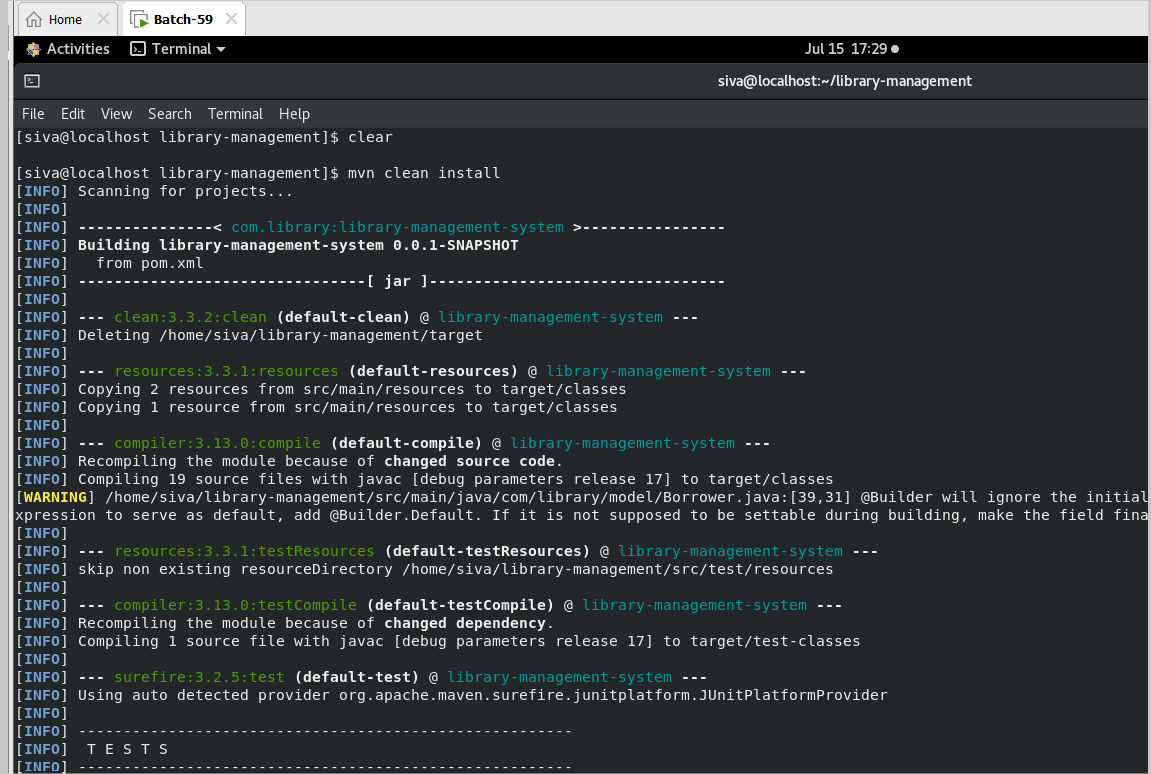
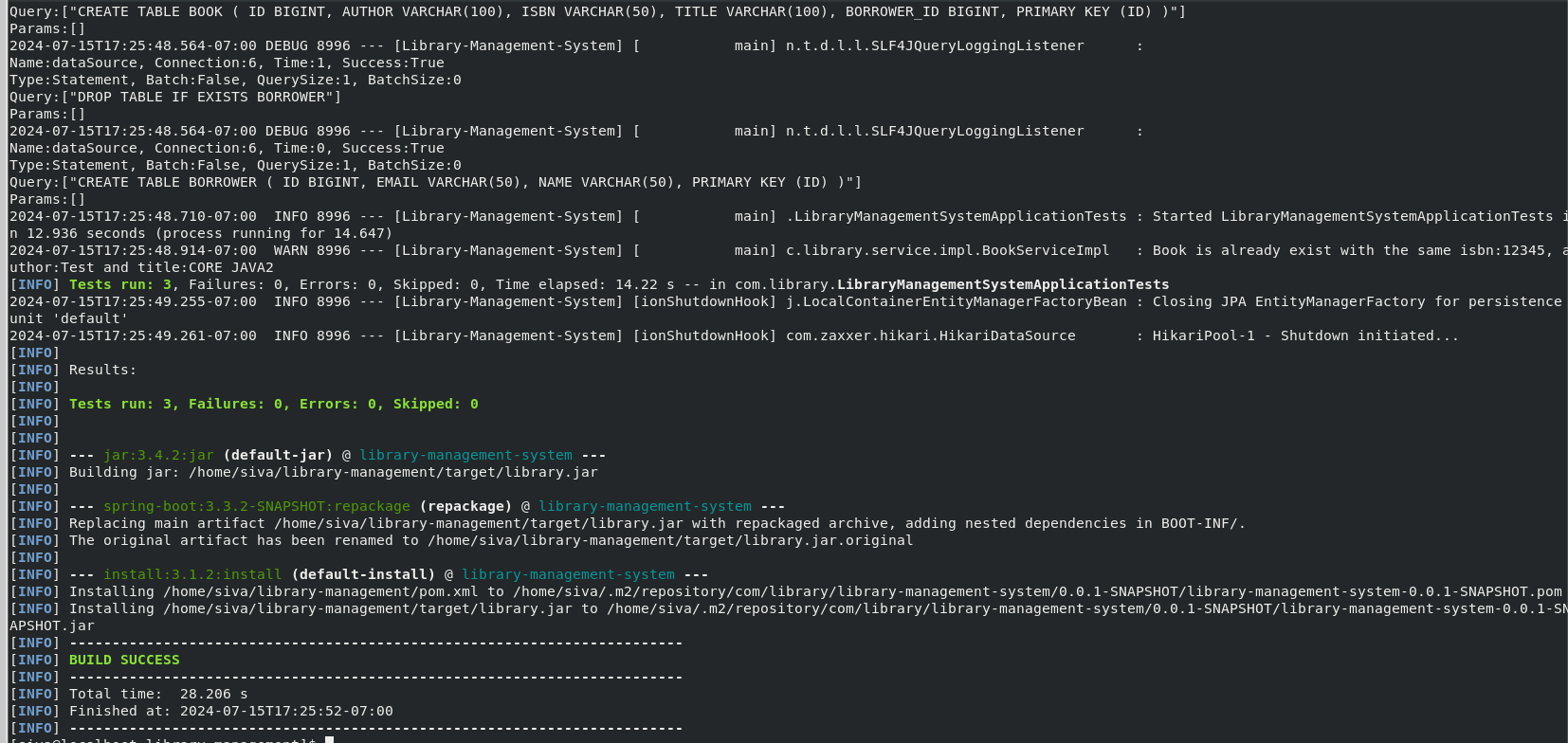
Result

