

Instructions



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

1 response

i haven't started yet

Today's agenda

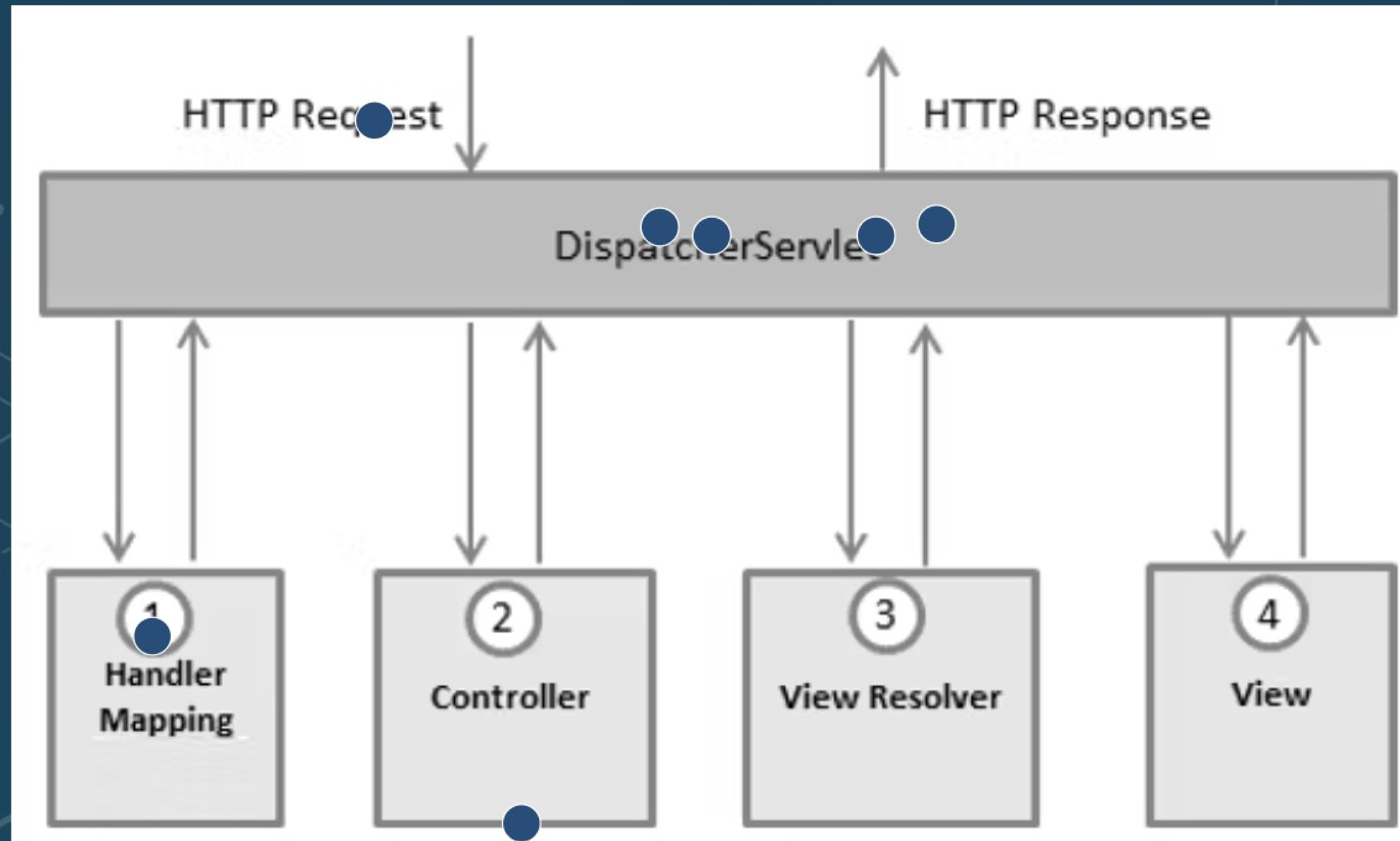
- Total Recall
- Spring Framework
- Quiz
- Questions

