

Instructions



How is it going ? Do you have problems with practical tasks ? Any concerns with learning materials ?

1 response

perfect

Today's agenda

- Total Recall
- Spring Framework
- Quiz
- Questions

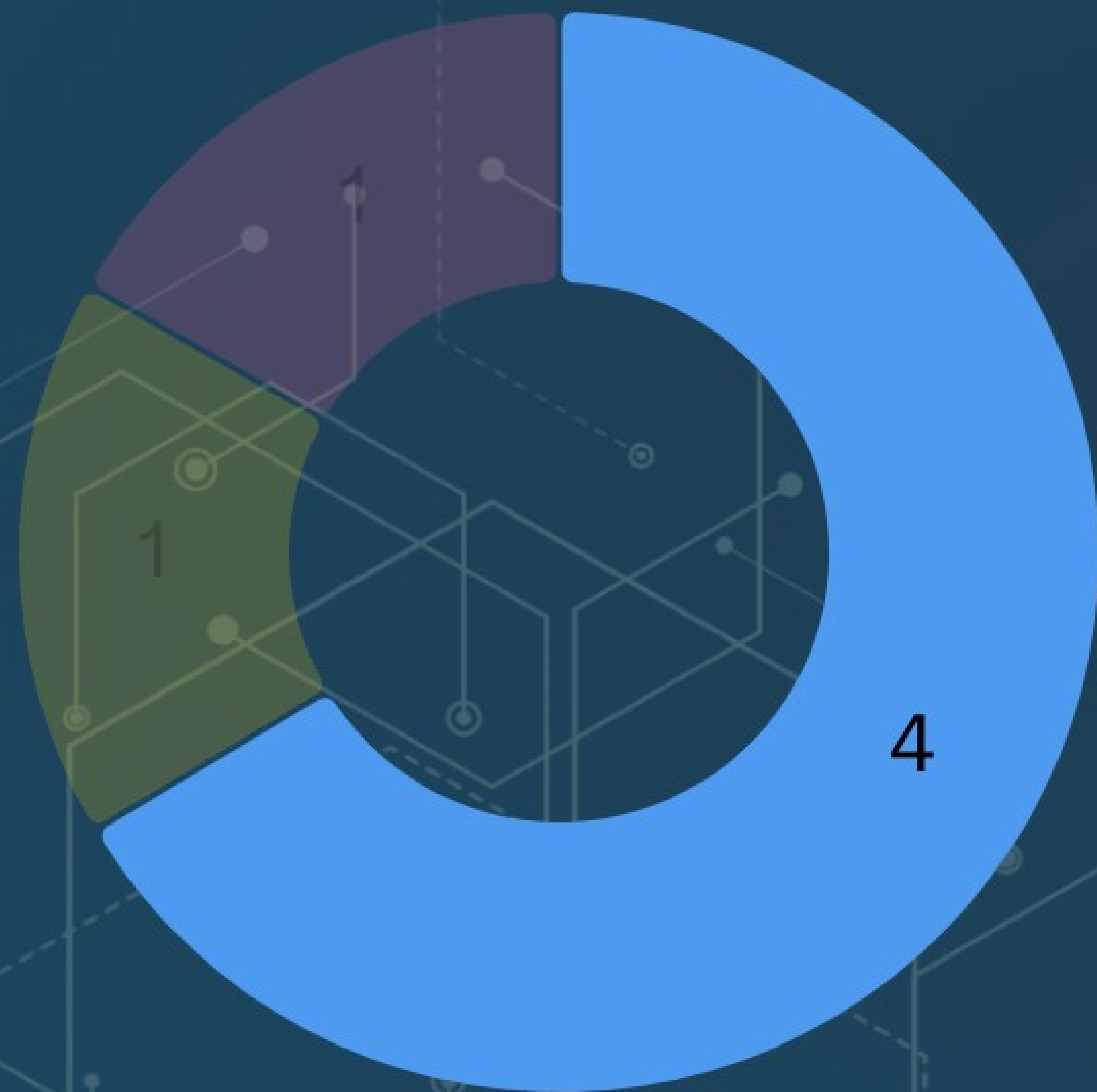
Total Recall



What do you remember from the previous workshop ?

