**Application Codes**

**AboutUs.java**

/\*

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\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class AboutUs 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 {

PrintWriter out = response.getWriter();

try {

/\*

\* TODO output your page here. You may use following sample code.

\*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px;}\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId") == null)

session.setAttribute("UserId", 0);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(request.getParameter("pass")))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='AboutUs'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>About Us:</h2>\n");

out.println("<p align=\"center\"><img src=\"http://i.hizliresim.com/5dmWJ5.jpg\" width=\"45%\" ><br><br></p>");

out.println("<p>&nbsp&nbsp&nbsp<b>\"M\"</b> Mert Ozsaydi: mertozsaydi@mega.com</p>");

out.println("<p>&nbsp&nbsp&nbsp<b>\"E\"</b> Efe Mert Yilmaz: efemertyilmaz@mega.com</p>");

out.println("<p>&nbsp&nbsp&nbsp<b>\"G\"</b> Gulce Basar: gulcebasar@mega.com</p>");

out.println("<p>&nbsp&nbsp&nbsp<b>\"A\"</b> Alper Ozaydin: alperozaydin@mega.com</p>");

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**ArmBand.java**

/\*

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\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class ArmBand 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(ArmBand.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='ArmBand'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Arm Bands:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 9;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(ArmBand.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**Battery.java**

/\*

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\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class Battery 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='Home'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Battery:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 1;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**BuyProduct.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class BuyProduct 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Buy products:</h2>\n");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT \* FROM Users JOIN City ON Users.cityid=City.id" +

" WHERE Users.id = " + session.getAttribute("UserId");

rs = stat.executeQuery(sql);

rs.first();

out.println("<p> User Info: </p>" +

"<p> Name: " + rs.getString("NAMEOF") + "</p>" +

"<p> Surname: " + rs.getString("SURNAME") + "</p>" +

"<p> City: " + rs.getString("CITY") + "</p>" +

"<p> Address: " + rs.getString("ADDRESS") + "</p>");

rs.close();

stat.close();

con.close();

out.println("<form method='POST' action=\"http://localhost:8080/WebApplication2/BuyResult\">" +

"Name:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp <input name='cardname' type='text' size=30>" +

"&nbsp Surname: <input name='cardsurmane' type='text' size=30>" +

"<br>Card Number: <input name='cardnum' type='text' size=30>" +

"&nbsp Cvc2:&nbsp&nbsp&nbsp&nbsp&nbsp <input name='cvc2' type='text' size=30>" +

"<br>Exp Date (mm/yy): <input name='expd' type='text' size=30>" +

"<br><input type='submit' value='Buy'>" +

"</form>");

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**BuyResult.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.sql.Statement;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.ArrayList;

import java.util.Date;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class BuyResult 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Buy product:</h2>\n");

ArrayList<String> CartProducts = new ArrayList<String>();

if(request.getParameter("cardnum")!=null && request.getParameter("cardnum").length()==16 && request.getParameter("cvc2")!=null && request.getParameter("cvc2").length()==3)

{

out.println("<p> Buy Succesfull: </p>");

session.setAttribute("cartNum",0);

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

CartProducts = (ArrayList<String>)session.getAttribute("productIDs");

for (String pid : CartProducts) {

String sql= "SELECT stock FROM Info" +

" WHERE pid = " + pid;

rs = stat.executeQuery(sql);

rs.first();

do{

rs.updateInt("STOCK", rs.getInt("STOCK")-1);

rs.updateRow();

}while(rs.next());

rs.close();

}

rs = stat.executeQuery("SELECT \* FROM Orders");

rs.first();

int orderid;

rs.last();

try{

orderid=rs.getInt("ID")+1;

}

catch(Exception e)

{

orderid=1;

}

rs.close();

DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd HH:mm:ss");

Date date = new Date();

String str1 = date.toString();

for (String pid : CartProducts) {

rs = stat.executeQuery("SELECT \* FROM Orders");

rs.moveToInsertRow();

rs.updateInt("ID", orderid);

rs.updateInt("USERID", Integer.parseInt(session.getAttribute("UserId").toString()));

rs.updateInt("PID", Integer.parseInt(pid));

rs.updateString("ODATE", str1);

rs.insertRow();

rs.close();