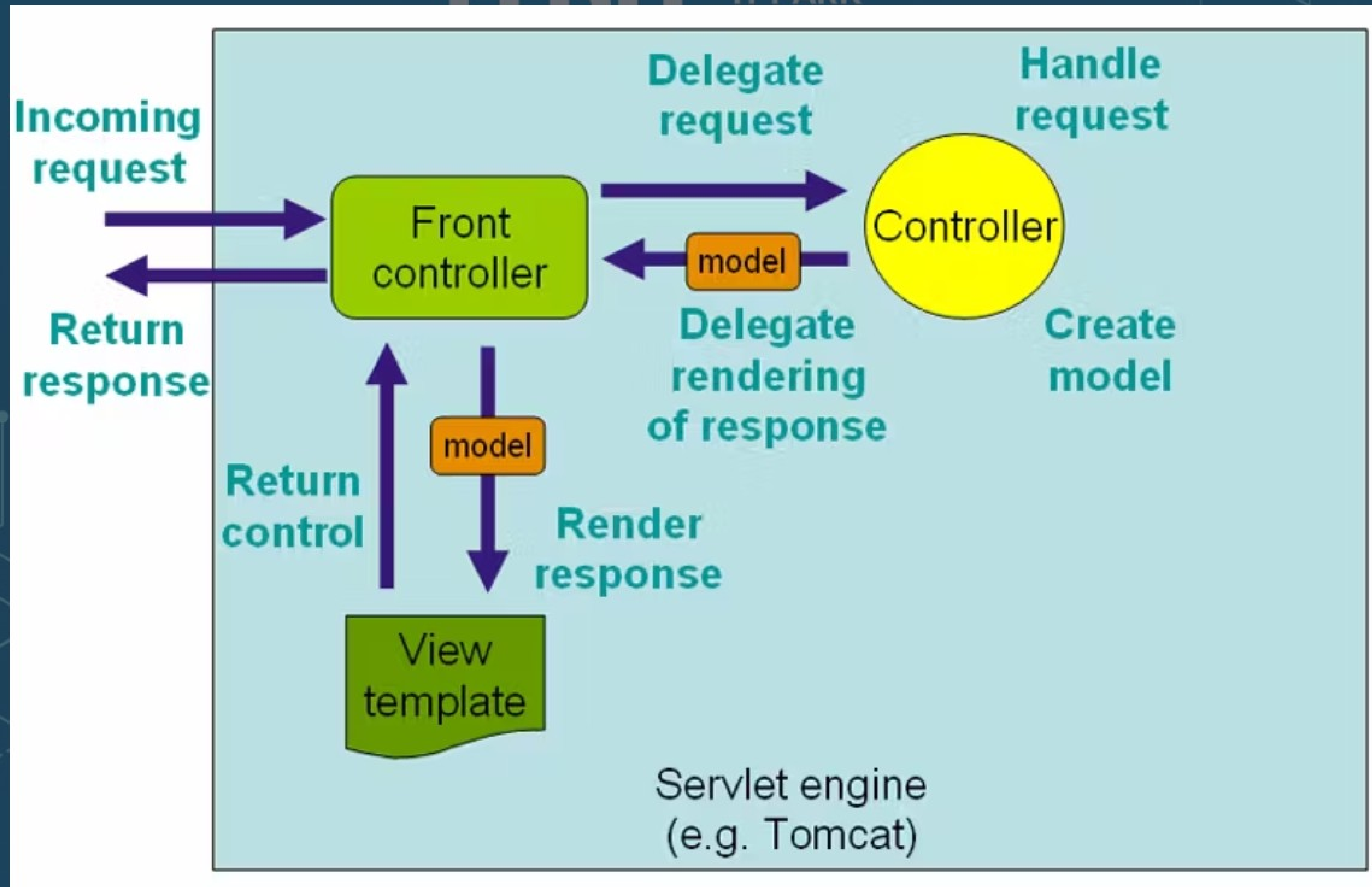
Total Recall

What do you remember from the previous workshop ?

