

## Short Answer:

Answer the following questions with complete sentences in your own words. You are encouraged to conduct your own research online or through other methods before answering the questions. If you research online, please consult multiple sources before you write down your answers. You are expected to be able to explain your answers in detail.

1. What is RESTful Web Service?
2. What is the difference between REST and SOAP?
3. What is JWT and why do we need it?
4. What is SSO?
5. Can you give an example of SSO?

## Coding Questions:

Write code in Java to solve the following problems. Please write your own answers. You are highly encouraged to present more than one way to answer the questions. Please follow best practice when you write the code so that it would be easily readable, maintainable, and efficient. Clearly state your assumptions if you have any. You may discuss with others on the questions, but please write your own code.

1. Create an authentication server using JWT and Cookie.
  - Connect the Spring MVC book project to the new authentication for login (register, login, user database, validation)
2. Use Spring Rest Template to call your MVC book project API