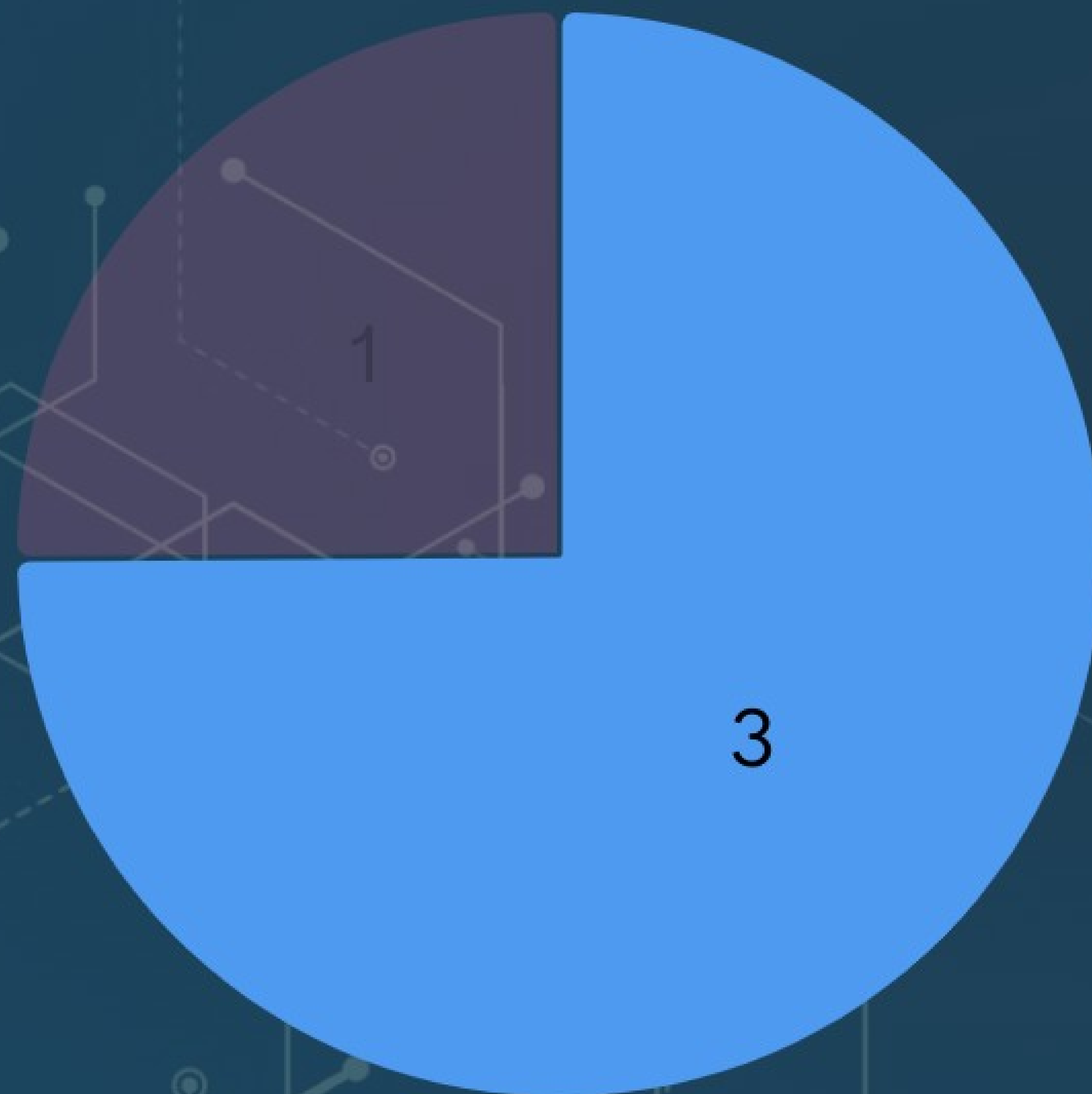
market project

What is TRUE about DispatcherServlet configuration in Spring MVC?



- 4 ✓
 There can only be one DispatcherServlet instance per Spring MVC app
- 1 ✗
 DispatcherServlet is automatically configured, initialized by Spring
- 0 ✗
 DispatcherServlet configuration is optional in Spring MVC apps
- 1 ✗
 DispatcherServlet configuration is primarily done through XML files

Which annotation is typically used in Java-based configuration to define a DispatcherServlet?



- | | | |
|---|-----------------------|---|
| 3 | A) `@EnableWebMvc`. | ✓ |
| 0 | B) `@Bean`. | ✗ |
| 0 | C) `@RequestMapping`. | ✗ |
| 1 | D) `@Component`. | ✗ |

In Spring MVC, what does the @Controller annotation indicate?