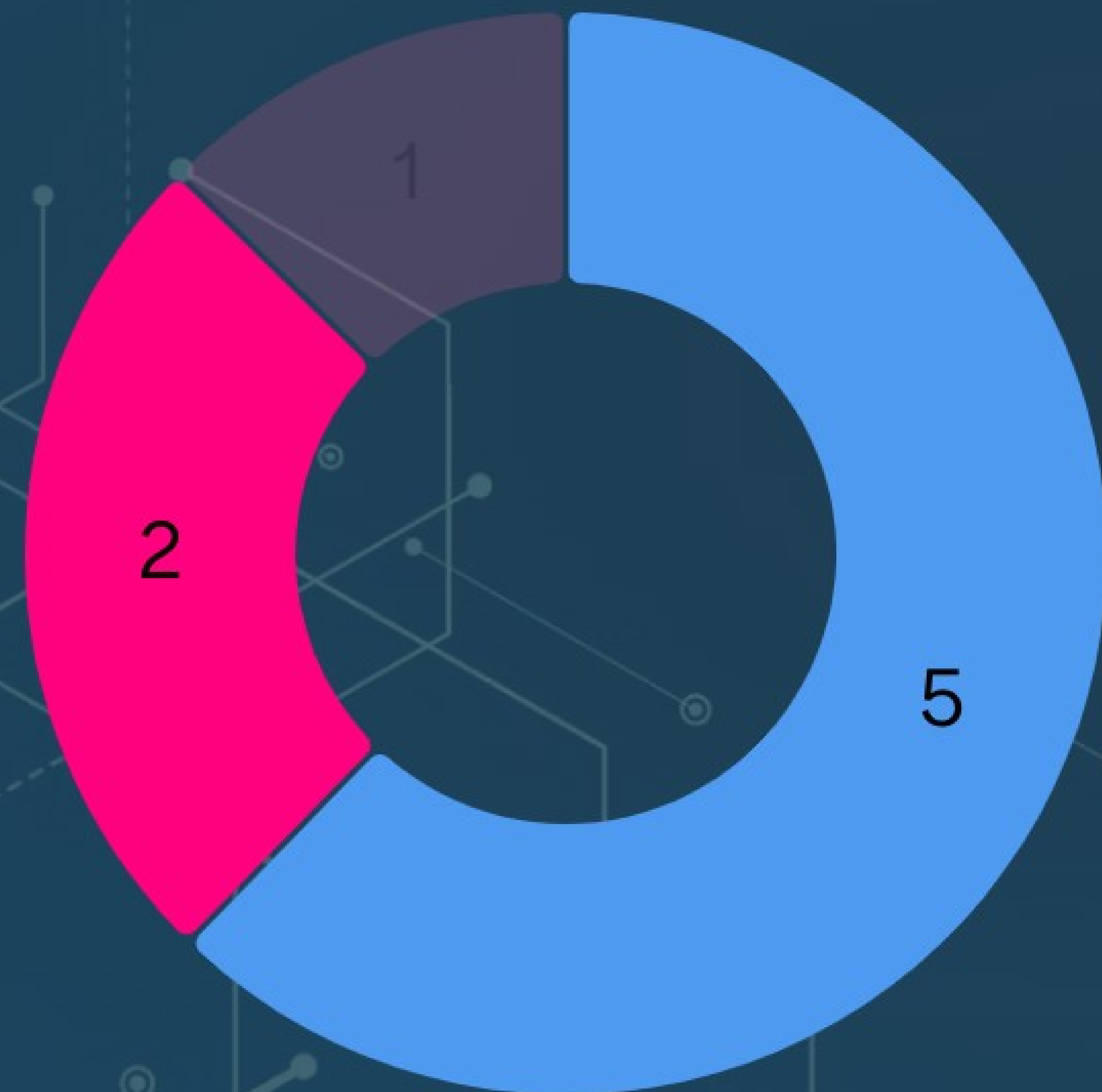
@Qualifier annotation

Pin on a component that acts as a FrontController



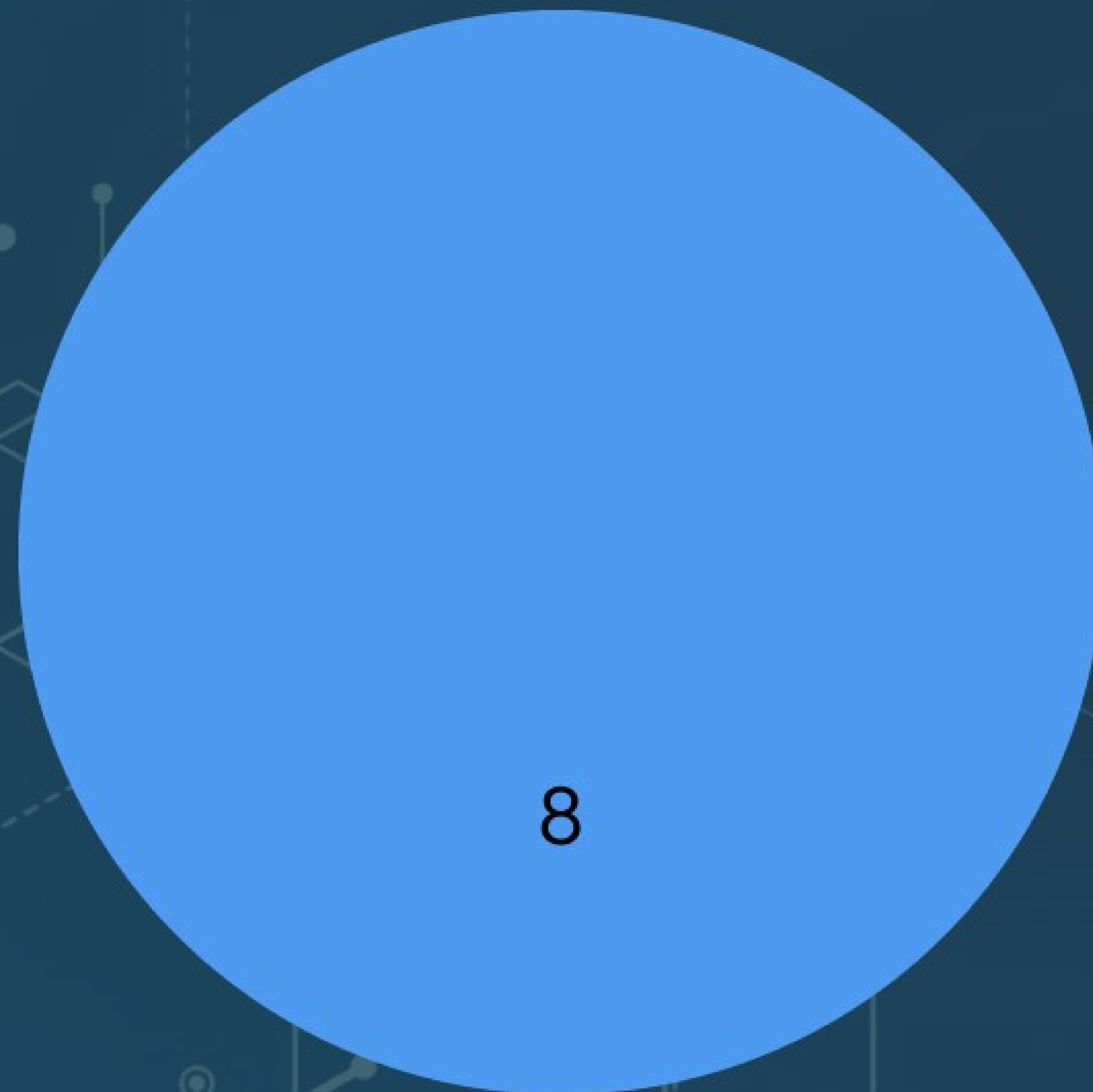


What does "model" component represent?



5	Application data	✓
0	Database structure	✗
2	POJOs	✓
1	Application design	✗

What does "view" component represent?



8	JSP	✓
0	viewModel	✗
0	Thymeleaf	✓
0	Database UML diagram	✗

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

7 ✓



Any GET request will be forwarded to that controller

0 ✗

Controller does not work

1 ✗



Any request will be forwarded to that controller

Spring MVC (ws-19)

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

Spring

practice...

Quiz

Why use the Model interface?

