

# Lead developer test

Congratulations, you already passed the first step of Correvate recruitment process.

The goal of this test is to assess your technical skills, structuring projects and writing good code. You can take your time to do the test and then return the answers by email.

Before we start, just some context, for the following coding exercises you can assume they represent requests of proof of concepts made by the product owner of the company and, they will be transformed into actual products and maintained/extended by other developers.

## Java test

Estimated time: 1.5h

1. Create a SpringBoot app with an endpoint to receive a list of files (form-data) and return a zipped file containing the input files.
2. Package the app in a Docker image and provide the instructions to run.

Please provide the code used.

## Software development process

Estimated time: 15min

Please name the steps you would consider when defining a SDLC for a SaaS application. Provide a brief description of what is covered by each step and the tools you'd use/setup to facilitate it.  
Make sure your answer is technically focused.

Good luck,  
André Louçã

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