How to test and work with the API

A. Staring and setting up the application

1. Need to have a MongoDB running in local or in a server.
2. Follow the REDME.md file to install and start our application.
3. OR you could pull the docker image I created and start it with the following command
   docker run -e datasource.server.url="<server ip for mongo db>" -p 30000:30000 -t arjunr1432/erate-assignment
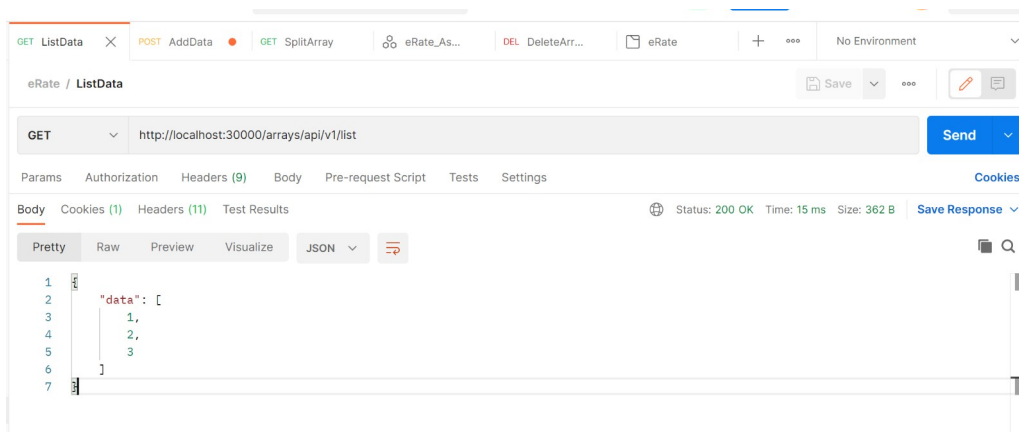
B. Testing the application

The API's are secured with Spring Basic Auth security. The credentials are already added in the POST man collection.

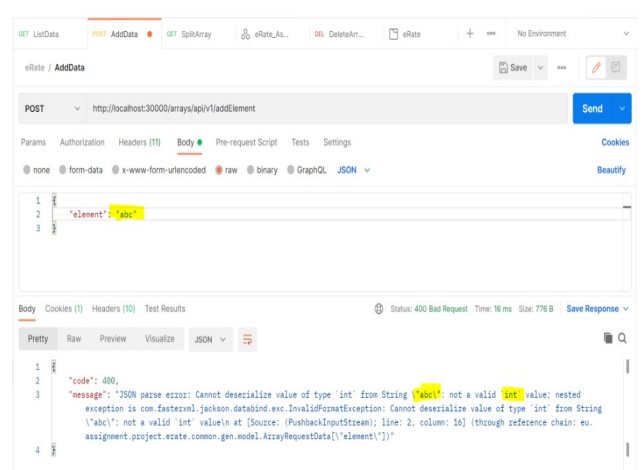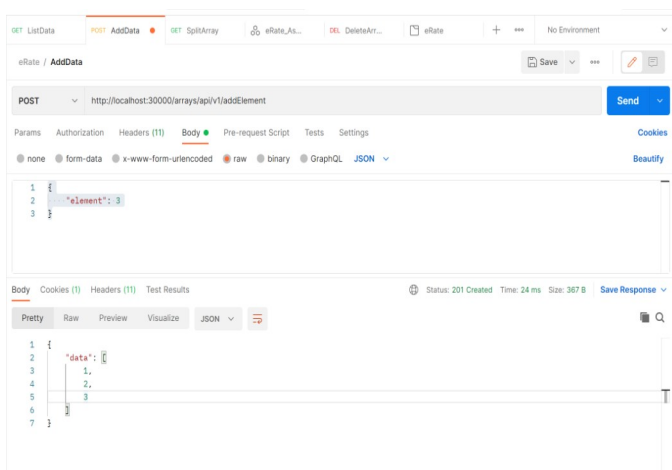Sample request and response

1. List array Success response
URL : http://localhost:30000/arrays/api/v1/list

2. Add element Success and Failed Response
URL: http://localhost:30000/arrays/api/v1/addElement
Request Body :
 {
 "element": 1
 }

3. Split Array Success and failure scenarios
URL: http://localhost:30000/arrays/api/v1/subDivide