}

out.println("<p> --------------- </p>" +

"<p>Order number: " + orderid + "</p>" +

"<p> Date: " +str1 + "</p>");

stat.close();

con.close();

} catch (SQLException ex) {

Logger.getLogger(BuyResult.class.getName()).log(Level.SEVERE, null, ex);

}

}

else

out.println("<h2>Wrong Card Number!</h2>\n");

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**CarAcc.java**

/\*

\* 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.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class CarAcc 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(CarAcc.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='CarAcc'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Car Accesories:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 5;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(CarAcc.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**Cart.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class Cart 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

ArrayList<String> CartProducts = new ArrayList<String>();

if(session.getAttribute("productIDs")!=null)

CartProducts = (ArrayList<String>)session.getAttribute("productIDs");

String id = request.getParameter("id");

if(!id.equals("0"))

{

if(!CartProducts.contains(id))

{

CartProducts.add(id);

session.setAttribute("productIDs", CartProducts);

int cartnum = Integer.parseInt(session.getAttribute("cartNum").toString())+1;

session.setAttribute("cartNum",cartnum);

}

}

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Cart:</h2>\n");

if(!session.getAttribute("cartNum").toString().equals("0"))

{

double totalPrice = 0;

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql;

for (String pid : CartProducts) {

sql= "SELECT price, nameof FROM Product " +

" WHERE id = " + pid;

rs = stat.executeQuery(sql);

rs.first();

out.println("<p>" + rs.getString("NAMEOF") + " - $" + rs.getDouble("PRICE") + "</p>");

totalPrice += rs.getDouble("PRICE");

rs.close();

}

out.println("<p><strong>Total Price: $" + totalPrice + "</strong></p>");

out.println("<form>" +

"<input type=\"button\" value=\"Buy Products\" Onclick=\"window.location.href='http://localhost:8080/WebApplication2/BuyProduct'\" >" +

"</form>" );

} catch (SQLException ex) {

Logger.getLogger(Cart.class.getName()).log(Level.SEVERE, null, ex);

}

}

else

out.println("<p > The Cart Is Empty </p>");

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**CCCable.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class CCCable 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(CCCable.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='CCCable'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Charging - Connection Cables:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 3;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(CCCable.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**Edit.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.List;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class Edit 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");

PrintWriter out = response.getWriter();

try {

/\*

\* TODO output your page here. You may use following sample code.

\*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px;}\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>User: "+ session.getAttribute("UserName") + "</h2>\n");

if(request.getParameter("oldpass")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

String sql= "SELECT \* FROM Users" +

" WHERE id = " + session.getAttribute("UserId");

rs1 = stat1.executeQuery(sql);

rs1.first();

if(request.getParameter("oldpass").hashCode() == Integer.parseInt(rs1.getString("PASSWORD")))

{

rs1.close();

rs1 = stat1.executeQuery("SELECT id FROM City WHERE city = '" + request.getParameter("city") + "'");

rs1.first();

int cityid=rs1.getInt("ID");

rs1.close();

sql= "SELECT \* FROM Users " +

" WHERE Users.id = " + session.getAttribute("UserId");

rs1 = stat1.executeQuery(sql);

rs1.first();

rs1.updateString("PASSWORD", Integer.toString(request.getParameter("pass").hashCode()));

rs1.updateString("NAMEOF", request.getParameter("name"));

rs1.updateString("SURNAME", request.getParameter("surname"));

rs1.updateString("ADDRESS", request.getParameter("address"));

rs1.updateInt("CITYID", cityid);

rs1.updateRow();

rs1.close();

out.println("<p> Changes Saved </p>");

}

else

{

rs1.close();

out.println("<p> Wrong Password! </p>");

}

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Edit.class.getName()).log(Level.SEVERE, null, ex);

}

}

else{

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT city FROM Users " +

" JOIN City ON City.id=Users.cityid" +

" WHERE Users.id = " + session.getAttribute("UserId");

rs = stat.executeQuery(sql);

List<String> list = new ArrayList<>();

rs.first();

list.add(rs.getString("CITY"));

rs.close();

rs = stat.executeQuery("SELECT city FROM City");

rs.first();

do{

list.add(rs.getString("CITY"));

