Unable to successfully update current Node version
* 2:00pm Successfully downgraded Node version in use to 18.12.1 thanks to StackOverflow: <https://stackoverflow.com/questions/38775287/nvm-cannot-uninstall-currently-active-node-version>
* 3:11: after break issue seems to be resolved. I was able to load the webpage for a little bit before I encountered another issue while working on setting up the backend
* Attempt on backend
* 4:30pm struggling to run the backend

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# Backend attempt continued. I made another project to start anew and focus more on the backend.

* Final error messages that stumped me:

# [How do I resolve "Cannot find module" error using Node.js?](https://stackoverflow.com/questions/9023672/how-do-i-resolve-cannot-find-module-error-using-node-js)**” (**Project 2)

* + How do I resolve “zsh:1: command not found: npm” (Project 1)
* For Project 1 it is possible that I installed npm incorrectly
* Main resource used for Project 1: <https://www.youtube.com/watch?v=Zca69OB2b0U&t=598s>
* Main resource used for Project 2: <https://www.youtube.com/watch?v=l8WPWK9mS5M>
* With more time I anticipate that I will be able to make more progress but unfortunately due to the day I started I don’t have enough time to complete this assignment but I will still work on completing it outside of this application process.