2 ✖



DB model description

5 ✔



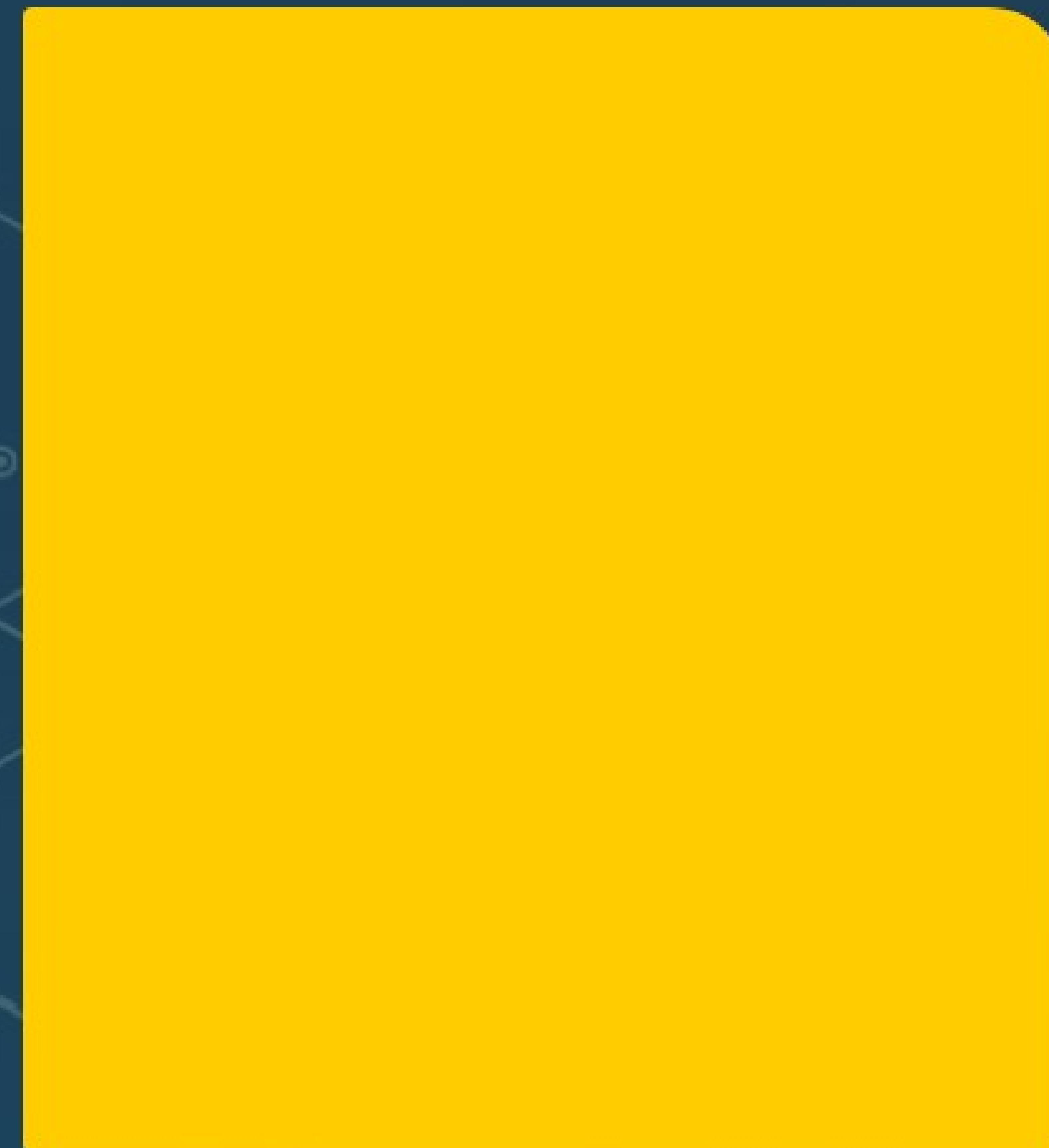
pass data between controller and view

0 ✖

manage session attributes

What is the purpose of the @RequestParam annotation in Spring MVC?

10 ✓



0 ✗

A) To bind HTTP request headers to method parameters.

B) To bind HTTP request parameters to method arguments.

1 ✗

C) To specify the URL path for a controller method.

0 ✗

D) To forward the request to another controller.

Which of the following is true when using @RequestParam in Spring MVC?

6 ✓



A) By default an exception is thrown if the parameter is missing.

1 ✗



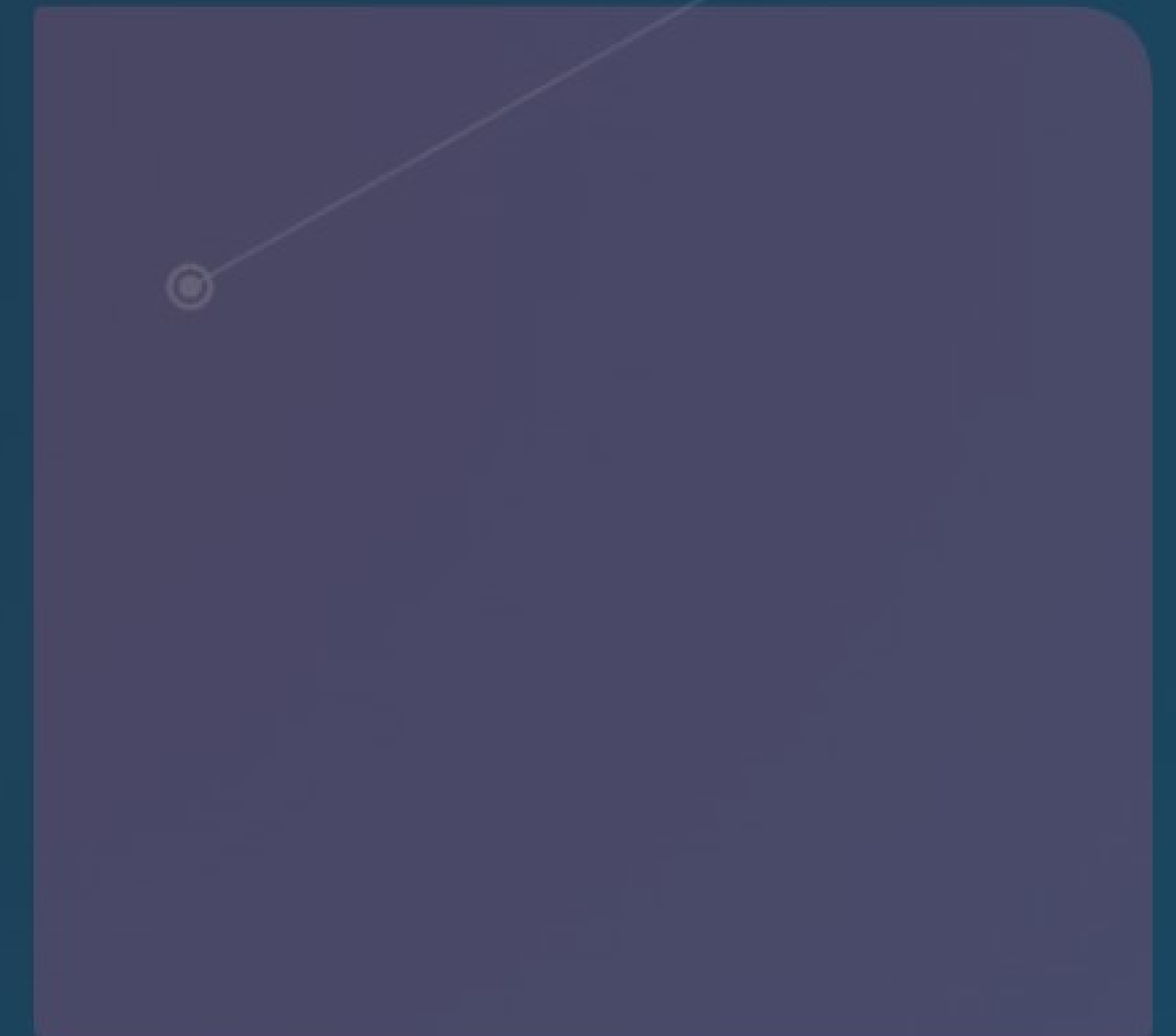
B) It is always optional regardless of configuration.