}while(rs.next());

rs.close();

sql= "SELECT nameof, surname, city, address, mail FROM Users " +

" JOIN City ON City.id=Users.cityid" +

" WHERE Users.id = " + session.getAttribute("UserId");

rs = stat.executeQuery(sql);

rs.first();

out.println("<p>E-mail: " + rs.getString("MAIL") + "</p>");

out.println("<form method='POST' action='Edit'>" +

"Old Password: &nbsp&nbsp<input name='oldpass' type='password'><br>" +

"New Password: <input name='pass' type='password'><br>" +

"Name:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp <input name='name' type='text' value='" + rs.getString("NAMEOF") + "'><br>" +

"Surname:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp <input name='surname' type='text' value='" + rs.getString("SURNAME") + "'><br>" +

"Address:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp <input name='address' type='text' value='" + rs.getString("ADDRESS") + "'><br>" +

"City:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<select name='city'>" );

for(String city : list)

{

out.println("<option \"value=\"" + city + "\">" + city + "</option>");

}

out.println("</select><br>" +

"<input type='submit' value='Save'></form>");

rs.close();

stat.close();

con.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

}

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**Headphone.java**

/\*

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\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class Headphone 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='Headphone'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>HeadPhones:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 4;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**Home.java**

package servlets;

/\*

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\* and open the template in the editor.

\*/

import java.sql.Statement;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

@WebServlet(urlPatterns = {"/Home"})

public class Home 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");

PrintWriter out = response.getWriter();

try {

/\*

\* TODO output your page here. You may use following sample code.

\*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px;}\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId") == null)

session.setAttribute("UserId", 0);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='Home'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Home:</h2>\n");

out.println("<form method='POST' action='Home'>" +

"Search: <input name='keyword' type='text'>" +

"<input type='submit' value='Search'></form>");

try {

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

rs = stat.executeQuery("SELECT id, nameof, price, photo FROM Product");

rs.first();

do{

if(request.getParameter("keyword")!=null)

{

if(rs.getString("NAMEOF").toLowerCase().indexOf(request.getParameter("keyword").toLowerCase()) != -1)

{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("ID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}

}

else

{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("ID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}

}while(rs.next());

out.println("</table>" );

rs.close();

stat.close();

con.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**PhoneCover.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class PhoneCover 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='PhoneCover'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Phone Covers:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 2;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**PhoneStand.java**

/\*

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\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class PhoneStand 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='PhoneStand'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Phone Stands:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 7;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**PortSpeaker.java**

/\*

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\* and open the template in the editor.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class PortSpeaker 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='PortSpeaker'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Portable Speakers:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 8;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**ProductInfo.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package servlets;

import java.sql.Statement;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class ProductInfo 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

String pid = request.getParameter("id");

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='ProductInfo?id=" + pid + "'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Product Info:</h2>\n");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT \* FROM Product JOIN Typeof ON Product.typeid=Typeof.id" +

" JOIN Manuf ON Product.manufid=Manuf.id" +

" JOIN Info ON Product.id=Info.pid" +

" JOIN Color ON Info.colorid=Color.id" +

" JOIN Category ON Info.catid=Category.id" +

" WHERE Product.id = " + pid;

rs = stat.executeQuery(sql);

rs.first();

out.println("<p><img src=\"" + rs.getString("PHOTO") + "\" width=200 height=200></p>" +

"<p>" + rs.getString("NAMEOF") + "</p>" +

"<p>" + "$" + rs.getDouble("PRICE") + "</p>" +

"<p> -------------------- </p>" +

"<p>" + "Information about the product:" + "</p>" +

"<p>" + "For Type: " + rs.getString("TYPEOF") + "</p>" +

"<p>" + "Category: " + rs.getString("CATEGORY") + "</p>" +

"<p>" + "Manufacturer: " + rs.getString("MANUF") + "</p>");

if(rs.getString("Color") != null)

out.println("<p>" + "Color: " + rs.getString("Color") + "</p>");

if(rs.getString("SIZEOF") != null)

