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a. POP => Procedure Oriented Programming[C]

- b. OOPS => Object Oriented Programming[C++,Java,...]

Seperating the Bui

```
classes[Serviceclass/Aspectclass] and bind
```

- TransactionManagement, Security, Encode/Decode, Logging,...

- Aspect.

a. Before

- ```

execution order :: adviceMethod ----- 1st

```

- ```

1st After Advice - Executing Advice after synchronous finished
execution order :: b.method ----- 1st

```

- First part executed before advice and then

- ```

execution order :: adviceMethod ----- 1st part
 b method

```

- ```
execution order :: b.method ----- 1st
```

- ```
execution order :: b.method ----- 1st
```

occured) then

- ```
expression :: Access_Specifier Return_Type
```

Connecting Buisness Methods with the required Advices.

5. Target => Pure Buisness class Object.

6. Weaving => It is a process of mixing buisness class methods and there connected advices.

7. Proxy => Final output(class/object) is called as "Proxy" that contains both logics connected.

What is the difference b/w @After, @AfterReturning and @AfterThrowing Advices?

After Advices is executed next to buisness method either success or failure.

AfterReturning Advices is executed next to buisness method only if there is not exception.

AfterThrowing Advices is executed next to buisness method only if there is a exception.

Implementation of the above can be done in 2 ways

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1. Spring AOP using XML Based Configuration[Legacy Style]

2. Spring AOP using AspectJ(Pure Annotations)

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-aop</artifactId>

</dependency>

3. Annotations used are

a. @Aspect

b. @Before

c. @After

d. @Around

e. @AfterReturning

f. @AfterThrowing

g. @PointCut

refer:: Spring-AOP-AspectJApp

