LAB 6 AOP

Add AOP functionality to the Solution of Lab 4.

Add Maven dependencies

Add Configuration in XML file.

Disable Hibernate Show SQL

1. Create AuctionAspect.java

Add an implicit Pointcut [execution] that looks for all Service methods.

Use it in a Before advice type on an Advice method that Prints out Method name.

Verify that it generated a message for all the Service method calls [~ 12].

A screenshot of a social media post

Description automatically generated

1. Make the pointcut into an explicit pointcut.

Validate that it works.

A screenshot of a cell phone

Description automatically generated

1. Change the pointcut arguments from (..) to (Long)

What is the result? Only print method that has argument Long

A screenshot of a social media post

Description automatically generated

1. Change the pointcut arguments from (Long) to ()

What is the result? Not showing any log, since there is no method call without any argument.

A screenshot of a cell phone

Description automatically generated

1. Add a findAll() to testItems.java

Now what is the result? Displaying the log

A screenshot of a cell phone

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1. Replace the execution pointcut with a combination of a within() and an args() pointcut

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1. Add another Advice method with a User parameter:

**public** **void** logResourceName(JoinPoint joinPoint, User user) {

use an explicit pointcut with a combination of a within() and an args(user).

**[ be sure to printout user name from advice method]**

**A close up of a piece of paper

Description automatically generated**

Write a document ***Lab\_6\_results.docx*** that shows console output for each case & explains results[output].