**Spring Web MVCAssignments**

1)Design and develop a Spring MVC web application as follows:

a.Create index.jsp page having one hyperlink.When user clicks on that hyperlink, it should call HelloWorldController.

b.Design HelloWorldController class that returns a view helloWorld.jsp

c.Design a helloWorld.jsp page that displays “Hello World” messag

###HelloController.java

package com.hellocontroller;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.springframework.web.servlet.ModelAndView;

import org.springframework.web.servlet.mvc.AbstractController;

public class HelloController extends AbstractController {

@Override

protected ModelAndView handleRequestInternal(HttpServletRequest arg0, HttpServletResponse arg1)

throws Exception {

ModelAndView modelandview = new ModelAndView("HelloPage");

modelandview.addObject("welcomeMessage","Hi User, welocme to the first Spring MVC application");

return modelandview;

} }

####web.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>FirstMVC</display-name>

<servlet>

<servlet-name>spring</servlet-name>

<servlet-class>org.springframework.web.servlet.DispatcherServlet

</servlet-class>

<load-on-startup>1</load-on-startup>

</servlet>

<servlet-mapping>

<servlet-name>spring</servlet-name>

<url-pattern>/</url-pattern>

</servlet-mapping>

</web-app>

####spring-servlet.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<beans xmlns = *"http://www.springframework.org/schema/beans"*

xmlns:context = *"http://www.springframework.org/schema/context"*

xmlns:xsi = *"http://www.w3.org/2001/XMLSchema-instance"*

xsi:schemaLocation = *"http://www.springframework.org/schema/beans*

*http://www.springframework.org/schema/beans/spring-beans-2.5.xsd"*>

<!-- http://www.springframework.org/schema/context

http://www.springframework.org/schema/context/spring-context-5.3.8.xsd -->

<bean id=*"HandlerMapping"* class=*"org.springframework.web.servlet.handler.BeanNameUrlHandlerMapping"* />

<bean name=*"/welcome.html"* class=*"com.hellocontroller.HelloController"* />

<bean id=*"viewResolver"* class=*"org.springframework.web.servlet.view.InternalResourceViewResolver"*>

<property name = *"prefix"*>

<value>/WEB-INF/views/</value>

</property>

<property name = *"suffix"*>

<value>.jsp</value>

</property>

</bean>

</beans>

###HelloPage.jsp

<html>

<body>

<h1>First Spring MVC Application Demo</h1>

<h2>${welcomeMessage}</h2>

</body>

</html>