Source code: https://github.com/sidzhik/Bookshop

Needed dependencies whil I was creating project via spring boot:

- do wyświetlenia na stronie internetowej http://localhost:8080/...

```
<dependency>
   <groupId>org.springframework.boot</groupId>
   <artifactId>spring-boot-starter-web</artifactId>
</dependency>
```

- do zarządzania i pracy z bazą danych

```
<dependency>
   <groupId>org.springframework.boot</groupId>
   <artifactId>spring-boot-starter-data-jpa</artifactId>
</dependency>

<dependency>
   <groupId>mysql</groupId>
   <artifactId>mysql-connector-java</artifactId>
</dependency>
```

General class for running project, which wa created by spring contructor:

```
@SpringBootApplication
public class Application {

   public static void main(String[] args) {
      SpringApplication.run(Application.class, args);
   }

}
```

Created claasses and interface for managing with our data (CRUD create read update delete), creating table with variables:

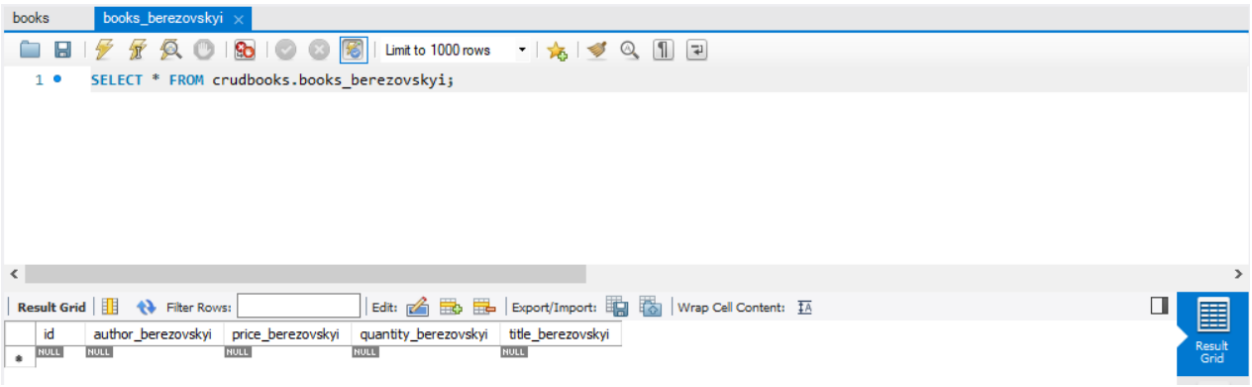
- BooksController (manage)

- Books (create table to database and set/get variable)

- BooksRepo (Interface, which extends JPArepository, which consists of JPA methods for work with DataBase)

