

JQUERY

This worksheet aims to be a first contact with the Javascript library jQuery. The purpose of these exercises is to explore the framework and test its integration with HTML content.

1) MY FIRST JQUERY PAGE

- Create the folder "CAD/Worksheets/05-jQuery/part-1" and copy the pages and css folders from last class. It is important to follow this structure to later use GIT. Copy to the folder all HTML files from the previous worksheet;
- Adapt your Javascript code (that should be at "CAD/Worksheets/05-jQuery/part-1/js//index.js" to use the jQuery framework (you can use a CDN or download the jQuery locally);
- Check if the solution is HTML compliant;
- Commit and push your changes to the remote repository.

2) HOME SWEET HOME WEATHER

- To the Home Sweet Home Dashboard (index.html) add a new Panel for the weather, with the following information: Temperature (current), Max. Temperature, Min. Temperature, Humidity, Sunrise time, Sunset time and the time when this information was fetched;
- Use the API from openweathermap.org to fetch the weather information. The API call should have the structure:
`https://api.openweathermap.org/data/2.5/weather?units=metric&q=leiria&appid=<YOUR_KEY>`;
- Change the weather panel to show when (in minutes was the information fetched). The time should be dynamically updated: during the first minute should show in seconds, after and before the first hour in minutes and after that in hours.