



LAB- Spring Mvc - Way2Learn App

In this lab you will be understanding how to create a web application using spring mvc using annotations

STEP -1

In this step, you will be working on **03mvc-basic-way2learn-start project**

1) Open web.xml and observe that Dispatcher servlet is mapped to `/`. Since name of the servlet is `ds`, the spring bean configuration has to be `ds-servlet.xml` by default.

But now we have 2 xmls `db-config.xml` and `mvc-config.xml`

Configure a `ContextLoaderListener` to create root applicationcontext using `db-config.xml`.

Configure `DispatcherServlet` to create application context using `mvc-config.xml`

2) Open **mvc-config.xml** and observe the configuration. Since we have mapped dispatcher servlet to `/`, if static files have to be rendered properly, we need to configure following in **mvc-config.xml**

```
<mvc:annotation-driven />
<mvc:default-servlet-handler/>
```

Do you remember the reason why we need to configure above? If not, please go through my video once

3) Open `HomePageController` and complete `TODO-1`

4) Open `CourseController` and complete `TODO-2` and `TODO-3`

5) Deploy the application and give request to `/home.htm`. You can also click on `browseCourses` on the top of page. Once the courses are shown, you can click on `ViewDetails` link to see the course details.

Analyze the flow while clicking on the links. View the JSP code and try to understand the code at high level.

Congratulations !! You know how to create web application using Spring MVC !!