

COMP1073 – Client-Side JavaScript

ASSIGNMENT 4

API's

DESCRIPTION

On your own, pick a popular Web app or service that offers a publicly available API. Create a simple page that demonstrates how to connect with the API using JavaScript. You may follow a simple tutorial that is provided by the same organization that built the API.

INSTRUCTIONS

1. Create an html file (index.html) and two folders which contain CSS and JavaScript for the assignment.
2. Dynamically add your student id and name somewhere on the index page using a p tag and JavaScript.
3. Choose a Web app or service that offers a friendly API with good documentation. If you are unsure whether your choice is appropriate, ask your professor.
4. Find within the documentation, a simple “getting started” section that shows how to obtain a key for the API, how to connect, and how to use it to obtain data.
5. Follow the documentation to create your own demonstration page on a Web server, using your own API key.
6. Learn how to make one or more calls to the API.
7. Output some data or information from the Web service to your page to demonstrate that it is working.
8. Include a link to the tutorial or documentation page that you followed to create your page (very important – this demonstrates academic integrity).
9. The JavaScript and CSS file should be linked to the html. Don't forget to use defer if you are adding script in the head section.
10. Once you've completed the functionality of the interface, add some CSS to make the page visually attractive (don't spend too much time on this – the focus is the JS).
11. Ensure that all your HTML, CSS, and JS is well-commented, formatted, and organized.
12. Upload your application to a live website. (GitHub Pages or any other that works for you.)
13. Post the URL to Assignment 4 on Blackboard.

SUBMITTING YOUR WORK

Upload the HTML, CSS and any media files to a web server and then post a link to the document in the assignment on Blackboard. Your work will not be graded unless it is posted on a web server.

EVALUATION

Please refer to the assessment rubric with the assignment on blackboard for more evaluation details. You will be graded on how well you followed the assignment instructions from both a technical and a creative perspective as spelled out in the rubric. This assignment is weighted in terms of your final mark as indicated on the course syllabus.