0 ✗



C) It can only be used for GET requests.

5 ✗



D) You must always specify a default value when using '@RequestParam'.

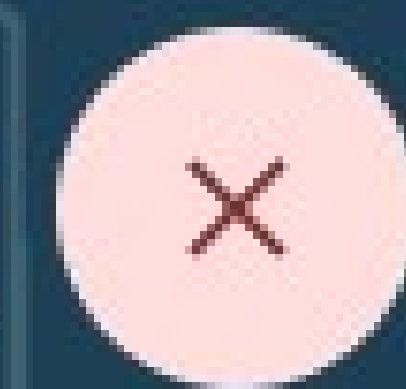
What is the primary role of the Model or ModelMap object in Spring MVC?

1



A) To handle HTTP responses in JSON format.

4



B) To bind HTTP request parameters to method arguments.

7



C) To store data that will be passed to the view for rendering.

0



D) To manage database transactions in controllers.

What is the difference between Model and ModelMap in Spring MVC?

5 ✓



A) 'Model' - map-based interface, while 'ModelMap' - implementation of

2 ✗



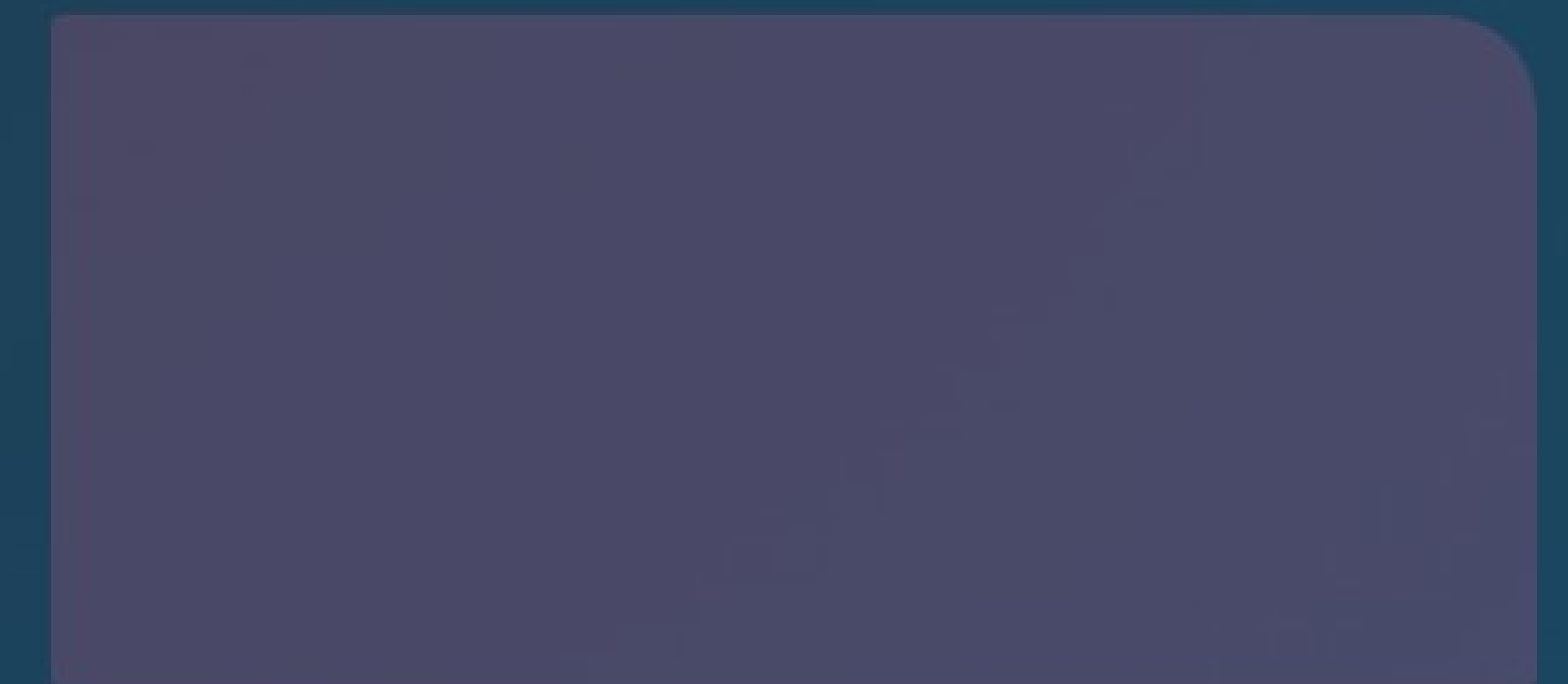
B) 'Model' is used for JSON responses; but 'ModelMap' is used for XML

2 ✗



C) Both are identical, with no functional differences.

