

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. How do you monitor your application? Please provides examples.
2. Explain the difference between these log level: INFO, WARN and ERROR.
3. What is AOP and Why do we need it?
4. What is Proxy design pattern?
5. What is Joint Point?
6. What is Point Cut?
7. What is Advice?

Coding Questions:

Write code in Java to solve 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.

- Add below features to your RESTful Quiz Application:
 - Integrate SpringBoot Actuator into your application
 - Integrate Spring AOP to log the execution time of each controller method
 - Define your own custom exception as needed
 - Handle all exceptions in a central place using @ControllerAdvice and @ExceptionHandler

Submission Requirement:

- One zip file containing:
 - One pdf file including all short answer questions
 - One SpringBoot application
 - One json including all Postman requests that you used to test your API