{

if(rs.getInt("CATID")==1)

out.println("<p>" + "Capacity: " + rs.getString("SIZEOF") + "</p>");

else if(rs.getInt("CATID")==3 || rs.getInt("CATID")==4)

out.println("<p>" + "Length: " + rs.getString("SIZEOF") + "</p>");

else

out.println("<p>" + "Size: " + rs.getString("SIZEOF") + "</p>");

}

boolean inStock = false;

if(rs.getInt("STOCK")>0)

{

out.println("<p>" + "Stock: " + rs.getInt("STOCK") + "</p>");

inStock=true;

}

else

out.println("<p>" + "Stock: Out Of Stock!</p>");

if(rs.getString("SPECK") != null)

out.println("<p>" + "Spec: " + rs.getString("SPECK") + "</p>");

rs.close();

stat.close();

con.close();

if(inStock && !session.getAttribute("UserId").equals(0))

{

out.println("<form>" +

"<input type=\"button\" value=\"Add to Cart\" Onclick=\"window.location.href='http://localhost:8080/WebApplication2/Cart?id=" + pid + "'\" >" +

"</form>" );

}

else if(inStock)

{

out.println("<p><b> You need to sign in to buy this product! </b></p>");

}

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**ScreenProt.java**

/\*

\* 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.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class ScreenProt 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");

PrintWriter out = response.getWriter();

try {

/\* TODO output your page here. You may use following sample code. \*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px; text-align: left; }\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='ScreenProt'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input onclick='userFunc()' type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Screen Protectors:</h2>\n");

out.println("<table id=\"t01\" border=\"1\">" +

" <col width=\"10%\">" +

" <col width=\"55%\">" +

" <col width=\"33%\">" +

" <tr>" +

" <th>Photo</th> <th>Name</th> <th>Price</th>" +

" </tr>");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT nameof, price, pid, photo FROM Info JOIN Product ON Product.id=Info.pid" +

" WHERE catid = " + 6;

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<tr>" +

"<td align=\"center\"><img src=\"" + rs.getString("PHOTO") + "\" width=\"60\" height=\"60\"></td>" +

"<td><a href='ProductInfo?id=" + rs.getInt("PID") + "'>" + rs.getString("NAMEOF") + "</a></td>" +

"<td>" + "$" + rs.getDouble("PRICE") + "</td>" +

"</tr>");

}while(rs.next());

rs.close();

stat.close();

con.close();

out.println("</table>" );

}

catch (SQLException ex)

{

Logger.getLogger(Battery.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("<p align=\"center\">© MEGA.com Mert, Efe, Gulce, Alper All Rights Reserved</p>");

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**SignUp.java**

/\*

\* 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.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.List;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class SignUp 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");

PrintWriter out = response.getWriter();

try {

/\*

\* TODO output your page here. You may use following sample code.

\*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px;}\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(session.getAttribute("UserId") == null)

session.setAttribute("UserId", 0);

if(session.getAttribute("UserId").equals(0) && request.getParameter("uname")!=null)

{

try {

Connection con1 = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat1 = con1.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs1;

rs1 = stat1.executeQuery("SELECT id, mail, password, nameof, surname FROM Users");

rs1.first();

do{

if(rs1.getString("MAIL").equals(request.getParameter("uname")) && rs1.getString("PASSWORD").equals(Integer.toString(request.getParameter("pass").hashCode())))

{

session.setAttribute("UserName", rs1.getString("NAMEOF") + " " + rs1.getString("SURNAME"));

session.setAttribute("UserId", rs1.getInt("ID"));

session.setAttribute("cartNum",0);

break;

}

}while(rs1.next());

rs1.close();

stat1.close();

con1.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='Home'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>Sign Up: </h2>\n");

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

List<String> list = new ArrayList<>();

rs = stat.executeQuery("SELECT city FROM City");

rs.first();

do{

list.add(rs.getString("CITY"));

}while(rs.next());

rs.close();

if(request.getParameter("mail")==null)

{

out.println("<form method='POST' action='SignUp'>" +

"E-mail:&nbsp&nbsp&nbsp&nbsp&nbsp <input name='mail' type='text'><br>" +

"Password: <input name='pass' type='password'><br>" +

"Name:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp <input name='name' type='text'><br>" +

