Coding with Kids

Culminating Project Checklist
Coding with Kids > Level 4

Web Portfolio

- ❏ Write a properly formatted HTML document with links to necessary CSS and JS files.
- ❏ Create a homepage with nice styling.
- ❏ Write an "About Me" section that only includes information that is appropriate/safe to share online.
- ❏ Include a gallery of images or iframes with links to all each different Web and Python project.
- ❏ Include a page for each different project.
- ❏ Include pages for at least one Python game, one data analysis project, one CSS animation, and one JS game. May also include pages for any other projects as desired.

Python Project with Student Designed Class

- ❏ Identify an appropriate class that would help with the development of the project.
- ❏ Create the class using the correct syntax, naming conventions, and commenting.
- ❏ The class should include at least 2 instance variables, a constructor, and at least one other method.
- ❏ Appropriately utilize the class in the project.

Data Analysis Webpage

- ❏ Demonstrate knowledge of how to use at least 3 external Python libraries.
- ❏ Use Python to get data from an external source.
- ❏ Analyse the data and draw useful conclusions about the data set.
- ❏ Create a graphic in Python that helps illustrate your conclusions.
- ❏ Create a webpage that includes your graphic and an explanation of your conclusions.
- ❏ Include a link on the webpage to allow people to download the Python file(s).
- ❏ Use CSS to style the webpage.