

Internet Programiranje rešenja Oktobar 2 2012

Zadatak 2.

```
package oktobar2zad2;
import java.io.*;
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) throws IOException
    {
        BufferedReader inputStream = null;
        Scanner sc = new Scanner(System.in);
        try
        {
            String unos, izdat;
            int suma = 0, tiket=0;
            while(true)
            {
                inputStream = new BufferedReader(new FileReader("kladionica.txt"));
                unos = sc.nextLine();
                if(unos.equalsIgnoreCase("kraj")) break;
                while((izdat=inputStream.readLine())!=null)
                {
                    if(unos.equalsIgnoreCase(izdat)) suma++;
                }
                tiket++;
            }
            if(tiket<4) System.out.println("Vaš tiket je nevažeći.");
            else
            {
                if (tiket == suma) System.out.println("Vaš tiket je dobitni.");
                else System.out.println("Vaš tiket nije dobitni.");
                System.out.println("Imate "+suma+"/"+tiket+" pogodaka.");
            }
        }
        finally
        {
            if(inputStream!=null) inputStream.close();
        }
    }
}
```

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Zadatak 3.

index.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <form name="forma" action="Oktobar2_2012zad3">
      <table>
        <tr><td>Unesi korisnicko ime:</td><td><input type="text"
name="ime"></td></tr>
        <tr><td>Unesi lozinku:</td><td><input type="password"
name="loz"></td></tr>
        <tr><td colspan="2"><input type="submit" value="Posalji"></td></tr>
      </table>
    </form>
  </body>
</html>
```

greska.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Greska</title>
  </head>
  <body>
    <h1>Neuspesna prijava na sistem.</h1>
    <a href="index.jsp">Vrati se na pocetnu stranicu</a>
  </body>
</html>
```

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```
pretraga.jsp
```

```
<%@page import="java.util.ArrayList"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Pretraga</title>
  </head>
  <body>
    <%ArrayList knjiga = null;%>
    <h2>Unesite naslov knjige koju trazite</h2>
    <form name="forma" action="Pretraga">
      <input type="text" name="knjiga"></input><br>
      <input type="submit" value="Pretrazi"></input>
    </form>
    <%knjiga=(ArrayList)session.getAttribute("knjiga");%>
    <h3>Podaci o trazenoj knjizi:</h3>
    <%if(knjiga!=null) {%>
    <table border="1">
      <tr><td>Sifra knjige</td><td>Autor</td><td>Naslov</td></tr>
      <tr><%for(int i=0;i<knjiga.size();i++) {%>
      <td><%=knjiga.get(i)%></td><td><%=knjiga.get(i+1)%></td><td><%=knjiga.get(i+2)%></td></tr><%}%>
    </table>
    <br><br>
    <a href="index.jsp">Vrati se na stranicu za prijavu</a>
  </body>
</html>
```

Konekcija.java

```
package ipoktobar;
import java.sql.*;
public class Konekcija
{
    public static Connection konekcija() throws SQLException
    {
        try
        {
```

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```
        Class.forName("com.mysql.jdbc.Driver");
    }
    catch (ClassNotFoundException e)
    {
        System.out.println("Where is your MySQL JDBC Driver?");
    }
    System.out.println("MySQL JDBC Driver Registered!");
    Connection conn = null;
    try
    {
        conn =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/oktobar2_2012ip","root",
        "");
    }
    catch (SQLException e)
    {
        System.out.println("Connection Failed! Check output console");
    }
    finally
    {
    }
    return conn;
}
}
```

Oktobar2_2012zad3.java

```
package ipoktobar;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.sql.*;
import javax.servlet.RequestDispatcher;
import javax.servlet.http.HttpSession;

@WebServlet(name="Oktobar2_2012zad3", urlPatterns={"/Oktobar2_2012zad3"})
```