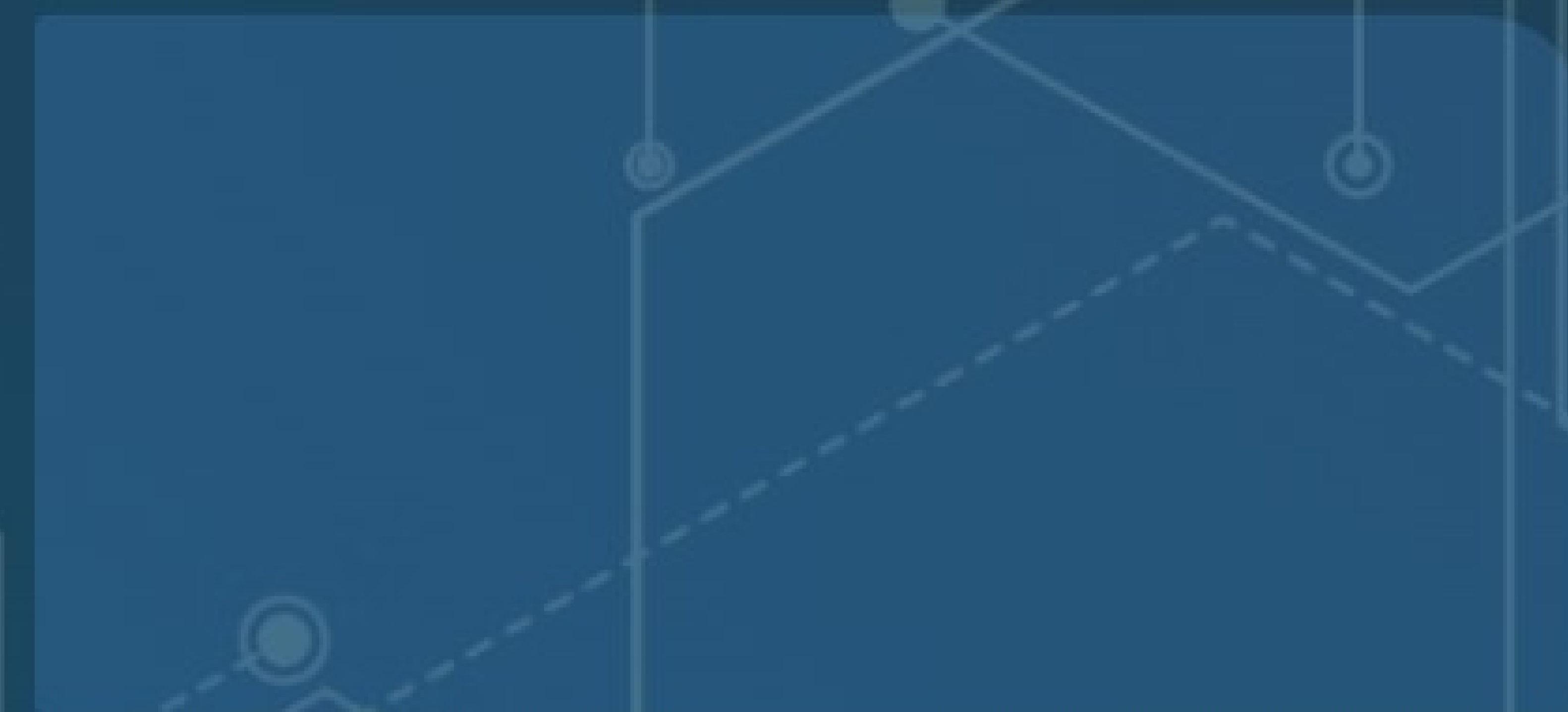
2 ✗



D) 'Model' is used for processing data, while 'ModelMap' manages headers

What does the @ModelAttribute annotation do in Spring MVC?

2



A) It maps request parameters to method arguments.

4



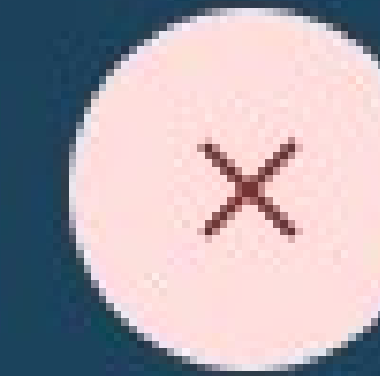
B) It binds model attributes to the view.

