

Lab 2

Due 2/4, before class

Copy everything you have for lab 1 into a new directory named lab2.

Take two or three free APIs around your app's theme and create an app that **synthesizes** all this information. To do this, you will need to continue to build your API that you started in lab 1. Your frontend **may only talk to Node**.

You will need to expand on your logic from the in-class work we did today. Instead of having an endpoint make one call to an external API, you will need to have your endpoints make multiple API calls and combine the results into a singular JSON object before sending it back to your frontend.

Other rules:

You should write at least half a dozen new GET endpoints. Every GET endpoint must return to the frontend a JSON object that contains data from **at least two** data sources. A data source is your JSON object with all your news articles (or whatever your data was from lab 1) and the external APIs. The frontend must then display this data nicely (think: all the things you did in Web Sys).

You must write at least one new POST endpoint. This POST endpoint must add data from at least one of your external APIs to your JSON object.

You must write at least one new PUT endpoint. This PUT endpoint must update data in your JSON object from at least one of your external APIs.

You do not need to write any additional DELETE endpoints. But you can for creativity.

Document running work log, where you got stuck, how you got unstuck, and all citations in your README.md file. **No citations = 0 on lab.**

Grading

API development	20 pts
Frontend	10 pts
Creativity	10 pts
README.md	10 pts
TOTAL	50 pts