Once the project is developed, go to project directory, and run the command “mvn clean install”.

Example:





Test cases are working as expected.

Now run the 2nd command “docker build -t library-management-system .” to create the image in docker.

Example

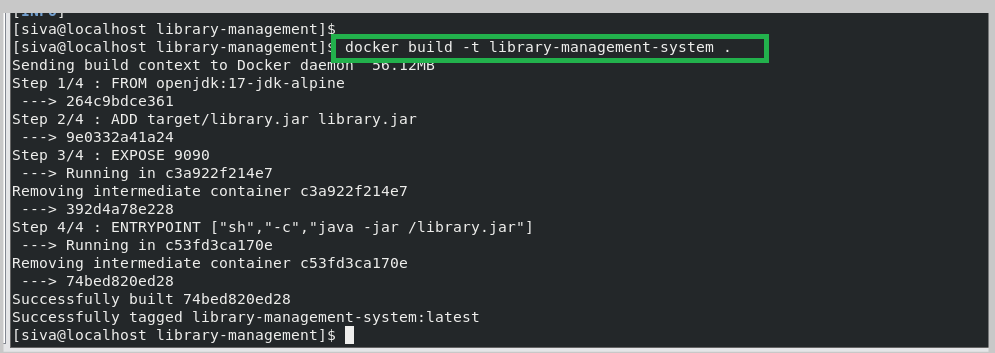
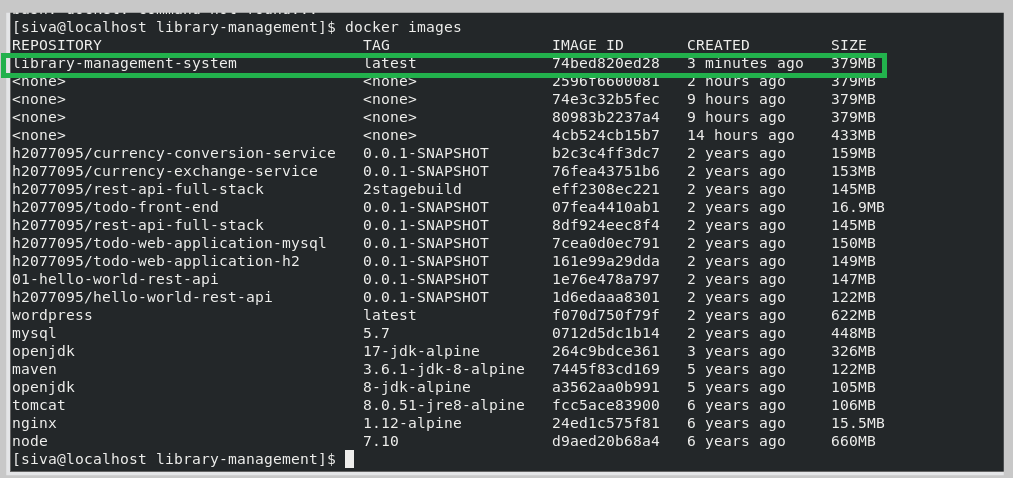


Image has successfully created with the tag latest



Now the run the docker image by using below command

docker run -p 9191:9090 library-management-system:latest

now docker image is running on port 9090.

