**Controller(StudentController.java)**

package com.luv2code.springdemo.mvc;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

import org.springframework.web.bind.annotation.ModelAttribute;

import org.springframework.web.bind.annotation.RequestMapping;

/\*

modelAttribute in jsp states which obj will be used to set/get form attributes

when form is loaded it used getters of attributes to get values. If its null then the field is set empty

eg it calls getFirstName(), setFirstName() of student obj got frm controller

\*/

*@Controller*

*@RequestMapping*("/student")

public class StudentController {

*@RequestMapping*("/showForm")

public String showForm(Model model) {

Student theStudent = new Student();

model.addAttribute("student",theStudent); // provide student obj to jsp

return "student-form";

}

*@RequestMapping*("/processForm")

public String processForm(*@ModelAttribute*("student") Student theStudent) {

System.***out***.println("theSudent "+theStudent.getFirstName()+ " "+ theStudent.getLastName());

return "student-confirmation";

}

}

**Student class**

package com.luv2code.springdemo.mvc;

/\*

modelAttribute in jsp states which obj will be used to set/get form attributes

when form is loaded it used getters of attributes to get values. If its null then the field is set empty

eg it calls getFirstName(), setFirstName() of student obj got frm controller

\*/

public class Student {

private String firstName;

private String lastName;

public Student() {

}

public String getFirstName() {

return firstName;

}

public void setFirstName(String firstName) {

this.firstName = firstName;

}

public String getLastName() {

return lastName;

}

public void setLastName(String lastName) {

this.lastName = lastName;

}

}

**Student form(student-form.jsp)**

<%@ **taglib** prefix=*"form"* uri=*"http://www.springframework.org/tags/form"* %>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Insert title here</**title**>

</**head**>

<**body**>

<!--modelAttribute states which obj will be used to set/get form attributes-->

<!-- when form is loaded it used getters of attributes to get values. If its null then the field is set empty -->

<!-- When we submit it calls setters on attributes -->

<!-- eg it calls getFirstName(), setFirstName() of student obj got frm controller -->

<**form:form** action=*"processForm"* modelAttribute=*"student"*>

<!-- here ‘path’ acts similar to ‘name’ attr -->

First name: <**form:input** path=*"firstName"* /> <**br**>

Last name : <**form:input** path=*"lastName"* /> <**br**>

<**input** type=*"submit"* value=*"submit"*>

</**form:form**>

</**body**>

</**html**>

**Student Confirmation(student-confirmation.jsp)**

<%@ **page** language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**meta** charset=*"ISO-8859-1"*>

<**title**>Insert title here</**title**>

</**head**>

<**body**>

The student is ${student.firstName} ${student.lastName}

</**body**>

</**html**>

**Main.jsp**

<!**DOCTYPE** HTML>

<**HTML**>

<**BODY**>

<**h2**>Spring MVC demo</**h2**>

</**BODY**>

<**a** href=*"student/showForm"*> visit form </**a**>

</**HTML**>