### Installation guide

Requirements to run this application:

Java - jdk version 1.8.0\_91

Maven version 3.5.0

1. Uncompile the attached document.
2. Copy the folder sagax into the desired location.
3. Open a terminal, goes to the sagax folder, and run the follow command: “mvn clean package”
4. On the same terminal run the next command: “mvn spring-boot:run”, maven will lunch a tomcat server. Important: If you have some other server running, try to stop it, could have some issues with the normal configuration of the tomcat.

**How to use it(with postman app)**

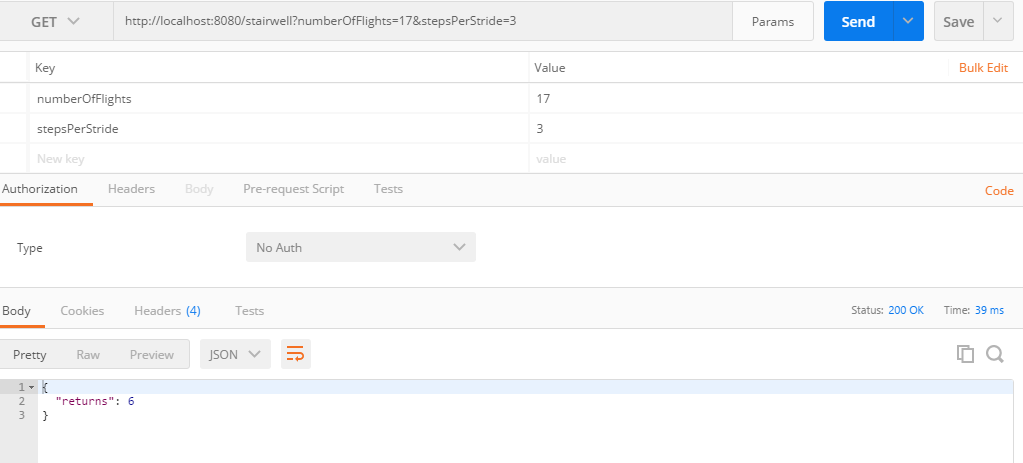
The application is running on the url “http://localhost:8080/stairwell” and it needs 2 parameters to run, and both are mandatory, and only allows GET requests.

1. numberOfFlights \_ List of Integer, this parameter will be repeated for each new Integer in the list
2. stepsPerStride \_ Integer

Examples:

With only one “numberOfFlights”

<http://localhost:8080/stairwell?numberOfFlights=17&stepsPerStride=3>



With multiple “numberOfFlights”

<http://localhost:8080/stairwell?numberOfFlights=4&numberOfFlights=9&numberOfFlights=8&numberOfFlights=11&numberOfFlights=7&numberOfFlights=20&numberOfFlights=14&stepsPerStride=2>

