WAY2LEARN

LAB- Spring Mvc -Testing

In this lab you will be understanding how to write test cases for testing your controller using Mock MVC framework;

In this lab you will be working on 01mvc-tests-start

STEP -1

1) Open CourseController.java and observe viewIndividualCourse() method. Observe that this method throws some exceptions based on some conditions.

Now we want to write a test case to test whether all MVC configurations work fine and also we want to test the logic in viewIndividualCourse().

We want to test MVC configuration with out deploying into any web container. So, we need to use Mock MVC test framework.

Open **MvcConfig.java** and observe that it is using Spring boot configuration (@EnableAutoConfiguration)

Open **TestConfig.java** and observe how we have configured Mocked services using Mockito

Open CourseControllerTests.java and Observe how mocks are initialized in setup() method.

2) To Perform any Mock MVC operations, we need an Object of MockMvc.

To Create MockMvc Object we need WebapplicationContext.

Complete TODO-1 by AutoWiring WebApplicationContext.

3) Complete all TODOs from TODO-2 to TODO-14

4) In this step, you will understand how to assert for validation and Binding Errors

Open RequestInfoControllerTests.java and complete the TODOs

Congratulations !! You know how to write test cases for testing your MVC configuration and controllers using mock mvc framework.