



## Week 15: Coding Assignment

**URL to GitHub Repository:** <https://github.com/patrick-murrayjr/week15CodingAssignment>

**URL to Your Coding Assignment Video:** <https://youtu.be/iP1A-xTNpoI>

### Instructions:

- In Visual Studio Code, write the code that accomplishes the objectives listed below and ensures that the code compiles and runs as directed.
- Create a new repository on GitHub for this week's assignments and push this document, with your project code, to the repository.
- Include the URLs for this week's repository and video where instructed.  
Submit this document as a .PDF file in the LMS.

### Coding Steps:

- Using the Houses API, or any open API of your choice you can find online, create a single page that allows for all 4 **CRUD** operations to be performed on a resource from the API.
- Create a React component (or more, if needed) to represent the resource.
- Make all forms and other necessary UI pieces their own components as reasonable.

### Video Steps:

- Create a video, up to five minutes max, showing and explaining how your project works with an emphasis on the portions you contributed.
- This video should be done using screen share and voice over.
- This can easily be done using Zoom, although you don't have to use Zoom, it's just what we recommend.
  - You can create a new meeting, start screen sharing, and start recording.
  - This will create a video recording on your computer.
- This should then be uploaded to a publicly accessible site, such as YouTube.
  - Ensure the link you share is **PUBLIC** or **UNLISTED**!
  - If it is not accessible by your grader, your project will be graded based on what they can access.