

Lab 9

Part A:

Write BookController using REST with the following functionality:

```
addBook(Book book);  
updateBook(Book book);  
deleteBook(String isbn);  
getBook(String isbn);  
getAllBooks();  
searchBooks(String author);
```

The Book class has the following properties: isbn, author, title, price

Throw an exception when you want to add a book with an isbn that already exist. Handle the exception in the controller method.

Download and install Postman (<https://www.postman.com/downloads/>).
You can test the BookController using Postman.

Now write a separate client application that calls the methods on the BookController.

Part B:

Give the Bank application a REST interface

In this bank application it is not allowed to have a negative amount on your bank account. Throw an exception when a customer wants to withdraw or transfer more money that is in the account. Write a global exception handler to handle exceptions.

Now write a separate client application that calls the methods on the BankController.

What to hand in:

1. A separate zip file with the solution of part A
2. A separate zip file with the solution of part B