5



C) It specifies the view name for the controller method.

0



D) It routes the request to a specific service.

What is the purpose of the ModelAndView class in Spring MVC?

9 ✓

1 ✗

A) To handle database queries in the controller.

1 ✗

B) To manage model interactions with JavaScript.

0 ✗

C) To dynamically bind request parameters to the model.

D) Keep model data and view name together for processing by Dispatcher

Where do we validate data?

6 ✓



In controller

1 ✗



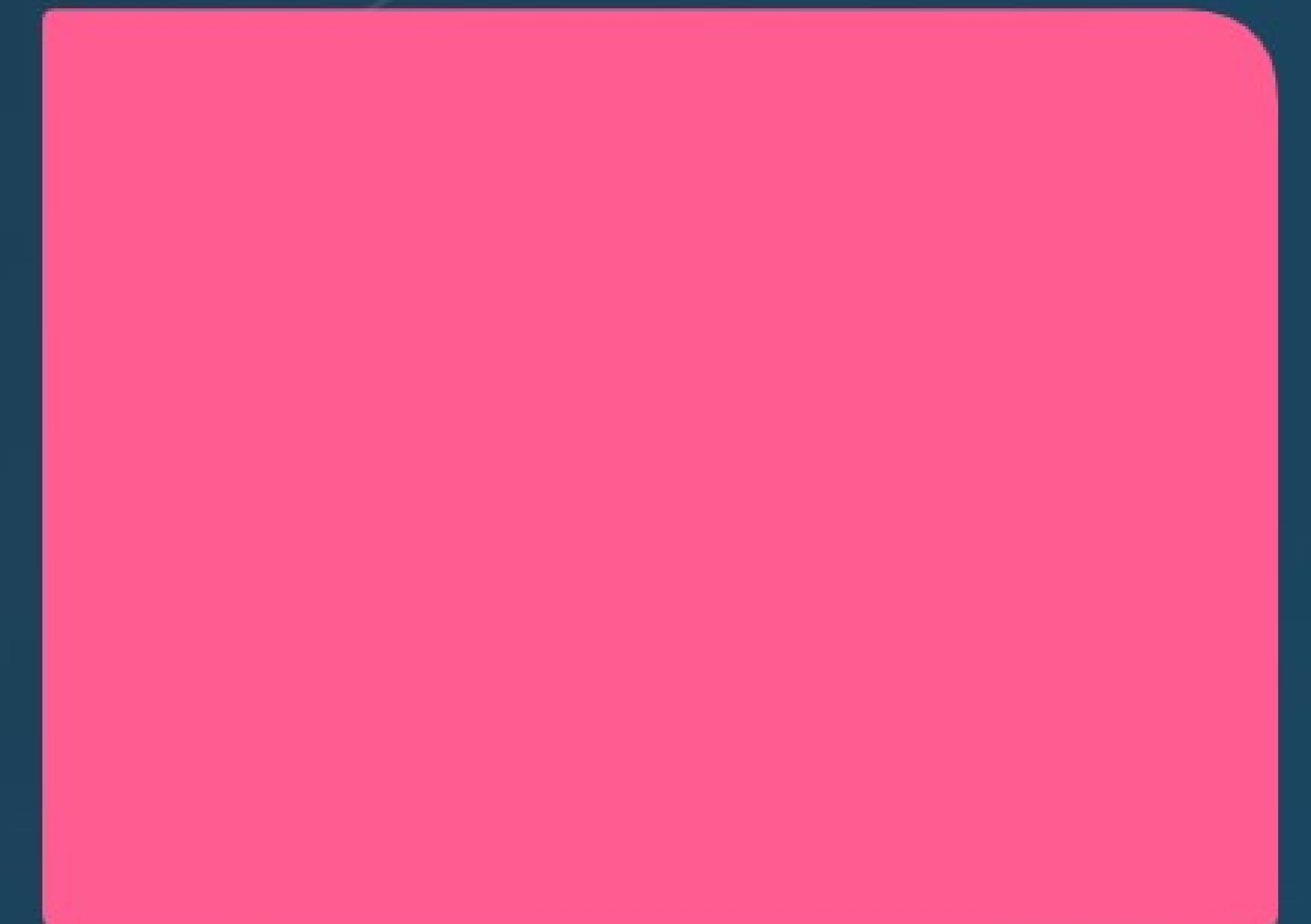
In entity

0 ✓



In front-end

4 ✓



In service

Where to put @Valid annotation?

3 ✓



In Controller

3 ✗



In Entity

0 ✗

In Service

1 ✗



In repository

What is the difference between @NotNull and @NotEmpty?

3 ✓



One is Javax, another is Hibernate validation

0 ✗

No difference

4 ✓



@NotEmpty also checks for @NotNull

Quiz leaderboard



Next time: Spring MVC

Questions?

