

Data Map App

The data map was an app we made as a class that we had to expand on. We had to change the color of the map based on death rate. Second we had to make it so when you click on a state it shows the CDC website for extra info. Last we had to make it so the top label was changed to show the current weather of that state.

This was a good way to introduce changing objects based on data about it. It also introduced us to using spreadsheets in an app. We got to use the webviewer to change in real time, which we only had done once up until that point. But most importantly it taught us about using an API in our app.

Quiz App

This app was partially made in class, for enhancements we had 4 of them. The first one required you to make sure the answer wasn't case sensitive meaning if the answer was "Hello" the code would mark "hEllo" as correct. The second enhancement requires you to instead of just saying it is incorrect but tell them the correct answer. The third one had you add a random button to pick a random question from the list. Lastly It wanted you to add a extra question, answer, and image.

This project gave us a good start on vertical arrays. Vertical arrays that means 2 related pieces of data in 2 different arrays will have the same index. We also got to work with the upper and lower blocks meaning if you used an upper block on the text "hello" It would become "HELLO" and lower would do the opposite. We also used the join block

to join 2 pieces of text. Lastly we would use a random number generator to pick a random question from the list of questions.