It marks a class as a service layer component



It marks a class as a controller component



It indicates a model attribute



It marks a class as a repository component



How can you configure the DispatcherServlet in a Java-based Spring MVC application?

4 ✓

0 ✗

A) By registering it as a Spring bean in a `@Configuration` class.

0 ✗

B) By creating a `'servlet-config.xml'` file inside the `'WEB-INF'` folder

0 ✗

C) By using the `'ServletRegistration.Dynamic'` API in a `'WebApplication'`

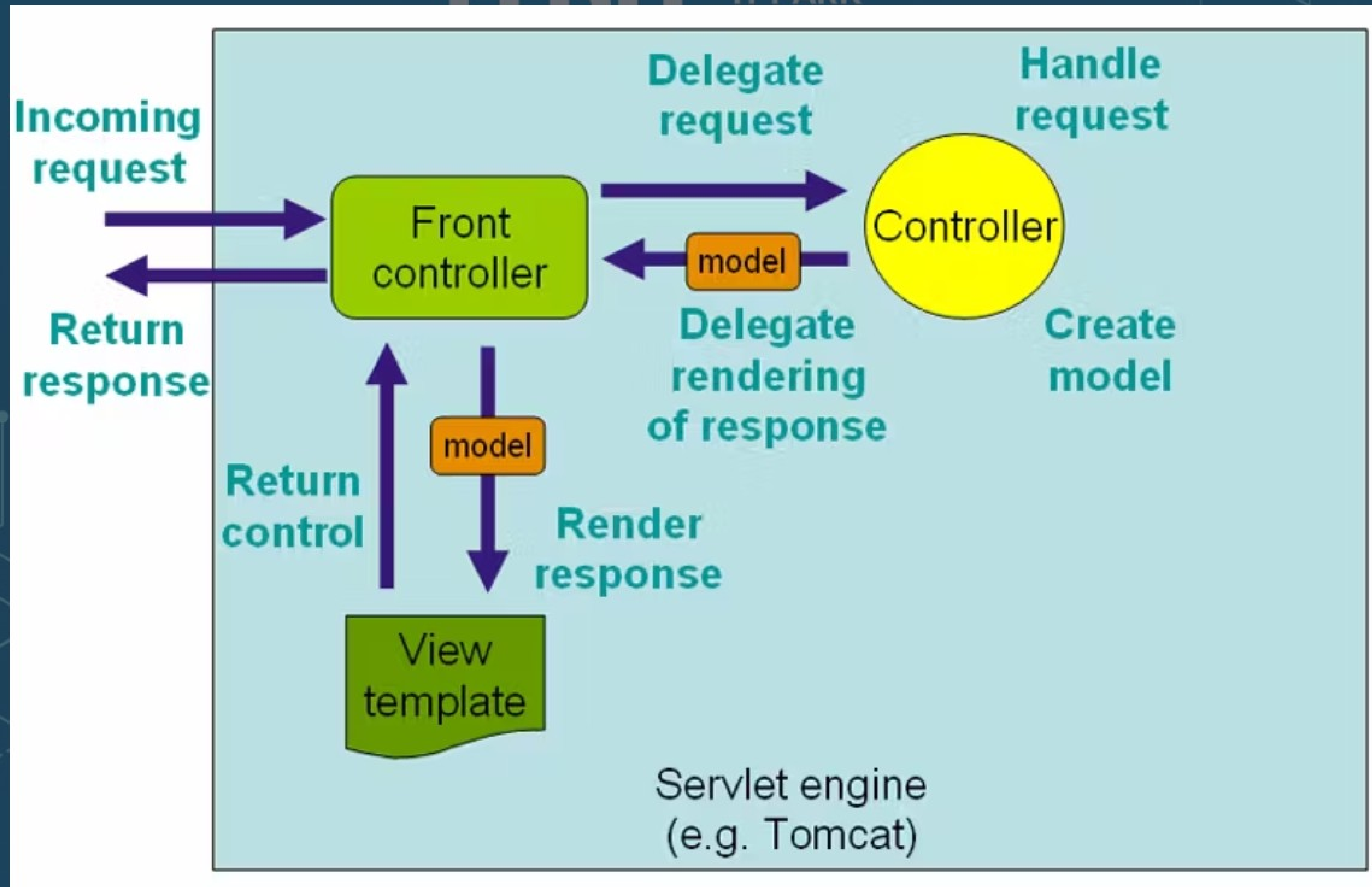
D) Both A and C.

