Create a JSP page that demonstrates maintaining state info in HTML controls between requests.

(Add the following to your JSPIntroDemo project you created above.)

1. Create a JSP page named Choose.jsp and initialize it to:

```html
<html>
<head>
    <title>Choose</title>
</head>
<body>
<form method='post' action='ChooseServlet'>
    <p>Is JSP cool?</p>
    <input type='radio' value='1' name='radioJSPCool' ><span>Yes</span><br/>
    <input type='radio' value='0' name='radioJSPCool' ><span>No</span><br/>
    <input type='submit' name='btnSubmit' value='Submit'/>
    <p>Is JSF way cool?</p>
    <input type='radio' value='1' name='JSFwayCool'><span>Yes</span><br/>
    <input type='radio' value='0' name='JSFwayCool'><span>No</span><br/>
    <input type='submit' name='btnSubmit' value='Submit'/>
    <p>Is the moon made of cheese?</p>
    <input type='radio' value='1' name='moonCheese'><span>Yes</span><br/>
    <input type='radio' value='0' name='moonCheese'><span>No</span><br/>
    <input type='submit' name='btnSubmit' value='Submit'/>
</form>
</body>
</html>
```

2. Create a servlet named ChooseServlet with the following code

```java
protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
    RequestDispatcher dispatch = request.getRequestDispatcher("Choose.jsp");
    dispatch.forward(request, response);
}

protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
    String choice = request.getParameter("radioJSPCool");
    if (choice != null) {
        System.out.println("choice= " + choice);
        if (choice.equals("1")) {
            request.setAttribute("jspCoolYes", "checked");
            request.setAttribute("jspCoolNo", "");
        } else {
            request.setAttribute("jspCoolYes", "");
            request.setAttribute("jspCoolNo", "checked");
        }
    } else
        System.out.println("No choice made");
    RequestDispatcher dispatch = request.getRequestDispatcher("Choose.jsp");
    dispatch.forward(request, response);
}
```

3. Add Choose to index.jsp (and make sure your @WebServlet annotation matches the url.

4. run

5. Click the Choose link

6. Select the Yes button and click Submit

7. Observe that the doPost method of Choose is called, that choice=1 is written to the web container (Glassfish) window. However, in the redisplayed page the Yes radio button is no longer selected. What we want is that the user of this form can enter some responses, then click on a Submit button to save that work, and then be able to continue working on the rest of the form. They should be able to still see all their previous answers after clicking Submit.

8. Use your understanding of state management in servlets to fix this.

HINT: <input type='radio' value='1' name='radioJSPCool' checked >Yes

8a. Try using an EL expression to generate the "checked" flag.

8b. Try using an object in your EL expression, e.g.,

class name: RadioState fields:

String yesCheck

String noCheck