

```
1  <%--
2      Created by IntelliJ IDEA.
3      com.mydomain.max.User: mhm85
4      Date: 10/28/2019
5      Time: 2:23 PM
6      To change this template use File | Settings |
       File Templates.
7  --%>
8  <%@ page contentType="text/html; charset=UTF-8"
       language="java" %>
9  <html>
10 <head>
11     <title>Login</title>
12 </head>
13 <body>
14 <form action="doSomething" method="post" enctype="
       multipart/form-data">
15     <input type="hidden" name="fromPage" value="
       page1">
16     <label>Firstname:</label><input type="text"
       name="firstName" required><br>
17     <label>Lastname:</label><input type="text" name
       ="lastName" required><br>
18     <label>Picture:</label><input type="file" name=
       "fileUp"><br>
19     <input type="submit" value="Get in">
20 </form>
21 </body>
22 </html>
23
```

```
1 <%@ taglib prefix="c" uri="http://java.sun.com/jsp/
  jstl/core" %>
2 <%--
3   Created by IntelliJ IDEA.
4   User: mhm85
5   Date: 11/11/2019
6   Time: 2:39 PM
7   To change this template use File | Settings |
  File Templates.
8 --%>
9 <%@ page contentType="text/html; charset=UTF-8"
  language="java" %>
10 <html>
11 <head>
12     <title>Page 2</title>
13 </head>
14 <body>
15     <c:choosec:when test="${sessionScope.userSession !=
  null}">
17             <c:out value="${sessionScope.
  userSession.firstName}"/>
18             <c:out value="${pageContext.session.id}
  "/>
19         </c:whenc:otherwisec:redirect url="index.jsp"/>
23         </c:otherwisec:choose
```

```
27
28     <form action="doSomething" method="post">
29         <input type="hidden" name="fromPage" value=
    "page2">
30         <input type="submit" value="Blahblah">
31     </form>
32 </body>
33 </html>
34
```

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0"
3         xmlns:xsi="http://www.w3.org/2001/
XMLSchema-instance"
4         xsi:schemaLocation="http://maven.apache.
org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0
.0.xsd">
5     <modelVersion>4.0.0</modelVersion>
6
7     <groupId>groupId</groupId>
8     <artifactId>session-cookies-practice</
artifactId>
9     <version>1.0-SNAPSHOT</version>
10
11     <dependencies>
12         <dependency>
13             <groupId>javax.servlet</groupId>
14             <artifactId>jstl</artifactId>
15             <version>1.2</version>
16         </dependency>
17     </dependencies>
18
19 </project>
```

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
3           xmlns:xsi="http://www.w3.org/2001/
XMLSchema-instance"
4           xsi:schemaLocation="http://xmlns.jcp.org/
xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/
web-app_4_0.xsd"
5           version="4.0">
6
7     <servlet>
8       <servlet-name>MyServlet</servlet-name>
9       <servlet-class>com.mydomain.max.MyServlet</
servlet-class>
10    </servlet>
11
12    <servlet-mapping>
13      <servlet-name>MyServlet</servlet-name>
14      <url-pattern>/doSomething</url-pattern>
15    </servlet-mapping>
16 </web-app>
```

```
1 pictureUploadPath=C:\\Pics
```

```
1 package com.mydomain.max;
2
3 import java.io.Serializable;
4
5 public class User implements Serializable {
6     private String firstName;
7     private String lastName;
8
9     public User() {
10         firstName = "";
11         lastName = "";
12     }
13
14     public User(String firstName, String lastName)
15     {
16         this.firstName = firstName;
17         this.lastName = lastName;
18     }
19
20     public String getFirstName() {
21         return firstName;
22     }
23
24     public void setFirstName(String firstName) {
25         this.firstName = firstName;
26     }
27
28     public String getLastName() {
29         return lastName;
30     }
31
32     public void setLastName(String lastName) {
33         this.lastName = lastName;
34     }
35 }
```

File - User.java

```
33     }
```

```
34 }
```

```
35
```



```
1 package com.mydomain.max;
2
3 import javax.servlet.ServletException;
4 import javax.servlet.annotation.MultipartConfig;
5 import javax.servlet.annotation.WebServlet;
6 import javax.servlet.http.*;
7 import java.io.File;
8 import java.io.IOException;
9 import java.io.InputStream;
10 import java.util.ArrayList;
11 import java.util.Properties;
12
13 @WebServlet(name = "com.mydomain.max.MyServlet")
14 @MultipartConfig
15 public class MyServlet extends HttpServlet {
16     protected void doPost(HttpServletRequest
17         request, HttpServletResponse response) throws
18         ServletException, IOException {
19         Properties properties = new Properties();
20         InputStream input = getClass().
21             getClassLoader().getResourceAsStream("settings.
22             properties");
23         properties.load(input);
24
25         String url = "";
26
27         String action = request.getParameter("
28             fromPage");
29
30         if (action.equals("page1")) {
31
32             // Get first and last name from
33             textboxes
```

```
28         String firstName = request.getParameter
    ("firstName");
29         String lastName = request.getParameter(
    "lastName");
30
31         // Get uploaded file
32         Part file = request.getPart("fileUp");
33
34         // Get name of uploaded file
35         String fileName = file.
    getSubmittedFileName();
36
37         // Create string of path to where you
    want to upload pic.
38         //String uploadPath = "C:\\Pics";
39         String uploadPath = properties.
    getProperty("pictureUploadPath").toString();
40
41         System.out.println(uploadPath);
42
43         // Create a file object for where you
    want to store uploaded picture.
44         File uploadDir = new File(uploadPath);
45
46         // Check if the file (folder) exists at
    specified path.
47         if (!uploadDir.exists()) {
48             // If doesn't exist, create
    directory.
49             uploadDir.mkdir();
50         }
51
52         // Write uploaded file to specified
```

```
52 file path with specified file name.
53         file.write(uploadPath + "\\\" + fileName
54     );
55         request.setAttribute("Message", "File
56     uploaded " + fileName);
57         User user = new User(firstName,
58     lastName);
59         HttpSession mySession = request.
60     getSession(true);
61         mySession.setAttribute("userSession",
62     user);
63         Cookie myCookie = new Cookie("
64     userCookie", user.getFirstName());
65         myCookie.setMaxAge(60 * 60);
66         response.addCookie(myCookie);
67         url = "/page2.jsp";
68     }
69     if (action.equals("page2")) {
70         Cookie[] cookies = request.getCookies(
71     );
72         for(Cookie cookie : cookies) {
73             System.out.println(cookie.getName()
74     + " " + cookie.getValue());
75         }
76         url = "/index.jsp";
77     }
```

```
77
78         getServletContext().getRequestDispatcher(
url).forward(request, response);
79     }
80
81     protected void doGet(HttpServletRequest request,
    HttpServletResponse response) throws
ServletException, IOException {
82         doPost(request, response);
83     }
84 }
85
```

session-cookies-practice [C:\Users\maxma\Desktop\college-pcfd\fall-2019\C