Spring MVC (ws-18)

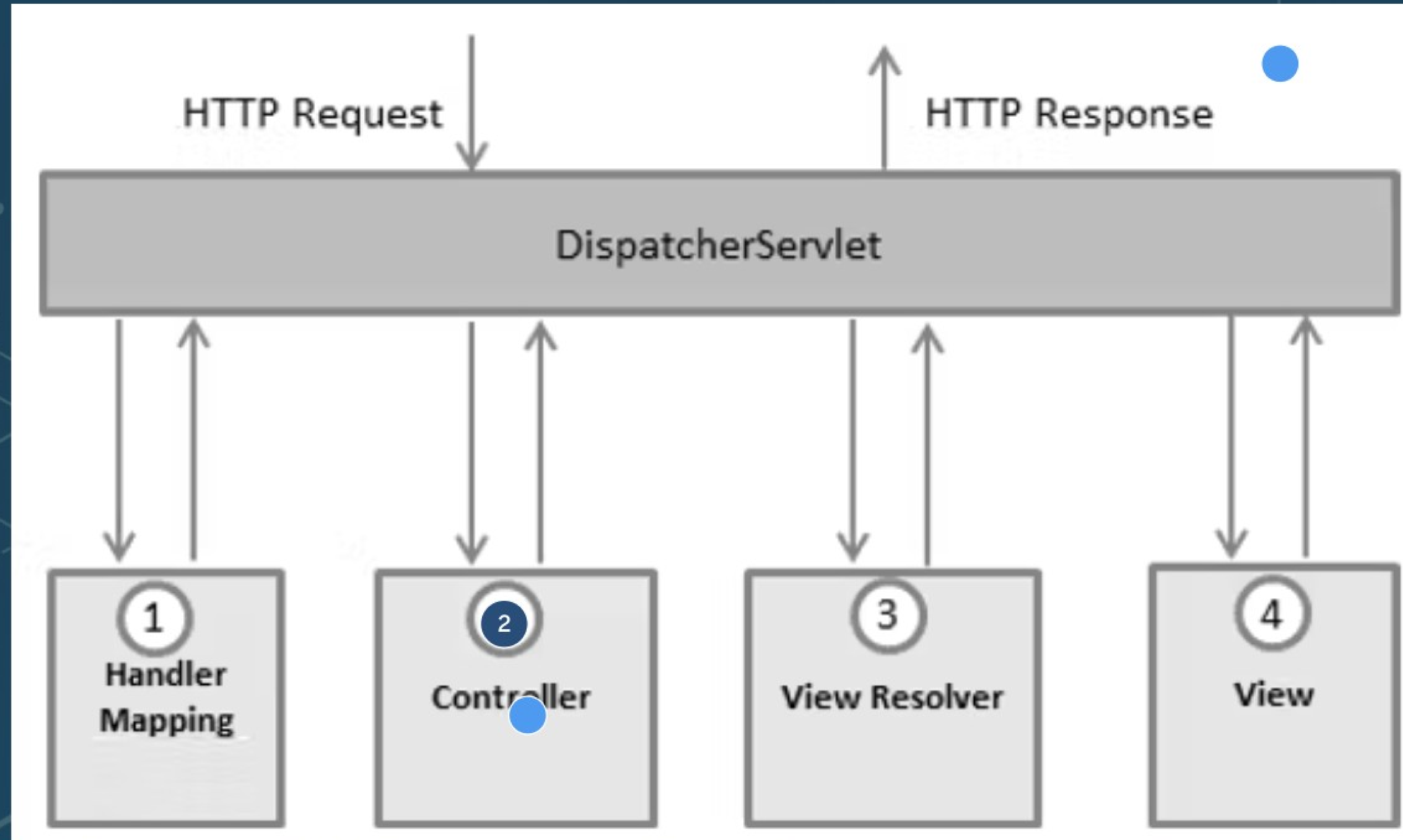
SERVLET

Do you have questions \ uncertainties \ concerns on materials? (If no - it means all clear for you)

no question



Pin on a component that acts as a FrontController



Spring

practice...

Quiz

What does "model" component represent?

4 ✓



Application data

2 ✗



Database structure

2 ✓



POJOs

1 ✗



Application design

What does "view" component represent?