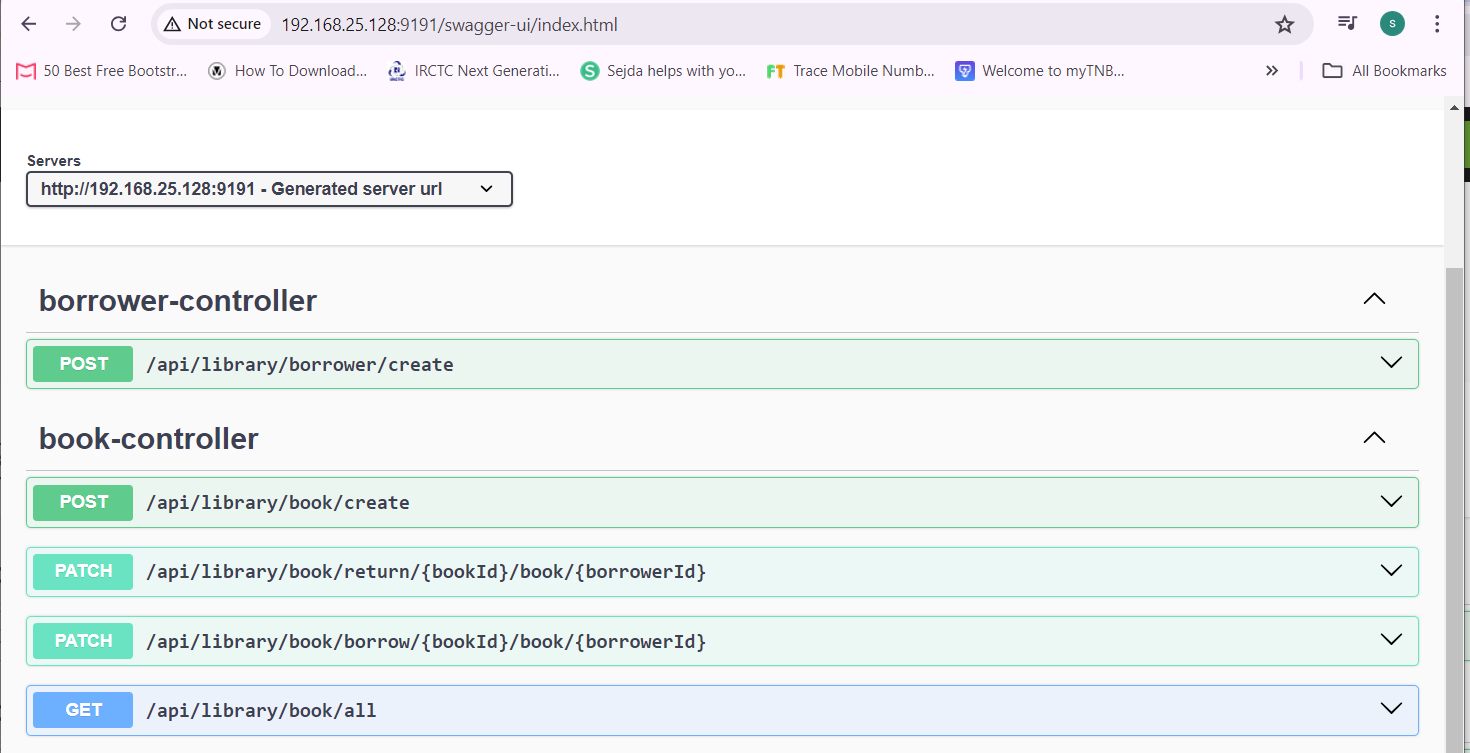


Now can access the H2 db and swagger using below URL’s

<http://192.168.25.128:9191/swagger-ui/index.html>

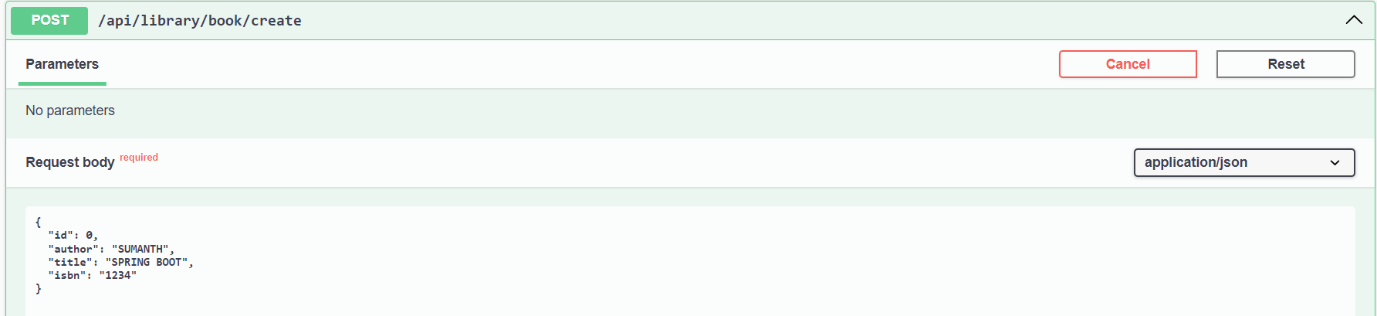
