

Coding Challenge

Assume a reputed organization wants to start a new E-commerce business in your area. Your task will be to create an application and expose several APIs.

You must follow the TDD approach.

API to be exposed

- Create an API to return the wish list of a customer.
- Create an API to return the total sale amount of the current day.
- Create an API to return the max sale day of a certain time range.
- Create an API to return top 5 selling items of all time (based on total sale amount).
- Create an API to return top 5 selling items of the last month (based on number of sales).

Framework Requirements

- An IDE of your choice
- Spring Boot 3.2.2 or Quarkus
- JDK 21 or JDK 17
- Use the latest docker version

Setup

- You may use any open source database.
- You may use any library to dump initial data.

Using your own Architecture

You are free to do the challenge using your selected Architecture

Log Visualization

- You may use any tool for log visualisation.

General Instructions

- You may use any further tools to optimize your solution.

Submission

- Create a public repository from your github account and send us the github link of your application. Please note that your commit history in github will be reviewed during the evaluation of your application.