2 ✓



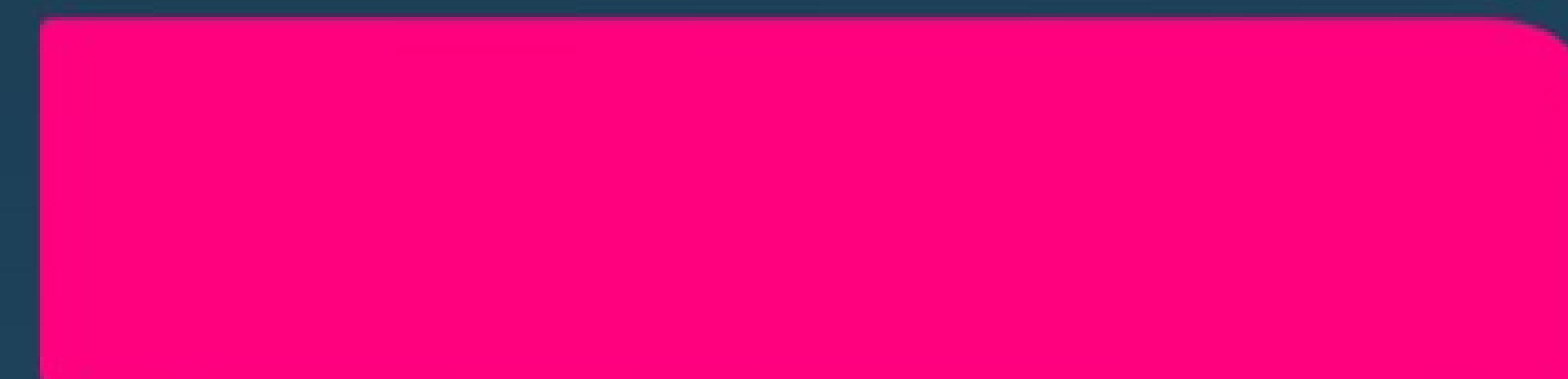
JSP

5 ✗



viewModel

1 ✓



Thymeleaf

0 ✗

Database UML diagram

Choose all options that associated with "controller" ?

5 ✓



Handling HTTP Requests

1 ✓



Intermediary between Model and View

3 ✓



@Controller annotated Java classes

0 ✓

An app endpoint

Spring MVC is built on top of ...

7 ✓



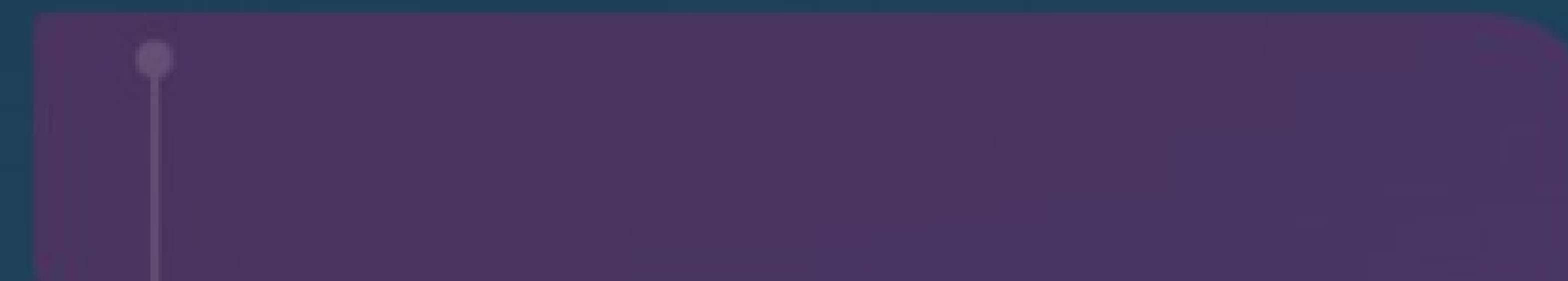
Servlet API

1 ✗



Spring Boot

1 ✗



Java EE

0 ✗

Dependency injection

What is WebApplicationInitializer?

5 ✓



Interface to bootstrap
DispatcherServlet

4 ✓



Initializes Application Context

0 ✗

Manages all the beans

What does @ComponentScan do?

3



Scans all the classes

0



Scans for files

7



Tells Spring Application Context where to look for beans

What does @Configuration do?