<http://192.168.25.128:9191/h2-console>

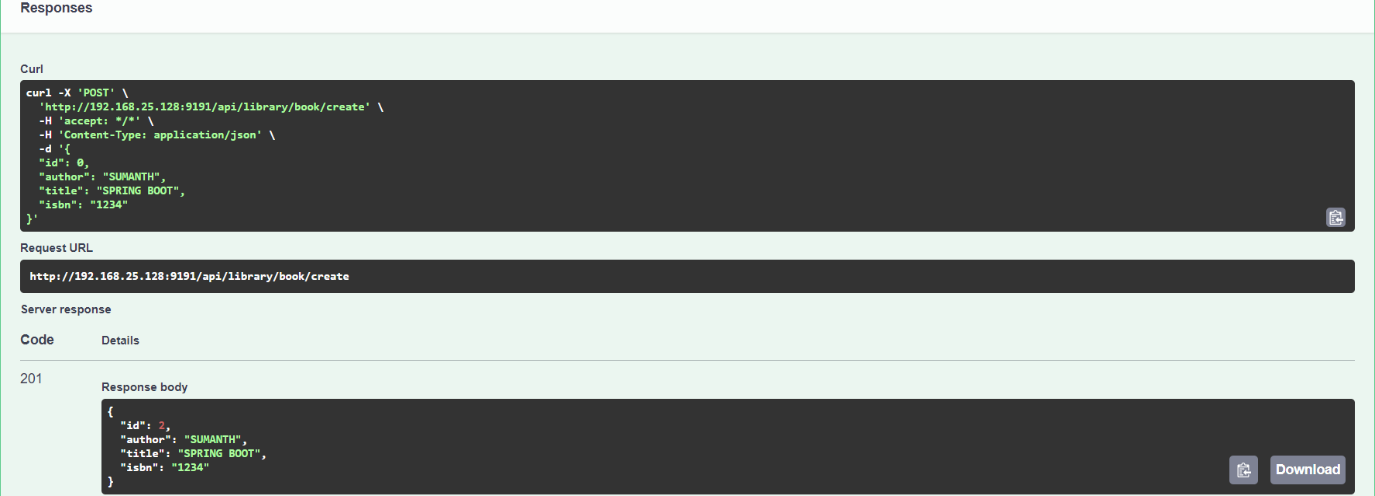
Example:



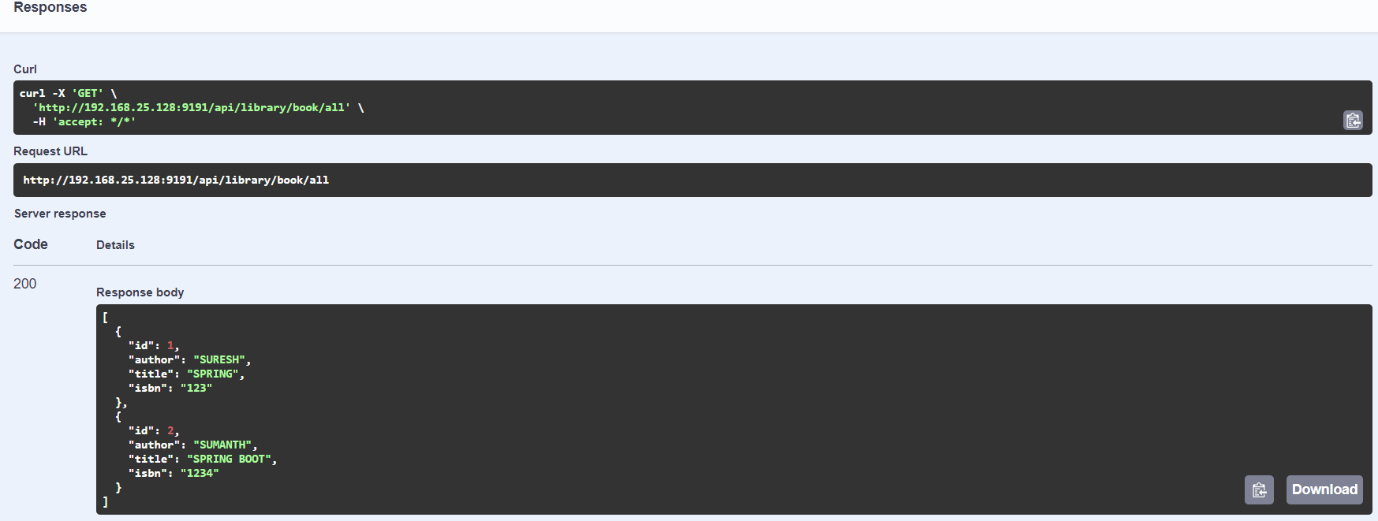
1. Creating books using swagger:

