Background

You are a developer at Initrode a company that has approximately 500 employees in the same office. Each employee has a piece of software installed on their machine that is a dashboard of company statistics.

One part of this dashboard makes a call to the https://open-meteo.com API and the graph data returned for the day's weather forecast is displayed on the dashboard.

Recently this API has been returning 429 (too many requests) response to the dashboard. The business has decided to implement a caching layer using your skills as a Symfony developer instead of paying for a commercial license.

Requirements

You have been tasked with creating a Symfony app to act as a caching layer between the Open Metro API and the employee dashboard.

The requirements are:

- A single endpoint that the dashboard can call to get the Open Metro data
    - No authentication or authorization is required here, this will be open to the public
- The endpoint will always call this Open Metro endpoint: https://api.open-meteo.com/v1/forecast?latitude=52.52&longitude=13.41&current=temperature_2m&hourly=temperature_2m&forecast_days=1
- The endpoint will cache the result from the API call for **5 minutes**, returning the cached results if it has them
    - How you cache the results is up to you

The business hopes by adding in this caching layer the business can avoid paying for a commercial license for the Open Metro API.

What are we looking out for

This task is designed to evaluate how you solve problems and your coding style. To help us understand your thought process could you please add code comments and commit messages that will explain your choices.

Code that adheres to the Symfony coding standards will help us with readability:
https://symfony.com/doc/current/contributing/code/standards.html

How to submit the completed task

We want the code in a public repository that we can clone.

Going the extra mile

If you find you complete the task with lots of time to spare, adding PHPUnit tests to the app would be a great way to show off your skills.jam

To reiterate these are entirely optional and will not count against you if you don't complete this.