Since we had computer problems last night and my computer couldn’t run the web apps, I’m sending the code for the sample listener.

**index.xhtml**

<html xmlns="http://www.w3.org/1999/xhtml"

xmlns:h="http://xmlns.jcp.org/jsf/html"

xmlns:f="http://java.sun.com/jsf/core">

<h:head>

<title>Welcome</title>

</h:head>

<h:body>

<h:form>

<h3>Select One</h3>

<h:selectOneMenu value="#{selectBean.choice}">

<f:selectItem itemValue="1" itemLabel="One" />

<f:selectItem itemValue="2" itemLabel="Two" />

<f:selectItem itemValue="3" itemLabel="Three" />

<f:selectItem itemValue="4" itemLabel="Four" />

</h:selectOneMenu>

<p><h:commandButton value="Submit" actionListener="#{selectBean.attrListener}" action="answer"/></p>

</h:form>

</h:body>

</html>

**answer.xhtml**

<?xml version='1.0' encoding='UTF-8' ?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml"

xmlns:h="http://xmlns.jcp.org/jsf/html">

<h:head>

<title>Result</title>

</h:head>

<h:body>

<h3>The selection is: #{selectBean.choice}.</h3>

</h:body>

</html>

The selectOneMenu shows a drop-down list of items. You specific the value of the item (1, 2, 3, 4) and the label that will be used in the drop list (One, Two, Three, Four).

When the user selects one of the items, JSF assigns that selection to the variable *choice* of an instance of SelectBean class.

**SelectBean.java**

import javax.faces.bean.ManagedBean;

import javax.faces.bean.RequestScoped;

@ManagedBean(name = "selectBean")

public class SelectBean {

private String choice;

public SelectBean(){

}

public String getChoice(){

return choice;

}

public void setChoice(String choice){

this.choice = choice;

}

public void attrListener(){

//just demonstrating a listener. The values for the selectOneMenu are 1, 2, 3, 4 as specified in the index.xhtml file. This turns it into words so it can be printed from the answer.xhtml.

switch(choice){

case "1": choice = "one";

break;

case "2": choice = "two";

break;

case "3": choice = "three";

break;

case "4": choice = "four";

}

}

}