OAuth2 + JWT hands on

1. We added a starter dependency “spring security”

After adding this dependency, when we run the project,

A password was generated and displayed in console.

When we try to access any url in our webservice, we first found a login page automatically coming.

How did we login?

Username: user

Password: we copied that generated password from console.

1. We wanted to decide our own password. Also our own username.

We configured this in our application.properties

spring.security.username=jag

spring.security.password=jag@123

1. We did not want to configure the user credentials in text file. We wanted to do it in program.

UserDetailsService

Configure method returns

new User(“jag”,”jag@123”,new ArrayList<>());

1. We did not want dummy user credentials. Instead we want to take it from database. An usermaster table can contain several rows, we find a row by username. And return that row as an object of user.

We used JPA repository

1. JWT

In restful webservices, every method call is independent. STATELESS

1. Oauth2

Instead of gmail or facebook or github, we can create our own clientid and clientsecret using open ssl tool.

Task:

Kindly do the above 1) , 2) and 3)