File: spring-mvc-dmo-servlet.xml

Remove the previous header and add this.

```
1   <?xml version="1.0" encoding="UTF-8"?>
2   <beans xmlns="http://www.springframework.org/schema/beans"
3          xmlns:context="http://www.springframework.org/schema/context"
4          xmlns:mvc="http://www.springframework.org/schema/mvc"
5          xmlns:util="http://www.springframework.org/schema/util"
6          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
7          xsi:schemaLocation="
8              http://www.springframework.org/schema/beans
9              http://www.springframework.org/schema/beans/spring-beans.xsd
10             http://www.springframework.org/schema/context
11             http://www.springframework.org/schema/context/spring-context.xsd
12             http://www.springframework.org/schema/mvc
13             http://www.springframework.org/schema/mvc/spring-mvc.xsd
14             http://www.springframework.org/schema/util
15             http://www.springframework.org/schema/util/spring-util.xsd">
```

3. Load the country options properties file in the Spring config file. Bean id: countryOptions

File: spring-mvc-dmo-servlet.xml

Add the following lines:

```
<util:properties id="countryOptions"
location="classpath:../countries.properties" />
```

4. Inject the properties values into your Spring Controller: StudentController.java

```
1   @Value("#{countryOptions}")
2   private Map<String, String> countryOptions;
```

5. Add the country options to the Spring MVC model. Attribute name: theCountryOptions

```
1   @RequestMapping("/showForm")
2   public String showForm(Model theModel) {
3       // create a student object Student
4       theStudent = new Student();
5       // add student object to the model
6       theModel.addAttribute("student", theStudent);
7       // add the country options to the model
8       theModel.addAttribute("theCountryOptions", countryOptions);
9       return "student-form";
10  }
```

6. Update the JSP page, student-form.jsp, to use the new model attribute for the drop-down list: theCountryOptions

```
1   <form:select path="country">
2    <form:options items="${theCountryOptions}" />
3   </form:select>
```

7. Remove all references to country option from your Student.java.

DOWNLOAD FULL SOURCE CODE

You can download entire code from here:

- http://www.luv2code.com/downloads/spring-hibernate/spring-props-mvc-demo.zip (http://www.luv2code.com/downloads/spring-hibernate/spring-props-mvc-demo.zip)