"Surname:&nbsp <input name='surname' type='text'><br>" +

"Address:&nbsp&nbsp <input name='address' type='text'><br>" +

"City:&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<select name='city'>" );

for(String city : list)

{

out.println("<option \"value=\"" + city + "\">" + city + "</option>");

}

out.println("</select><br>" +

"<input type='submit' value='Sign Up'></form>");

}

else if(!request.getParameter("mail").contains("@"))

{

out.println("<p> Invalid email! </p>");

}

else

{

rs = stat.executeQuery("SELECT id FROM Users");

rs.last();

int id = rs.getInt("ID")+1;

rs.close();

rs = stat.executeQuery("SELECT id FROM City WHERE city = '" + request.getParameter("city") + "'");

rs.first();

int cityid=rs.getInt("ID");

rs.close();

rs = stat.executeQuery("SELECT \* FROM Users");

rs.moveToInsertRow();

rs.updateInt("ID", id);

rs.updateString("MAIL", request.getParameter("mail"));

rs.updateString("PASSWORD", Integer.toString(request.getParameter("pass").hashCode()));

rs.updateString("NAMEOF", request.getParameter("name"));

rs.updateString("SURNAME", request.getParameter("surname"));

rs.updateString("ADDRESS", request.getParameter("address"));

rs.updateInt("CITYID", cityid);

rs.insertRow();

rs.close();

out.println("<p> Sign Up Succesfull! </p>");

}

rs.close();

stat.close();

con.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}

**User.java**

/\*

\* 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.

\*/

package servlets;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.ArrayList;

import java.util.List;

import java.util.logging.Level;

import java.util.logging.Logger;

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 javax.servlet.http.HttpSession;

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

public class User 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");

PrintWriter out = response.getWriter();

try {

/\*

\* TODO output your page here. You may use following sample code.

\*/

out.println("<style type=\"text/css\">\n" +

" body { font-size: 85%; font-family: 'Segoe Print', Segoe Print; color:#005200; }\n" +

" ul#tabs { list-style-type: none; margin: 30px 0 0 0; padding: 0 0 0.3em 0; }\n" +

" ul#tabs li { display: inline; }\n" +

" ul#tabs li a { color: #005200; border: 1px solid #0489B1; border-bottom: none; padding: 0.3em; text-decoration: none; }\n" +

" ul#tabs li a:hover { background-color: #FAFAFA; }\n" +

" div.tabContent { border: 1px solid #0489B1; padding: 0.5em; background-color: #EFF8FB; }\n" +

" div.tabContent.hide { display: none; }\n" +

" .frm1 { text-align: right; }\n" +

" .bck1 { background-color: #EFF8FB; }\n" +

" a:link, a:visited { color:#005200; text-decoration: none; }" +

" table { width:100%; }\n" +

" table, th, td { border: 1px solid black; border-collapse: collapse; }\n" +

" th, td { padding: 5px;}\n" +

" table#t01 tr:nth-child(even) { background-color: #eee; }\n" +

" table#t01 tr:nth-child(odd) { background-color:#fff; }\n" +

" table#t01 th { background-color: #0489B1; color: white; }"+

" </style>\n" +

" </head>\n" +

" <body >\n" +

" <div style=\"text-align:center;font-size:100%;border-radius:20px;border:15px solid #0489B1; background-color:#EFF8FB\">\n" +

" <h1>\n" +

" <b>MEGA.com</b>\n" +

" </h1>\n" +

" </div>");

HttpSession session = request.getSession(true);

if(request.getParameter("signout")!=null)

{

session.setAttribute("UserName", "Signed Out");

session.setAttribute("UserId", 0);

session.setAttribute("cartNum",0);

session.setAttribute("productIDs",null);

}

if(request.getParameter("delete")!=null)

{

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

String sql= "SELECT \* FROM Users " +

" WHERE Users.id = " + session.getAttribute("UserId");

rs = stat.executeQuery(sql);

rs.first();

if(rs.getString("PASSWORD").equals(Integer.toString(request.getParameter("delete").hashCode())))

{

rs.deleteRow();

session.setAttribute("UserName", "User Deleted");

session.setAttribute("UserId", 0);

}

else

session.setAttribute("UserName", "Wrong Password");

rs.close();

stat.close();

con.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

}

if(session.getAttribute("UserId").equals(0))