Example:

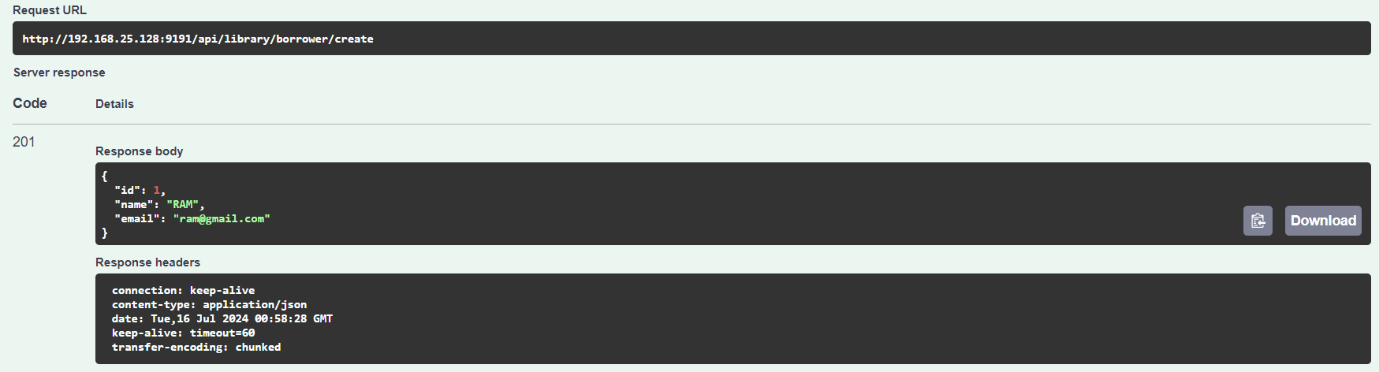


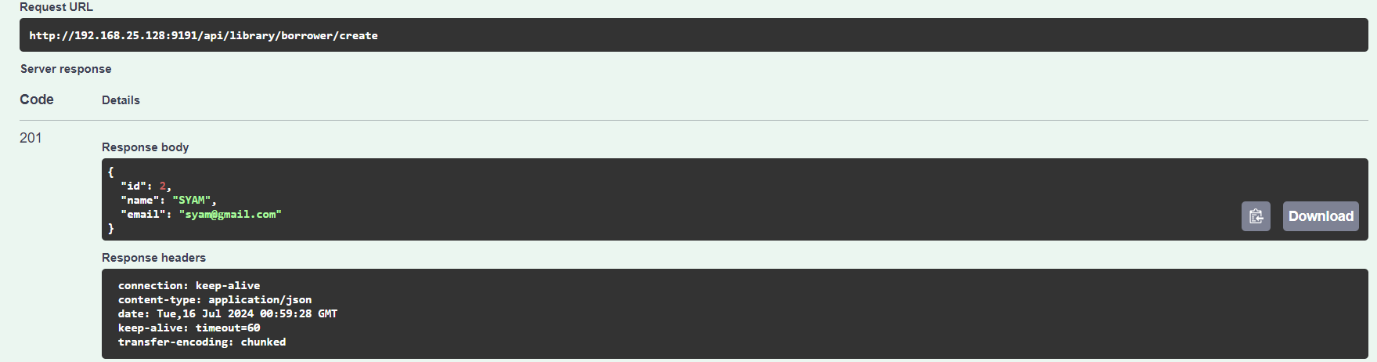


1. Check the books which are created:

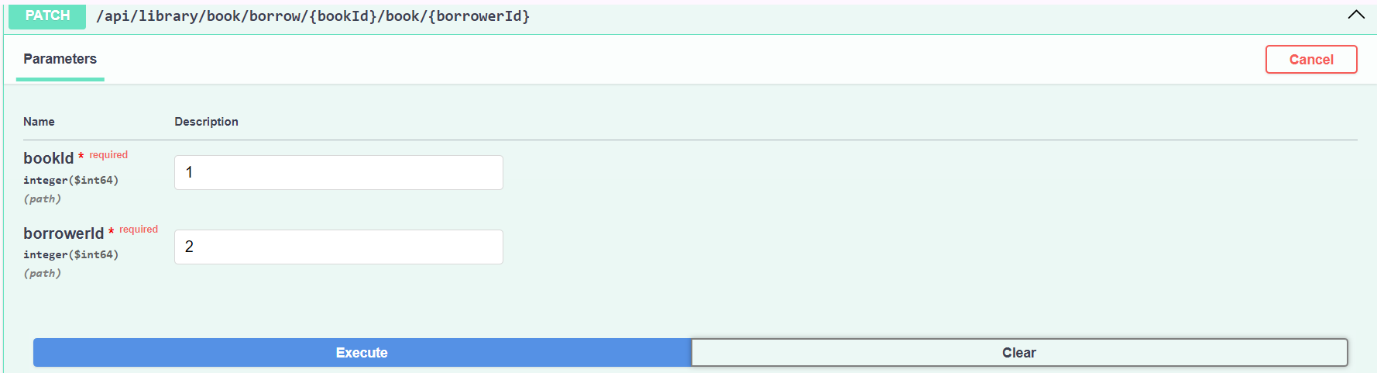


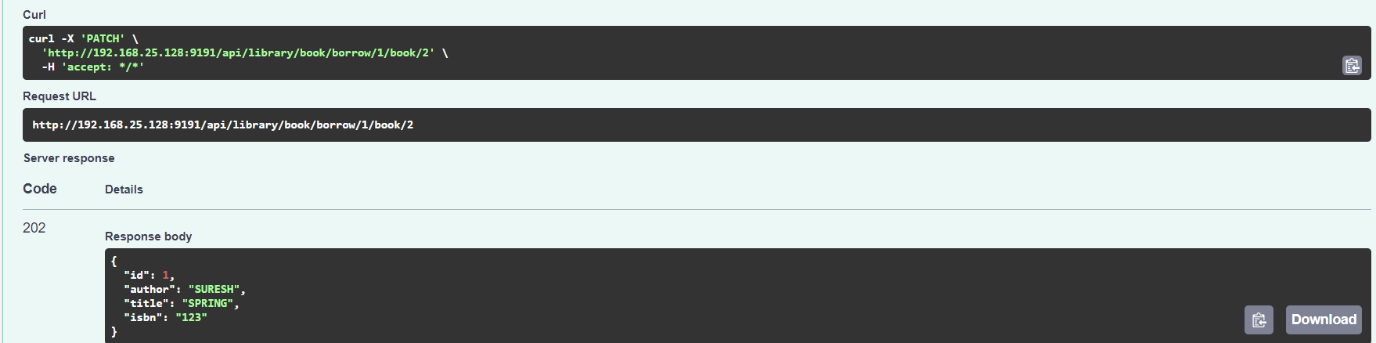
1. Create the borrowers:



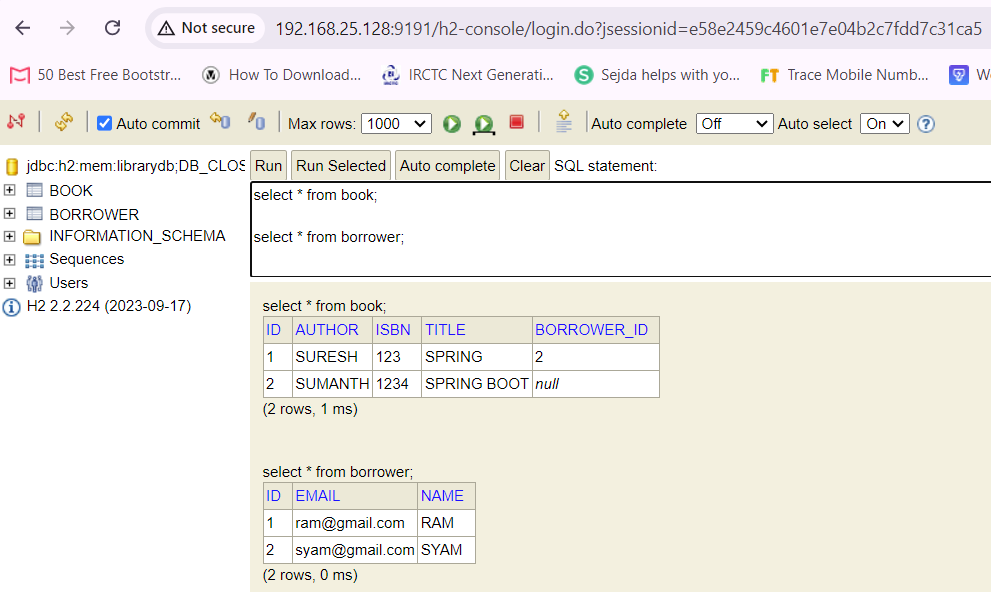


1. Borrow the book from Library:

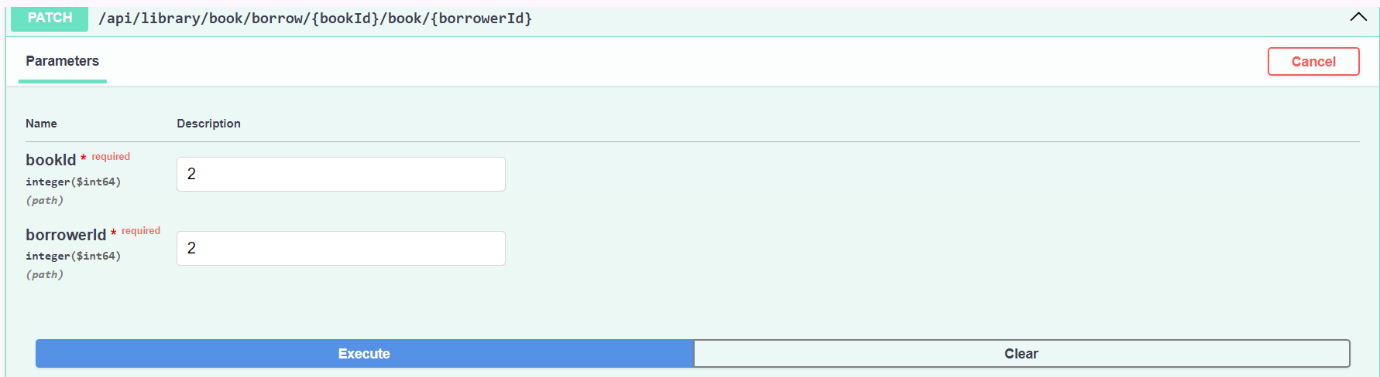


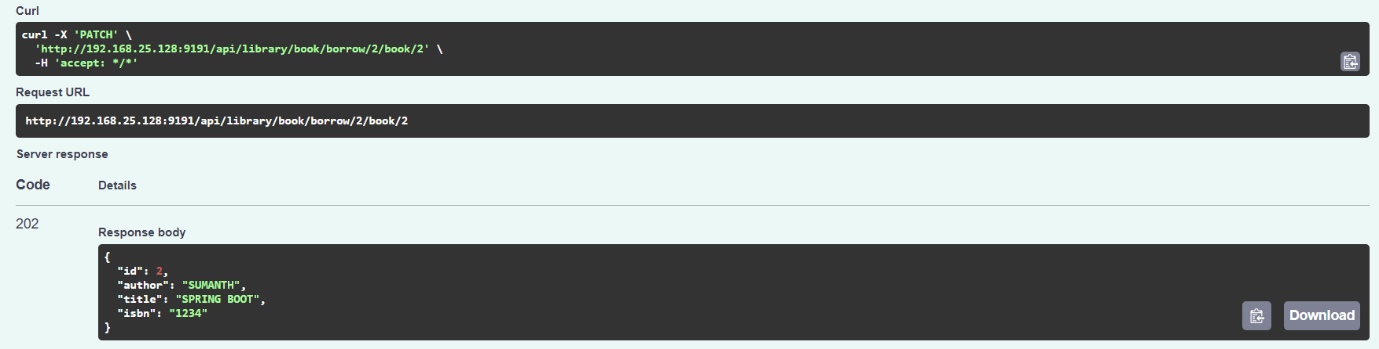


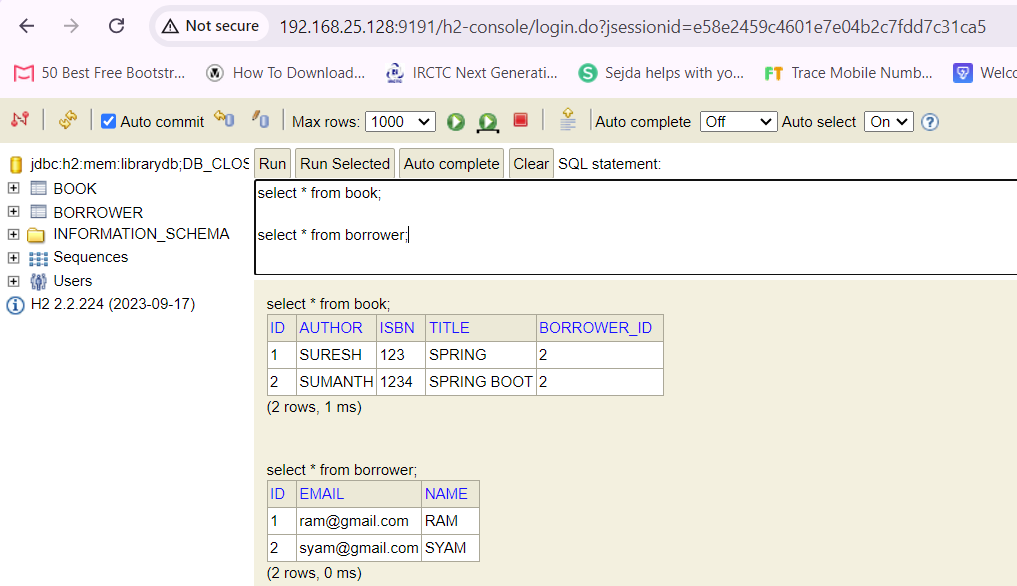
**In DB:**



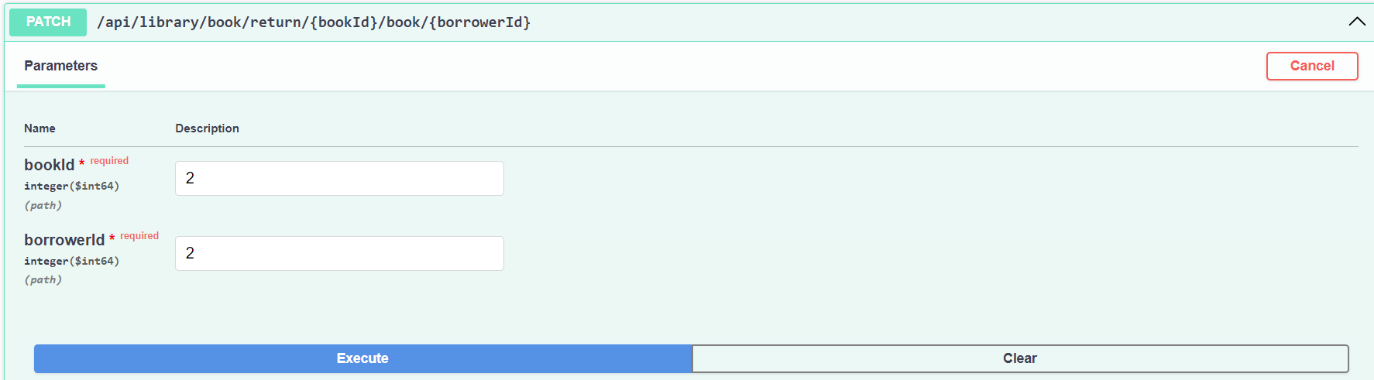
Giving another book to SYAM.

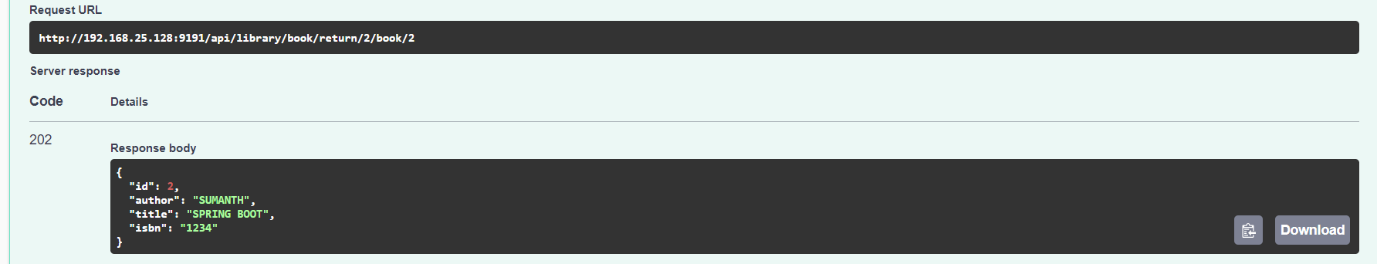




