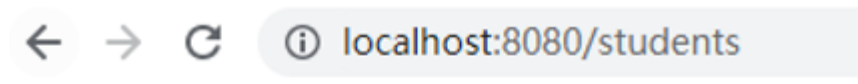


Practice 13

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 pages in your browser:

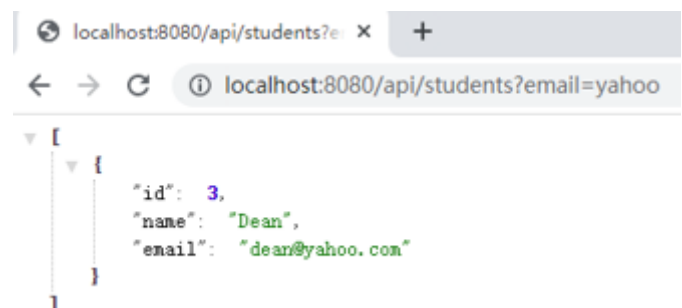
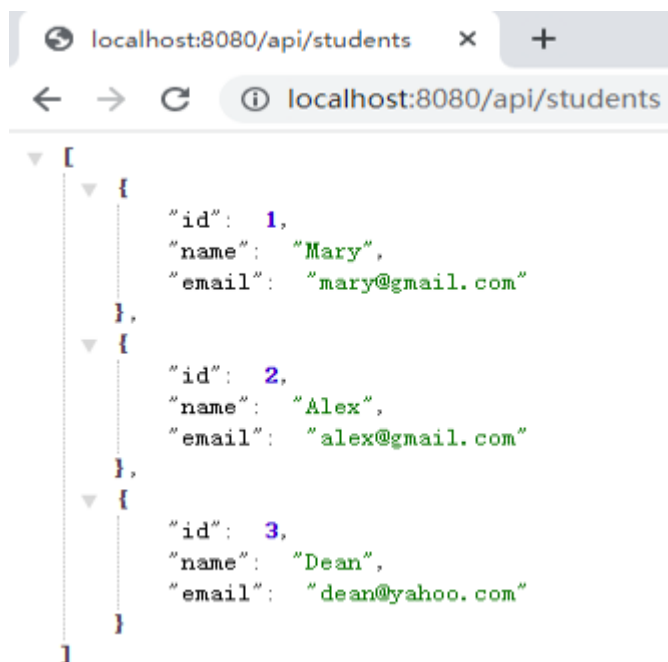


Student List

1 Mary mary@gmail.com

2 Alex alex@gmail.com

3 Dean dean@gmail.com



Then, run `PUT http://localhost:8080/api/students/2?name=Alan&email=alan@gmail.com` in HTTP client, and demonstrate in browser that the table has been updated.



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/api/students'. The page content is a JSON array of three student objects, each with 'id', 'name', and 'email' fields. The objects are ordered as follows: id 1 (Mary), id 3 (Dean), and id 2 (Alan).

```
[
  {
    "id": 1,
    "name": "Mary",
    "email": "mary@gmail.com"
  },
  {
    "id": 3,
    "name": "Dean",
    "email": "dean@yahoo.com"
  },
  {
    "id": 2,
    "name": "Alan",
    "email": "alan@gmail.com"
  }
]
```

Evaluation

The practice will be checked before Dec.21 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 Dec.21 will incur a 20% penalty, meaning that you can only get 80% of this practice's score.