

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 AOP and Why do we need it?
2. What is Spring AOP Proxy?
3. What is static agent and what is dynamic agent?
4. What is Join point and Point cut?
5. What are the different advice types in spring?
6. How do you handle an exception in your Spring Boot application?
7. What are the logging levels? How to hide TRACE and DEBUG level logging?

Coding Questions:

1. Use SpringAOP to log the DAO layer execution time (use different pcd, e.g. execution, within, bean)
2. use SpringAOP to log request and response for every endpoint
3. Customize your own exception, and use controller advice to handle it.

Please take screenshot of log information in the console and append those screenshot to the short answer doc, also commit your code to the github, every team member should commit their own version, file name should be LoggingAOPYourName