LAB- Spring Mvc - Using tiles

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

STEP -1

In this step, you will be working on   **07mvc-tiles-start**   project

We want to maintain same look and feel in all the pages of our application.

So, layout of all pages should be written in a single file. This file should be containing place holders.

1)   Open **baseLayout.jsp** inside /**WEB-INF/jsp/commons/** folder and observe how we have created place holders for   title, offerBanner, topMenu,   body and footer. using <tiles:insertAttribute />

2) Open tiles.xml and observe that   tile definition of **baseLayout**   is using baseLayout.jsp as template . Observe how we are giving values for placeholders

3) Similarly   observe the tile definitions for **browseCourses** and **viewIndividualCourse**

4) Open   HomePageController and observe that home() method is returning the view name as "baseLayout"

Now, this logical view name should be mapped to a tile definition with name "baseLayout".

So,   open mvc-config.xml and complete TODO -1 by configuring Tiles ViewResolver as shown below

```xml
<bean id="viewResolver"
        class="org.springframework.web.servlet.view.tiles3.TilesViewResolver">
        <property name="order" value="1" />
    </bean>
```

You have to   tell the location of tile definition file by configuring the below bean .(TODO-2)

```xml
<mvc:tiles-configurer validate-definitions="true">
     <mvc:definitions location="/WEB-INF/tiles.xml" />
</mvc:tiles-configurer>
```

5) Deploy the application and make sure that everything works as expected

Congratulations !! You know how to create mvc application using   tiles