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```
public class Oktobar2_2012zad3 extends HttpServlet {

    protected void processRequest(HttpServletRequest request, HttpServletResponse
response)
    throws ServletException, IOException, SQLException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        String ime = request.getParameter("ime");
        String lozinka = request.getParameter("loz");
        HttpSession sesija = request.getSession(true);
        sesija.setAttribute("ime", ime);
        sesija.setAttribute("knjiga", null);
        out.println("Trenutno ste ulogovani kao "+ime);
        Connection conn = (Connection)Konekcija.konekcija();
        Statement st = null, st2=null;
        ResultSet rs = null;
        try {
            st = conn.createStatement();
            st2 = conn.createStatement();
            String upit = "select * from student where username='"+ime+"' and
password='"+lozinka+"'";
            rs = st.executeQuery(upit);
            out.println("<br>");
            if(rs==null)
            {
                RequestDispatcher rd = request.getRequestDispatcher("greska.jsp");
                rd.forward(request, response);
            }
            else
            {
                // Ispis prijavljenog korisnika
                /*while(rs.next())
                {
                    out.println(rs.getString(1));
                    out.println(" ");
                    out.println(rs.getString(2));
                    out.println(" ");
                    out.println(rs.getString(3));
                    out.println(" ");
                }*/
            }
        }
```

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```
String upit1="select naslov from knjiga as k,rezervacija as r where "
    +"r.username='"+ime+"' and k.sifraknjige=r.sifraknjige group by naslov";
rs = st2.executeQuery(upit1);
out.println("Trenutno duzite sledece knjige: ");
out.println("<br>");
while(rs.next())
{
    out.println(rs.getString(1));
    out.println("<br>");
}
out.println("<br>");
out.println("<a href=\"pretraga.jsp\">Pretraga knjiga</a>");
}
}
catch(SQLException e) {
    System.out.println("Konekcija nije uspeła!");
    e.printStackTrace();
    return;
}
finally {
    if(rs!=null) rs.close();
    if(st!=null) st.close();
    if(conn!=null) conn.close();
    out.close();
}
}
```

@Override

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    try
    {
        processRequest(request, response);
    }
    catch(SQLException e){}
}
```

@Override

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
```

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```
try
{
    processRequest(request, response);
}
catch(SQLException e){}
}
```

```
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
```

```
}
```

Pretraga.java

```
package ipoktobar;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.sql.*;
import java.util.ArrayList;
import javax.servlet.RequestDispatcher;
import javax.servlet.http.HttpSession;
```

```
@WebServlet(name = "Pretraga", urlPatterns = {"/Pretraga"})
public class Pretraga extends HttpServlet {
```

```
    protected void processRequest(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException, SQLException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        String knjiga = request.getParameter("knjiga");
        Connection conn = (Connection)Konekcija.konekcija();
        Statement st = null;
```

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```
ResultSet rs = null;
HttpSession sesija = request.getSession(true);
ArrayList knjige = new ArrayList();
try {
    st = conn.createStatement();
    String upit = "select * from knjiga where naslov='"+knjiga+"'";
    rs = st.executeQuery(upit);
    while(rs.next())
    {
        knjige.add(rs.getString(1));
        knjige.add(rs.getString(2));
        knjige.add(rs.getString(3));
    }
    sesija.setAttribute("knjiga", knjige);
    RequestDispatcher rd = request.getRequestDispatcher("pretraga.jsp");
    rd.forward(request, response);
    out.println(upit);
    out.println("<br>");
}
catch(SQLException e) {
    System.out.println("Konekcija nije uspela!");
    e.printStackTrace();
    return;
}
finally {
    if(rs!=null) rs.close();
    if(st!=null) st.close();
    if(conn!=null) conn.close();
    out.close();
}
}
```

@Override

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    try
    {
        processRequest(request, response);
    }
    catch(SQLException e){}
```

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```
}
```

```
@Override
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    try
    {
        processRequest(request, response);
    }
    catch(SQLException e){}
}
```

```
@Override
```

```
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
}
```