



AOP

Homework

Recap

1. Introduction to AOP
2. Declaring Pointcuts
3. Declaring Advices
4. Spring Proxy and Internal working of AOP
5. Real world uses cases of AOP

Homework

1. Global Error Handler:

Develop a global error handler annotation using `@AfterThrowing` advice to catch exceptions across your application.

2. Security plus Logging:

Implement a logging mechanism using `@Before` and `@After` advice in a Spring Boot application. Additionally, use `@Around` advice to check security tokens and throw exceptions if the token is invalid.

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3. Method execution time tracking:

Develop a custom annotation to monitor the execution time of various services. Use `@Around` advice to measure the time, and create a report showing the execution time for each method.

4. Data validation:

Create a custom validator annotation to validate Employee entity in various layers of your application. Extend to use several entities.

