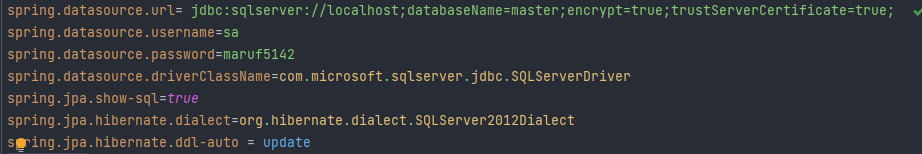
**Book Management System**

**Tools & Technology**

* Spring Boot 2.6.2
* Java 11
* JPA
* MSsql Server
* Intelillj
* Postman – for api documentation

For database connection:



Setup user name & password as per your sqlserver username & password. rest of things are same

In application property file

Api Information-

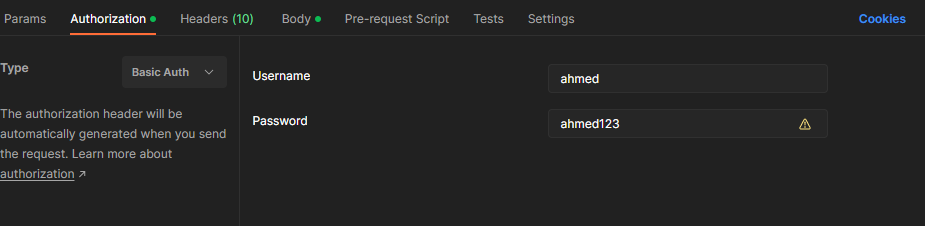
Import json file in postman to check all api

1. localhost:8080/book/single/savebook ->this api is responsible for save single book
2. localhost:8080/book/multiple/saveebook -> this api is responsible for save multiple book
3. localhost:8080/book/view/8 -> view specific book with authorlist(if any author is add then show)
4. localhost:8080/book/update/12 -> update specific book
5. localhost:8080/book/delete/12 -> delete specific book
6. localhost:8080/author/book/11 -> save author information with book id

Spring Security Authentication & Authorization Api-

for authentication & authorization I have use in memory database ,where I have 2 Constant User

One is maruf & second One is ahmed, maruf is a user who has only permission for book read ,author read,and author write, on the other hand ahmed is a admin who have read & write permission of book and author



In above screen for security select basic auth in postman and put user name & password

**For Admin:**

username : ahmed

password: ahmed123

**For User**

username : maruf

password: maruf123

What is still in Progress:

Frontend are not completed yet which I creating using thymeleaf, that’s why I can,t add frontend

What I have Done So far:

Bonus option are completed except unit test.

I tried to complete the task as per requirement but still there are some gap,if I have a chance to learn from you , it will be kind for me

Thanks for giving me this opportunity