

JONES

Intro:

Yammie restaurant has recently gained huge success and popularity. The restaurant owners want to expand and start offering their services online. They want to optimize their ordering process, and in order to achieve the best optimization, they have already developed a Client solution based on React.

At this point they reached out to us and asked our developers to implement a Backend API to manage their orders.

In this exercise you will be asked to implement a Rest API backend for the restaurant.

Please follow the instructions below:

- **Server Functionality:**

- The API should support the following functionality:

- Save new order
- Get all orders from the last day

Think of the best design to achieve this goal and implement it.

The API should be informative, clear, and easy to consume.

- **Implement the server in NodeJS or Java.**

We recommend using Express (NodeJS) or IntelliJ Community Edition (Java) framework.

- NodeJS:

- <https://docs.npmjs.com/downloading-and-installing-node-js-and-npm>
- <https://expressjs.com/en/starter/hello-world.html>

- Java:

- <https://www.oracle.com/java/technologies/downloads/#jdk18-windows>

- <https://www.jetbrains.com/idea/download/#section=windows>
<https://www.jetbrains.com/help/idea/your-first-spring-application.html#add-greeting-method>

- The server should follow **RESTful API rules**
<https://searchapparchitecture.techtarget.com/definition/RESTful-API>
You should be acquainted with REST-API Principles
- Try to catch edge cases and avoid unexpected behavior
- Write clean code and follow common conventions of the programming language that you chose
- When you write the code, please aim for and put emphasis on:
 - Informative logging
 - HTTP error codes
- If you need to save data, you may use any solution that you find (database, json files, etc.)
- Add unit tests

Overall: The code should be “production ready”

When you are done please send us:

1. A link to the git repository or zip file that includes your code and used modules.
2. Instructions on how to run the code

Feel free to contact us regarding any question, we will be happy to help.

Good luck!

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