Example of Cookies in java servlet

Login Example

index.html

```html
<form action="MyServlet1">
 User Name:<input type="text" name="userName"/><br/>
 Password:<input type="password" name="userPassword"/><br/>
 <input type="submit" value="submit"/></form>
```

MyServlet1.java

```java
import java.io.*;import javax.servlet.*;
import javax.servlet.http.*;

public class MyServlet1 extends HttpServlet {
    public void doGet(HttpServletRequest request,
        HttpServletResponse response) {
        try{
            response.setContentType("text/html");
            PrintWriter pwriter = response.getWriter();

            String name = request.getParameter("userName");
            String password = request.getParameter("userPassword");
            pwriter.print("Hello "+name);
            pwriter.print("Your Password is: "+password);

            //Creating two cookies
            Cookie c1=new Cookie("userName",name);
            Cookie c2=new Cookie("userPassword",password);

            //Adding the cookies to response header
            response.addCookie(c1);
            response.addCookie(c2);
            pwriter.print("<br><a href='MyServlet2'>View Details</a>");
            pwriter.close();
    }catch(Exception exp){
        System.out.println(exp);
    }
 }}
```

MyServlet2.java

```java
import java.io.*;import javax.servlet.*;
import javax.servlet.http.*;
public class MyServlet2 extends HttpServlet
{
 public void doGet(HttpServletRequest request,
    HttpServletResponse response){
    try{
       response.setContentType("text/html");
       PrintWriter pwriter = response.getWriter();

       //Reading cookies
       Cookie c[]=request.getCookies();
       //Displaying User name value from cookie
       pwriter.print("Name: "+c[1].getValue());
       //Displaying user password value from cookie
       pwriter.print("Password: "+c[2].getValue());

       pwriter.close();
    }catch(Exception exp){
       System.out.println(exp);
     }
  }}
```

web.xml

```xml
<web-app><display-name>BeginnersBookDemo</display-name>
 <welcome-file-list>
 <welcome-file>index.html</welcome-file>
 </welcome-file-list><servlet>
 <servlet-name>MyServlet1</servlet-name>
 <servlet-class>MyServlet1</servlet-class>
</servlet><servlet-mapping>
 <servlet-name>MyServlet1</servlet-name>
 <url-pattern>MyServlet1</url-pattern></servlet-mapping><servlet>

<servlet-name>MyServlet2</servlet-name>
 <servlet-class>MyServlet2</servlet-class></servlet><servlet-mapping>
 <servlet-name>MyServlet2</servlet-name>
 <url-pattern>MyServlet2</url-pattern></servlet-mapping></web-app>
```

Output:

Welcome Screen:

After clicking Submit:

After clicking View Details: