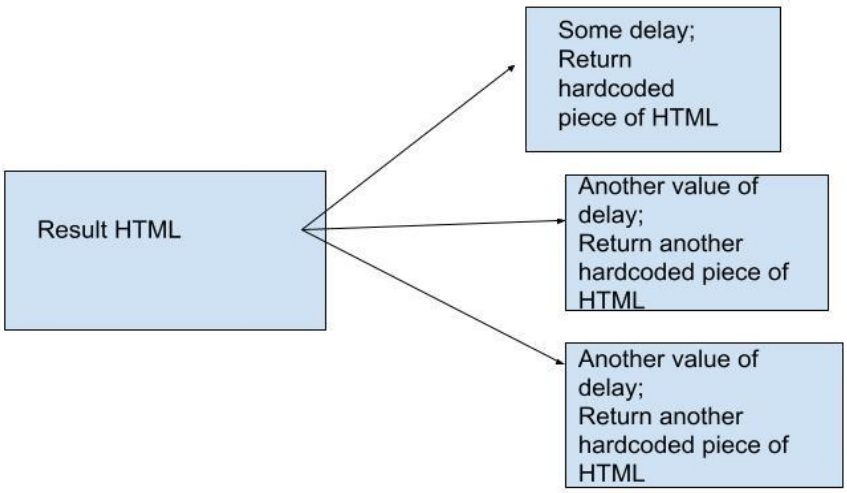
Dear candidate, please create a small Spring Boot project based on the requirements below:

1. Choose any modern version of Spring Boot (3.0.0+) and any modern version of Java (8+) which is compatible with that version of Spring Boot.
2. Please use Maven for building the project.
3. Create a couple of REST endpoints:
    a. First endpoint will be responsible for retrieving the HTML file, that application will generate based on the following logic:
        i. You need to mock the method for generating the HTML content, you can hardcode some piece of HTML component and a delay after which the “generated” html will be returned.
        ii. The main idea here is to parallelize generation, e.g. running the method in multiple threads in order to simulate a concurrent generation of the multiple pieces of HTML file.
        iii. We should wait intil all of the tasks (you can choose amount of the tasks based on the available CPU cores on your machine) and combine all of the pieces into a single file that will be returned though the endpoint.



    b. Another endpoint will be responsible for accessing some data from third-party API:

    i. You need to add some service which will have a method for making a request to a third-party API.
    ii. Please mock the method that will simulate the third-party API. With certain frequency it should return status 429 to simulate that third-party API has a rate limiter.
    iii. To avoid that problem - you should create your custom annotation for the method that will do a request. The purpose of this annotation - retry a request using an exponential backoff mechanism.
4. (Optional) This one is optional, but it will be a great advantage - please add a docker support for your project, e.g. Dockerfile that will allow to run your project.