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cookies ,session web

1 message

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25 March 2021 at 18:02

Script started on Thu 25 Mar 2021 10:44:15 AM IST

```
//Aumrudh lal Kumar TJ
//Ex8 - Cookies and session
<!DOCTYPE html>
<!--
  To change this license header, choose License Headers in Project Properties.
  To change this template file, choose Tools | Templates
  and open the template in the editor.
-->
```

```
<html>
<head>
  <title>TODO supply a title</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
  <form action="http://localhost:8081/cookie/FirstServlet" method="post">
    Applicant No :<input type="text" name="no"/><br/><br/>
    Applicant Name :<input type="text" name="name"/><br/><br/>
    <input type="submit" value="Submit"/>
  </form>
</body>
</html>
```

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.Cookie;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
/**
 *
 * @author EMB-EVEN
 */
public class FirstServlet extends HttpServlet {
/**
 * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
 * methods.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
protected void processRequest(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html;charset=UTF-8");
```

```

try (PrintWriter out = response.getWriter()) {
/* TODO output your page here. You may use following sample code. */
out.println("<!DOCTYPE html>");
out.println("
<html>
");
out.println("
<head>
");
out.println("
<title>Servlet Firstservlet</title>
");
out.println("
</head>
");
out.println("
<body>");
out.println("
</body>
");
out.println("
</html>
");
String ano=request.getParameter("no");
String aname=request.getParameter("name");
//Cookie ck = new Cookie("appno",ano);//creating cookie object
//response.addCookie(ck);
Cookie c1,c2;
Cookie cookies[] = request.getCookies();
int flag=0;
for (int i = 0; i < cookies.length; i++) {
if(cookies[i].getValue().equals(aname)){
flag++;
break;
}
}
if(flag==1) {
out.println("Application No "+ano);
out.println("<br>");
out.println("Application Status :Success! for "+aname);
}
else{
out.println("Application No "+ano);
out.println("No Application Status for "+aname);
c1=new Cookie("appname",aname);
c2=new Cookie("appno",ano);
response.addCookie(c1);
response.addCookie(c2);
}
}
}
//
<editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
processRequest(request, response);
}
}

```

```

    }
    /**
    * Handles the HTTP <code>POST</code> method.
    *
    * @param request servlet request
    * @param response servlet response
    * @throws ServletException if a servlet-specific error occurs
    * @throws IOException if an I/O error occurs
    */
    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        processRequest(request, response);
    }
    /**
    * Returns a short description of the servlet.
    *
    * @return a String containing servlet description
    */
    @Override
    public String getServletInfo() {
        return "Short description";
    }
}
</editor-fold>
}
//2
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html>
<head>
<title>TODO supply a title</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
<form action="http://localhost:8081/session/session" method="post">
    Applicant No : <input type="text" name="ano" ><br><br>
    Applicant Name: <input type="text" name="aname"><br><br>
    <input type="submit" value="submit">
</form>
</body>
</html>
/*
* To change this license header, choose License Headers in Project Properties.
* To change this template file, choose Tools | Templates
* and open the template in the editor.
*/
import java.io.IOException;
import java.io.PrintWriter;
import java.util.ArrayList;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.*;
/**
*
*
* @author EMB-EVEN
*/
public class session extends HttpServlet {
    /**

```

```

* Processes requests for both HTTP <code>GET</code> and <code>POST</code>
* methods.
*
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
protected void processRequest(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        String n=request.getParameter("ano");
        HttpSession session=request.getSession();
        ArrayList previousItems =(ArrayList)session.getAttribute(n) ;
        if(previousItems==null)
        {
            ArrayList x=new ArrayList();
            String nn=request.getParameter("aname");
            x.add(nn);
            session.setAttribute(n,x);
        }
        else
        {
            ArrayList x=previousItems;
            String nn=request.getParameter("aname");
            x.add(nn);
            session.setAttribute(n,x);
        }
        out.print("
<h1>Applicant List </h1>
");
        previousItems =(ArrayList)session.getAttribute(n) ;
        for(int i=0;i<previousItems.size();i++)
        {
            out.print( "
<h3>"+previousItems.get(i)+"</h3>
");
        }
    }
}
//
<editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    processRequest(request, response);
}
/**
 * Handles the HTTP <code>POST</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override

```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    processRequest(request, response);
}
/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
}
//
</editor-fold>
private boolean isNew(HttpSession session) {
    throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools
    | Templates.
}
```

```
[18bit034@mepcolinux web]$exit
exit
```