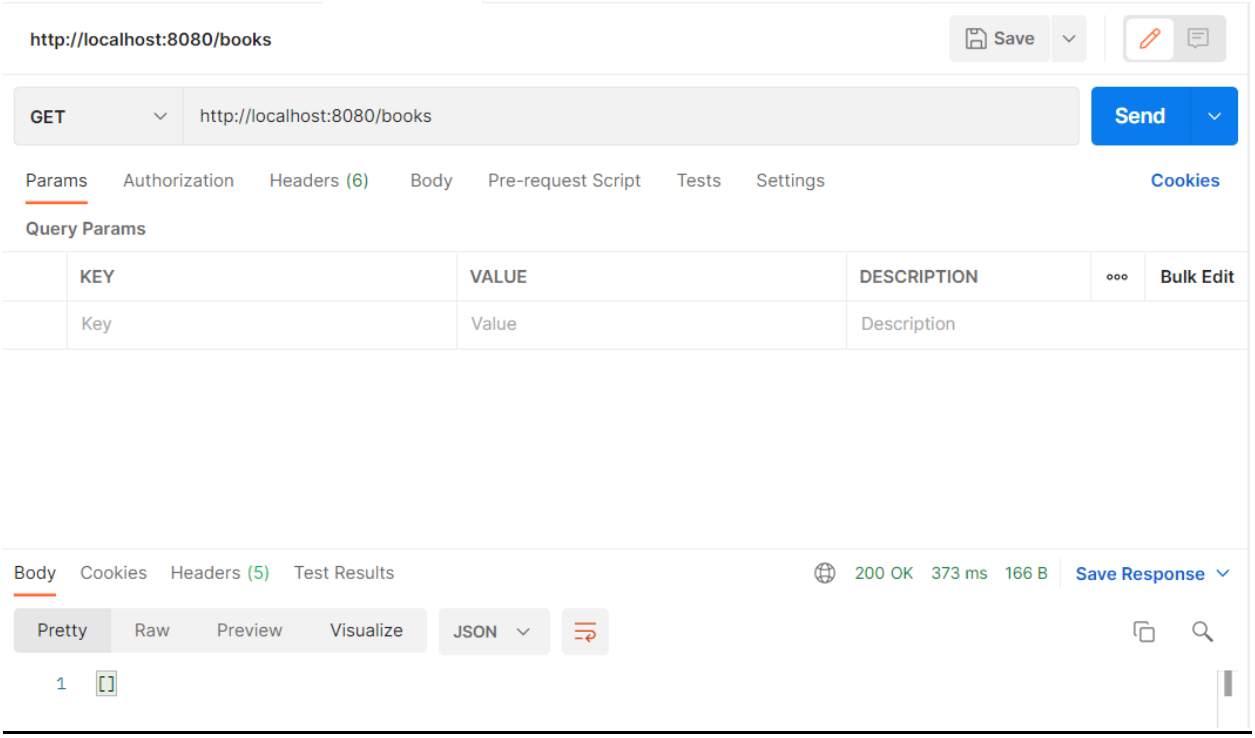
Podłączenie do bazy danych:

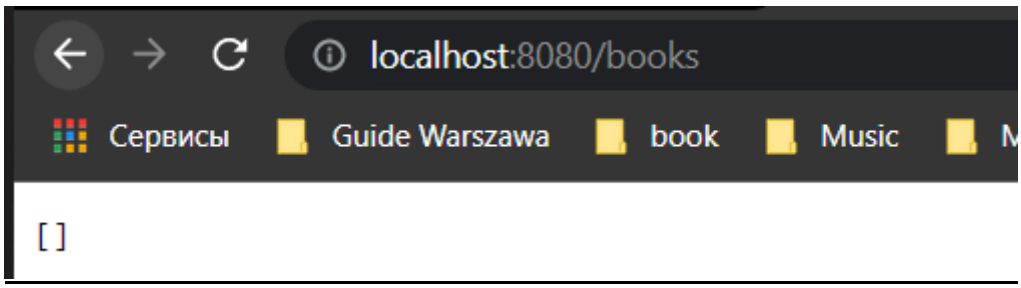
Korzystałem z WorkBench. Stworzyłem nową bazą danych, za pomocy stworzonej wcześniej klasy Books z adnotacją @Entity i wszystkimi zadeklarowanymi zmiennymi, po urochomieniu była stworzona tablica



Testowanie funkcjonalne przez Postman (Get,Post,Put,Delete)

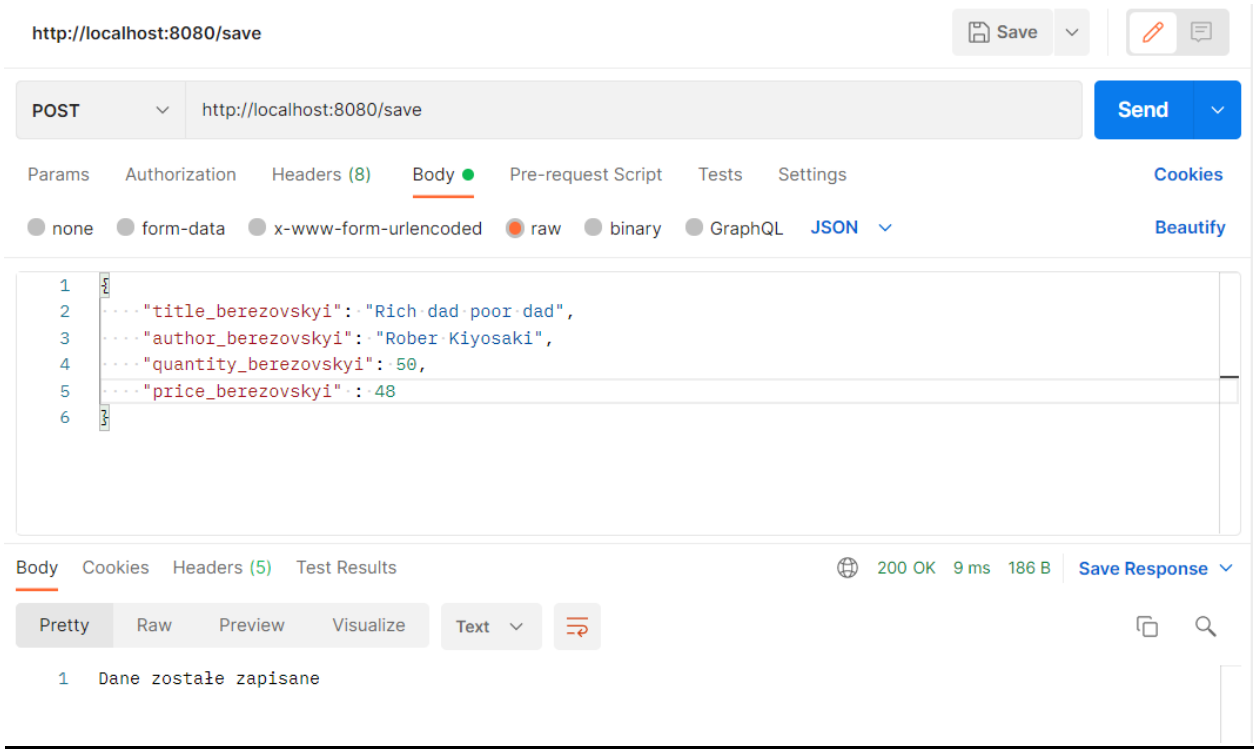
<u>Get:</u>

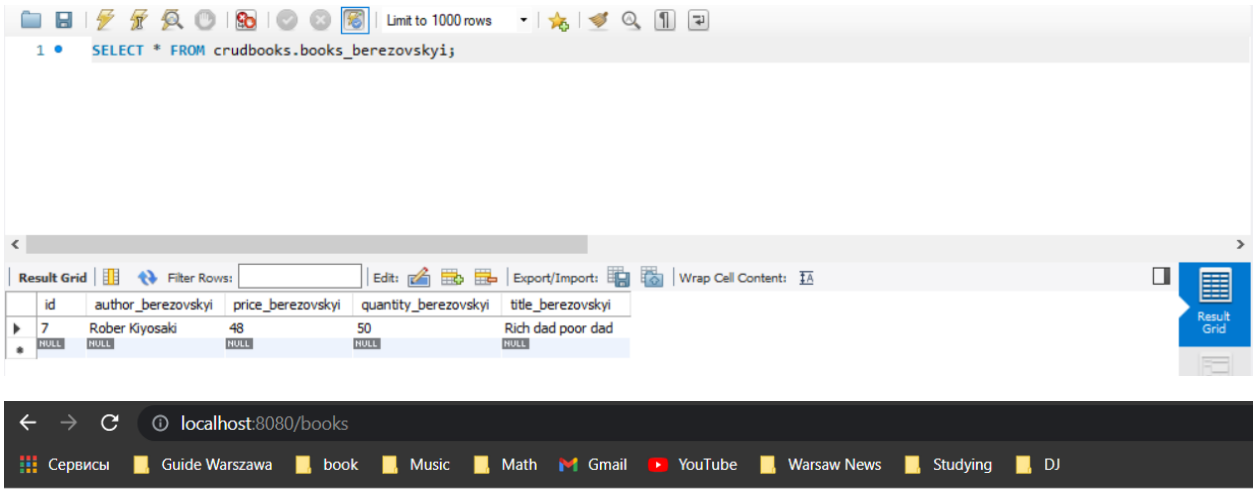




Rzeczywiście, że jakichkolwiek danych jeszcze nie ma, ale jest pusta tabela []