9 ✓

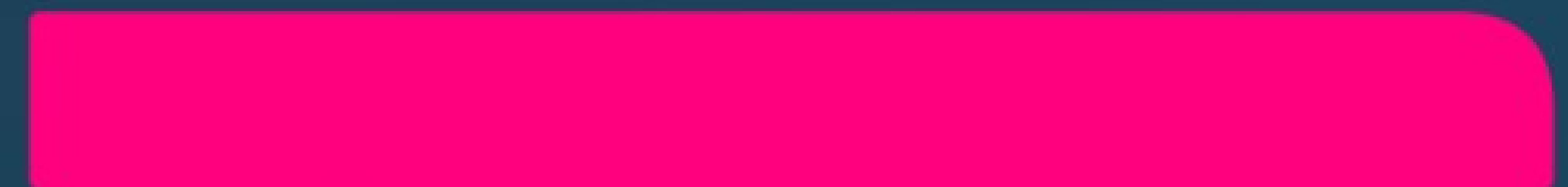


Tells Application Context that file contains bean configurations

0 ✗

Tells Application Context this file runs the application

1 ✓



Tells Application Context how to behave

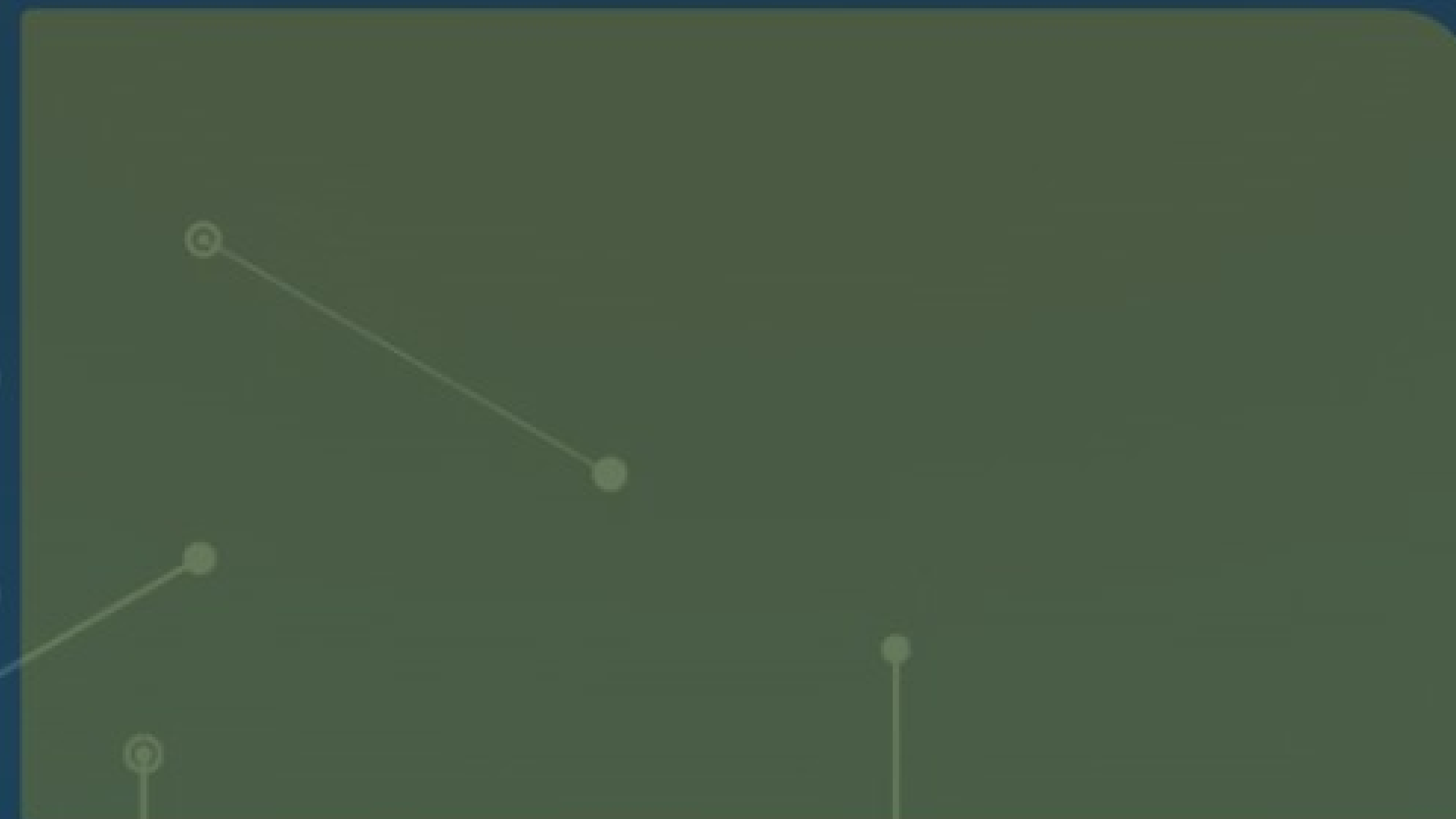
What is the difference between @Component and @Controller annotations?

