

# Practice 13

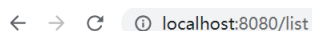
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**Deadline: 2 weeks from now. Should be checked onsite (during labs).**

In this practice, you'll use Spring Boot to create an MVC application and an RESTful service as instructed in the tutorial.

You should demonstrate the following steps:

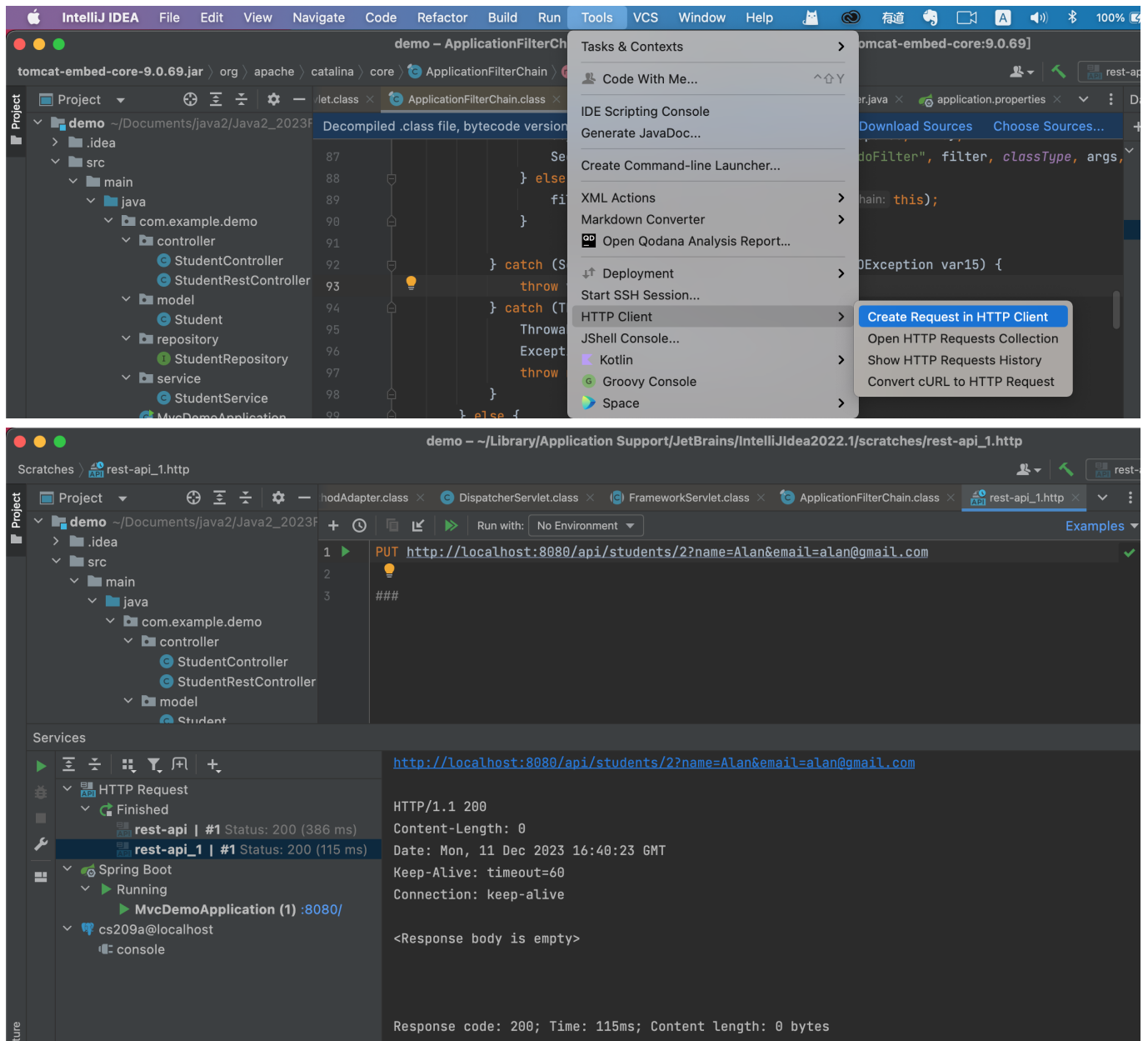
1. Start the Spring Boot application.
2. Type `localhost:8080/list` in your browser.

A screenshot of a web browser's address bar. It shows navigation icons (back, forward, refresh) on the left and the text 'localhost:8080/list' on the right.

## Student List

- 1 Mary mary@gmail.com
- 2 Alex alex@gmail.com
- 3 Dean dean@yahoo.com

2. Run **PUT** `http://localhost:8080/api/students/2?name=Alan&email=alan@gmail.com` in HTTP client to update the student with id=2.



3. Type `localhost:8080/api/students?email=alan` in your browser, which should display the updated student info.

← → ↺ ⓘ localhost:8080/api/students?email=alan

```
[{"id":2,"name":"Alan","email":"alan@gmail.com"}]
```

## Evaluation

The practice will be checked by teachers or SAs. What will be tested:

1. That you understand every line of your own code, not just copy from somewhere
2. That your program compiles correctly (javac)
3. Correctness of the program logic

4. That the result is obtained in a reasonable time

Late submissions after the deadline will incur a 20% penalty, meaning that you can only get 80% of this practice's score.