


Activity 14: Load speaker data from the JSON file

The goal of this activity is for you to write the JavaScript code for loading data from JSON files whenever the links in the sidebar are clicked. If, for example, the user clicks on the third link in the sidebar, the Ajax request will return the data from the JSON file named `chua.json`. This will show how seamlessly Ajax can add new data to a page without reloading the page in the browser.



San Joaquin Valley Town Hall

Celebrating our **75th** Year

This Year's Speakers

October
Jeffrey Toobin


November
Andrew Ross Sorkin

January
Amy Chua

December
Scott Sampson

The Supreme Nine: Black Robed Secrets

October
Jeffrey Toobin
Author of the critically acclaimed best seller, *The Nine: Inside the Secret World of the Supreme Court*, Jeffrey Toobin brings the inside story of one of America's most mysterious and powerful institutions to the Saroyan stage. At the podium, Toobin is an unbiased, deeply analytic expert on American law, politics and procedure and he provides a unique look into the inner workings of the Supreme Court and its influence.



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[Validate HTML](#) [Validate CSS](#)

Part 0: Download files

1. Download **Activity14.zip** folder and unzip the folder
2. Verify there are no errors in the HTML and CSS files.
3. Rename the files to ***Lastname-Activity14.html***, ***Lastname-Activity14.css*** and ***Lastname-Activity14.js***.
4. You'll also find JSON, and image files for this application in this folder.
5. Review the code and make sure you understand the code. Upload it on server. Run this application to see that it starts with the information for the first speaker displayed, but the links in the sidebar don't work. Then, look at the HTML for this application to see that the starting HTML provides the content for the first speaker.
6. Review the data in the files in the `json_files` folder. There, you can see that there is one file for each speaker.

Web-Based Application Design and Development (ITIS 3135)**Part 1: Modify code**

1. In the.js file, write the JavaScript code for this application. Within the click event handlers for the <a> elements in the sidebar, use the title attribute for each link to build the name of the JSON file that needs to be retrieved. Then, use that name to get the data for the speaker, **enclose** that data in HTML elements that are just like the ones that are used in the starting HTML for the first speaker, and put those elements in the **main** element in the HTML. That way, the CSS will work the same for the Ajax data as it did for the starting HTML.
2. Don't forget to clear the elements from the main element before you put the new Ajax data in that element.
3. Upload it on the server to test it.
4. Verify there are no errors.

Part 2: Upload files to your Exercise folder in your webpages account

Verify that your final webpage is accessible from the server

Part 3: Turn in your activity

1. Log in to Canvas.
2. Go to the Activity #14 Submission link on the Canvas page. Upload the upload the .html, .css and .js files to the submission page.
3. In the Comments textbox of Canvas provide:
 - a. the URL of your html file on the web server. You must provide the correct URL to get credit.