

## Making a "FizzBuzz" rest service

A rest service should be developed that has 1 endpoint using Spring Boot 2.X:

- Endpoint: /fizzbuzz?entry=[int].
- The output is formatted in JSON.

That endpoint will apply the fizzbuzz output with the following rules:

- If the entry is a multiple of 3, the output must be "fizz".
- If the entry is a multiple of 5, the output must be "buzz".
- If the entry is a multiple of 3 and 5, the output must be "fizzbuzz".
- Otherwise, the output must be the entry.
- An error is thrown if the entry is not an Int.
- If there is no entry or it's empty, the output must be an array with all the answers from 1 to 100

**Note:** Code should have Unit and Integration tests

- Write a Dockerfile and a docker-compose file to run the rest service
- Allow to pass an array of entries and give the answer for each element of the entry in the output
- Implement another rule:
  - If the entry is multiple of 7 then output "Bazz"
  - if multiple of 3 and 7 output "FizzBazz",
  - if multiple of 5 and 7 output "BuzzBazz",
  - if multiple of 3, 5, and 7 output "FizzBuzzBazz"