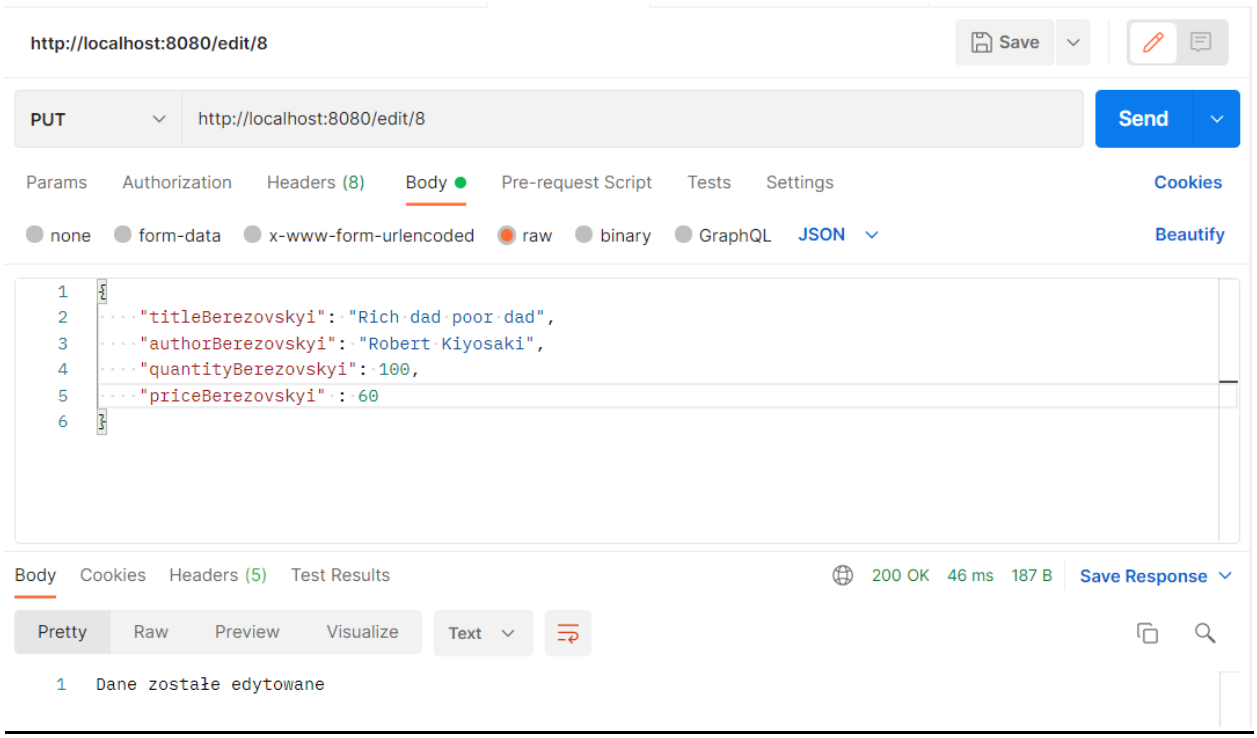
Post:





[{"id":7,"titleBerezovskyi":"Rich dad poor dad","authorBerezovskyi":"Rober Kiyosaki","quantityBerezovskyi":50,"priceBerezovskyi":48}]

Put:



,"quantityBerezovskyi":100,"priceBerezovskyi":60}]

price_berezovskyi	quantity_berezovskyi
60	100

Delete:

http://localhost:8080/delete/7

Save

DELETE http://localhost:8080/delete/7 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	•••	Bulk Edit
Key	Value	Description		

Body Cookies Headers (5) Test Results 200 OK 62 ms 196 B Save Response

Pretty Raw Preview Visualize Text

```
1  Book with id: 7 has been deleted
```

Limit to 1000 rows

```
1 • SELECT * FROM crudbooks.books_berezovskyi;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id	author_berezovskyi	price_berezovskyi	quantity_berezovskyi	title_berezovskyi
NULL	NULL	NULL	NULL	NULL

Result Grid