2 ✓



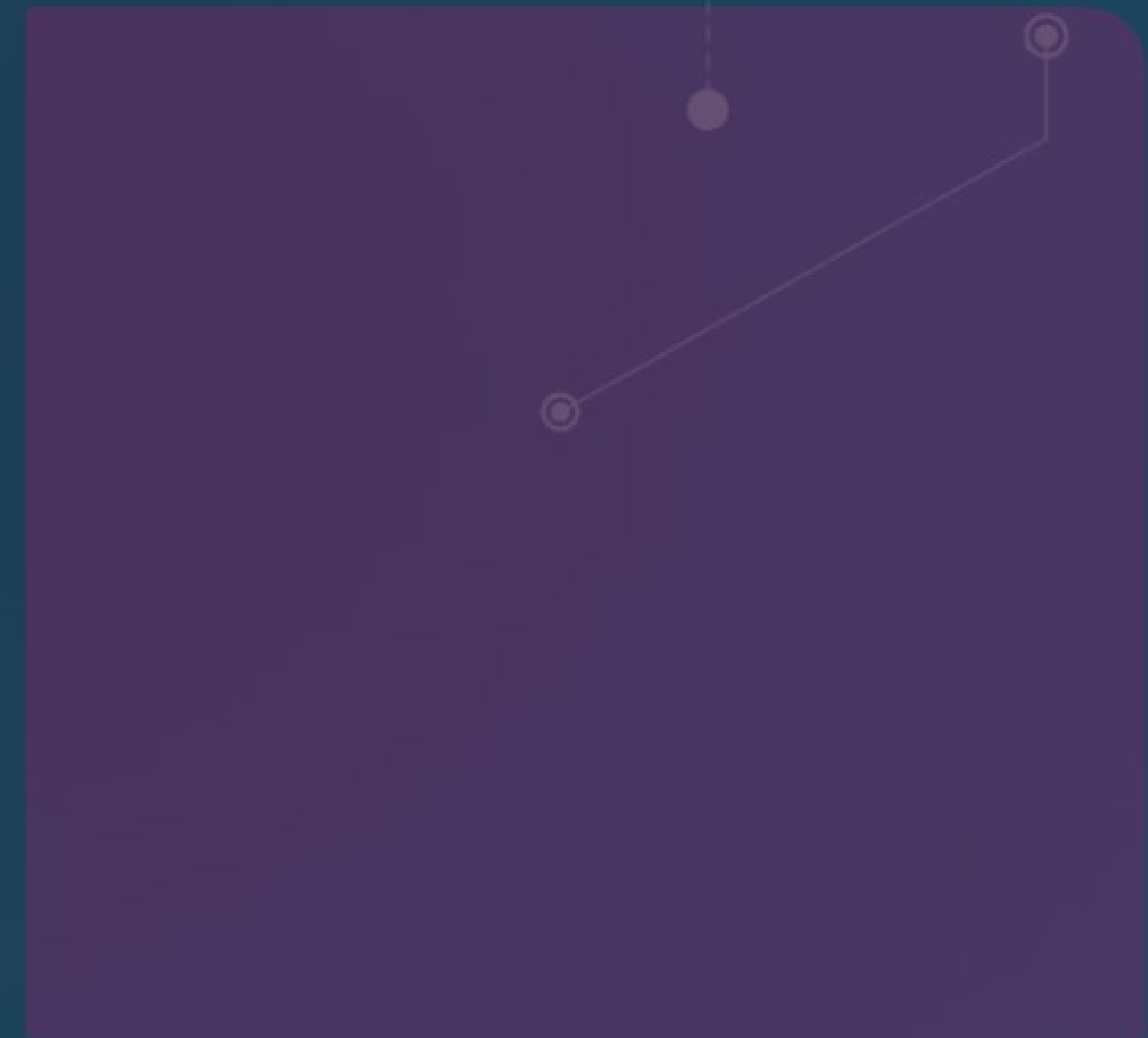
No difference

3 ✗



Component has higher priority

5 ✗



Controller has higher priority

What happens if we do not specify URL after @GetMapping?