{

out.println("<form class=frm1 method='POST' action='Home'>" +

"E-mail: <input name='uname' type='text'>" +

"&nbspPassword: <input name='pass' type='password'>" +

"<input type='submit' value='Sign In'></form>");

}

else

{

out.println("<p class=frm1 ><a class=frm1 href=\"http://localhost:8080/WebApplication2/Cart?id=0\"><b>Cart(" + session.getAttribute("cartNum") + ")</b></a>&nbsp&nbsp Signed in as: <b><a class=frm1 href=\"http://localhost:8080/WebApplication2/User\"> " + session.getAttribute("UserName") + "</b></a></p>");

}

out.println(" <ul id=\"tabs\">\n" +

" <li><a class=\"bck1\" href=\"/WebApplication2/Home\">Home</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Battery\">Battery</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneCover\">Phone Covers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CCCable\">Charging-Connection Cables</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/Headphone\">Headphones</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/CarAcc\">Car Accesories</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ScreenProt\">Screen Protectors</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PhoneStand\">Phone Stands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/PortSpeaker\">Portable Speakers</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/ArmBand\">Armbands</a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/SignUp\"><b>Sign Up</b></a></li>\n" +

" <li><a class=\"bck1\" href=\"http://localhost:8080/WebApplication2/AboutUs\">About Us</a></li>\n" +

" </ul>\n");

out.println("<div class=\"tabContent\" >\n" +

" <h2>User: "+ session.getAttribute("UserName") + "</h2>\n");

if(request.getParameter("deleteuser")!=null && request.getParameter("delete")==null )

{

out.println("<p> Enter password to delete user! </p>");

out.println("<form method='POST' action='User'>" +

"<input name='delete' type='password'>" +

"<input type='submit' value=' Delete '></form>");

}

else if(!session.getAttribute("UserName").toString().equals("Signed Out"))

{

try {

Connection con = DriverManager.getConnection( "jdbc:derby://localhost:1527/webdatabaseproje", "proje", "proje" );

Statement stat = con.createStatement( ResultSet.TYPE\_SCROLL\_SENSITIVE, ResultSet.CONCUR\_UPDATABLE);

ResultSet rs;

List<String> list = new ArrayList<>();

rs = stat.executeQuery("SELECT city FROM City");

rs.first();

do{

list.add(rs.getString("CITY"));

}while(rs.next());

rs.close();

String sql= "SELECT nameof, surname, city, address FROM Users " +

" JOIN City ON City.id=Users.cityid" +

" WHERE Users.id = " + session.getAttribute("UserId");

rs = stat.executeQuery(sql);

rs.first();

out.println("<p> User Info: </p>" +

"<p> Name: " + rs.getString("NAMEOF") + "</p>" +

"<p> Surname: " + rs.getString("SURNAME") + "</p>" +

"<p> City: " + rs.getString("CITY") + "</p>" +

"<p> Address: " + rs.getString("ADDRESS") + "</p>");

rs.close();

out.println("<form method='POST' action='Edit'>" +

"<input type='submit' value=' Edit '></form>");

out.println("<form method='POST' action='User'>" +

"<input name='signout' type='hidden'>" +

"<input type='submit' value=' Sign Out '></form>");

out.println("<form method='POST' action='User'>" +

"<input name='deleteuser' type='hidden'>" +

"<input type='submit' value=' Delete User '></form>");

try

{

out.println("<p> Orders: </p>" );

sql= "SELECT Orders.id AS ordid, nameof,odate FROM Orders JOIN Product ON Orders.pid=Product.id" +

" WHERE Orders.userid = " + session.getAttribute("UserId");

rs = stat.executeQuery(sql);

rs.first();

do{

out.println("<p>" + rs.getInt("ordid") + ": " + rs.getString("NAMEOF") + ":&nbsp&nbsp" + rs.getString("ODATE")+"</p>" );

}while(rs.next());

}

catch(Exception ex){ }

rs.close();

stat.close();

con.close();

} catch (SQLException ex) {

Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);

}

}

out.println("</div>\n" +

" </body>\n" +

" </html>");

} finally {

out.close();

}

}

// <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>

}