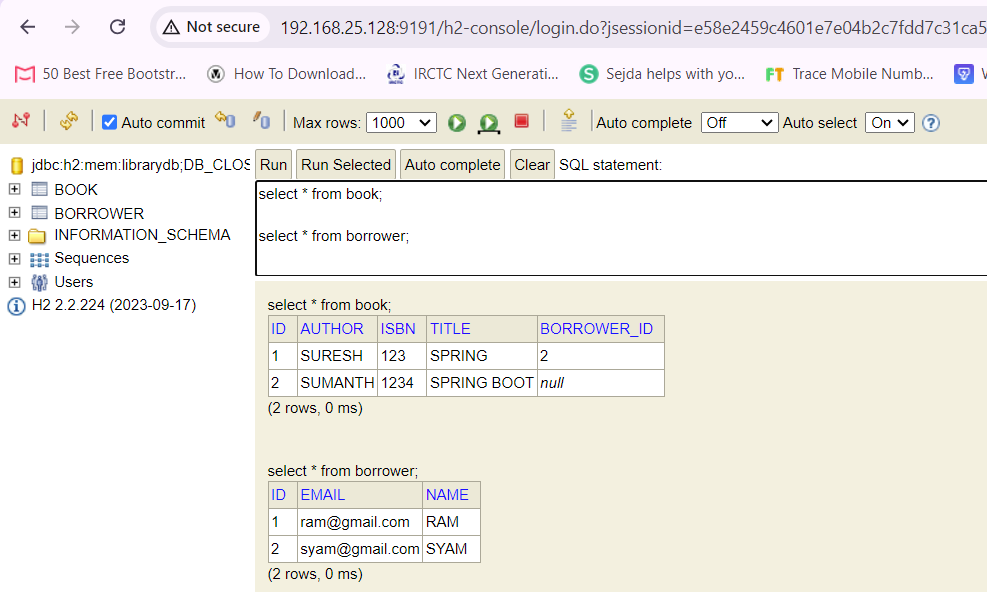


1. Return the book:





In DB



\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* THANK YOU \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*