2 ✗



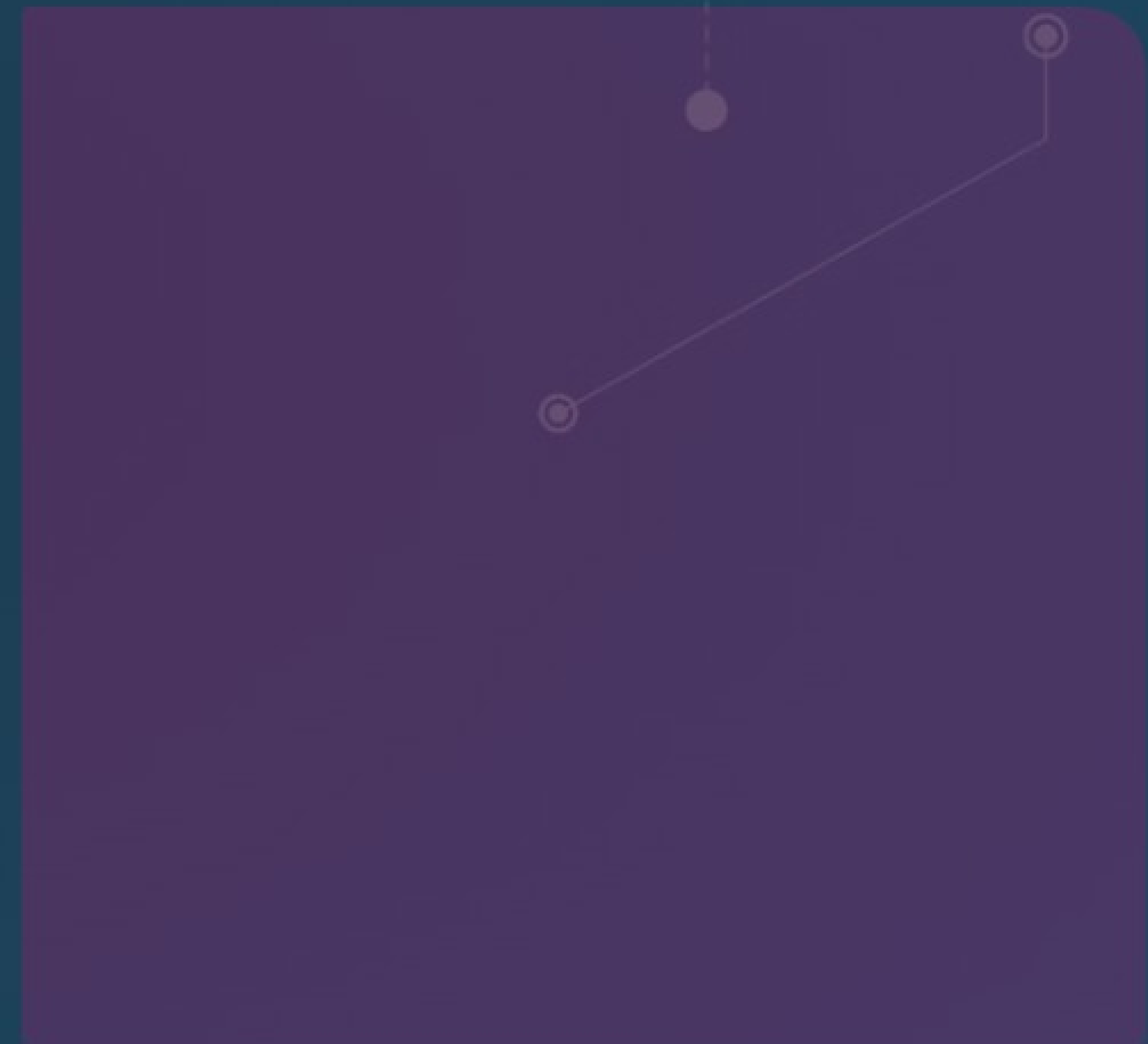
Controller does not work

4 ✓



Any GET request will be forwarded to that controller

4 ✗



Any request will be forwarded to that controller

What does @ModelAttribute do?

10 ✓



Bind a method parameter or method return value to a model attribute

0 ✗

Bind a class value to a model attribute

1 ✗

Bind interface to model attribute

Quiz leaderboard



Next time: Spring MVC

Questions?

