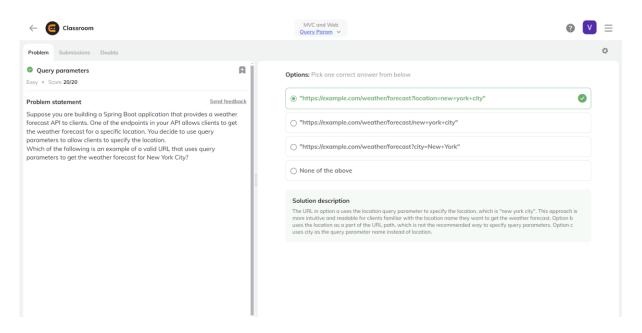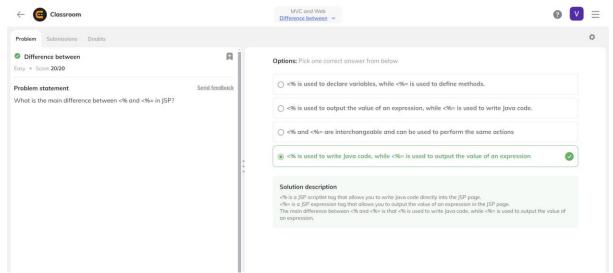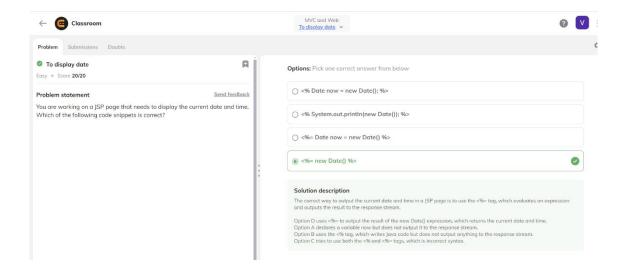# Quiz Questions

## (1) Query Parameters
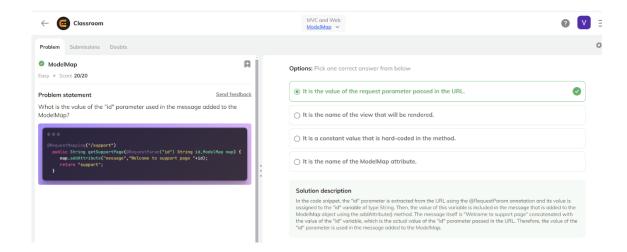


## (2) Difference Between

## (3) To display date



## (4) Model Map



## (5) Mode and ModelMap

## (6) User's profile page



Classroom

MVC and Web
user's profile page

**Problem** Submissions Doubts

✓ user's profile page
Easy • Score **20/20**

### Problem statement                    Send feedback

You are building a Spring Boot web application that displays a user's profile page. The profile page should display the user's name, email address, and a list of their recent orders. Which of the following should you use?

**Options:** One or more answers may be correct

☑ **Model** ✓

☑ **ModelAndView** ✓

☐ Both Model and ModelAndView can be used interchangeably

☐ Neither Model nor ModelAndView

**Solution description**

For this scenario, you should use either Model or ModelAndView. Model is a simple interface provided by Spring Boot that allows you to pass data to your view templates. It provides methods to add attributes to the model, which can be accessed in the view. ModelAndView is a class that extends Model and provides additional features like specifying the view name to use, setting the HTTP status code, and more. In this case, you could use Model to pass the user's name, email address, and list of recent orders as attributes to the view. Alternatively, you could use ModelAndView to specify the view name and pass the same attributes to the view. So the correct answer is either a) Model or b) ModelAndView. Option c) is incorrect because while both can be used, they are not interchangeable, as ModelAndView provides additional functionality. Option d) is also incorrect as you need either Model or ModelAndView to pass data to the view.

## (7) Welcome message



Classroom

MVC and Web
welcome message

**Problem** Submissions Doubts

✓ welcome message
Easy • Score **20/20**

### Problem statement                    Send feedback

You are building a Spring Boot web application that displays a welcome message on the home page. The welcome message should be passed to the view, but you do not need to specify the name of the view. Which of the following should you use?

**Options:** Pick one correct answer from below

◉ **Model** ✓

○ ModelAndView

○ Both Model and ModelAndView can be used interchangeably

○ Neither Model nor ModelAndView

**Solution description**

Since you do not need to specify the name of the view, using Model is a straightforward way to pass data to the default view that Spring Boot uses for the home page. You can add the welcome message as an attribute to the model and it will be accessible in the view. ModelAndView, on the other hand, is used when you need to specify the name of the view or provide additional functionality like setting the HTTP status code or defining a redirect. So the correct answer is a) Model. Option b) is incorrect because ModelAndView is used to specify the name of the view. Option c) is incorrect because ModelAndView provides additional functionality that is not needed in this scenario. Option d) is also incorrect as you need either Model or ModelAndView to pass data to the view.

## (8) Model Map

← Classroom

Problem · Submissions · Doubts

✓ ModelMap
Easy · Score 20/20

**Problem statement**                    Send feedback

Which of the following statements is true about ModelMap in Spring Framework?

**Options:** Pick one correct answer from below

○ ModelMap is used to represent the database in Spring MVC.

○ ModelMap is used to represent the view in Spring MVC.

○ ModelMap is used to represent the controller in Spring MVC.

◉ ModelMap is used to pass data from the controller to the view in Spring MVC.  ✓

**Solution description**

The correct answer is D) ModelMap is used to pass data from the controller to the view in Spring MVC. In Spring MVC, the ModelMap is a data structure used by the controller to pass data to the view. It is essentially a map of attribute names and their values, and it is used to represent the model in the Model-View-Controller (MVC) architecture.

## (9) Path Variable

← Classroom

Problem · Submissions · Doubts

✓ PathVariable
Easy · Score 20/20

**Problem statement**                    Send feedback

What is the purpose of @PathVariable annotation in Spring?

**Options:** Pick one correct answer from below

○ To extract a parameter from the request body

◉ b) To extract a parameter from the URL path  ✓

○ To extract a parameter from the request header

○ To extract a parameter from the request parameter

**Solution description**

The purpose of the @PathVariable annotation in Spring is to extract a variable or parameter from the URL path and use it as a method parameter in a Spring Controller. It is often used in RESTful web services to retrieve specific information related to a particular resource or entity identified by the URI or URL path.