

~\Documents\NetBeansProjects\rentalgo\src\main\java\com\mydemo\mycart\servlet\reservation.java

```
1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/JSP_Servlet/Servlet.java to edit this template
4  */
5  package com.mydemo.mycart.servlet;
6
7
8  import java.io.IOException;
9  import java.io.PrintWriter;
10 import java.io.UnsupportedEncodingException;
11 import java.util.Properties;
12 import javax.mail.*;
13 import javax.mail.internet.*;
14
15 import java.sql.*;
16
17 import javax.servlet.RequestDispatcher;
18 import javax.servlet.ServletException;
19 import javax.servlet.http.HttpServlet;
20 import javax.servlet.http.HttpServletRequest;
21 import javax.servlet.http.HttpServletResponse;
22
23
24 /**
25 *
26 * @author HYPER
27 */
28 public class reservation extends HttpServlet {
29
30     /**
31     * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
32     * methods.
33     *
34     * @param request servlet request
35     * @param response servlet response
36     * @throws ServletException if a servlet-specific error occurs
37     * @throws IOException if an I/O error occurs
38     */
39     protected void processRequest(HttpServletRequest request, HttpServletResponse response)
40         throws ServletException, IOException {
41         response.setContentType("text/html;charset=UTF-8");
42         try (PrintWriter out = response.getWriter()) {
43             /* TODO output your page here. You may use following sample code. */
44             out.println("<!DOCTYPE html>");
45             out.println("<html>");
46             out.println("<head>");
47             out.println("<title>Servlet reservation</title>");
48             out.println("</head>");
49             out.println("<body>");
50             out.println("<h1>Servlet reservation at " + request.getContextPath() + "</h1>");
51             out.println("</body>");
52             out.println("</html>");
53         }
54     }
55
56     // <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
57     /**
58     * Handles the HTTP <code>GET</code> method.
59     *
60     * @param request servlet request
61     * @param response servlet response
62     * @throws ServletException if a servlet-specific error occurs
63     * @throws IOException if an I/O error occurs
64     */
65     @Override
66     protected void doGet(HttpServletRequest request, HttpServletResponse response)
67         throws ServletException, IOException {
68         processRequest(request, response);
69     }
70
71     /**
72     * Handles the HTTP <code>POST</code> method.
73     *
74     * @param request servlet request
75     * @param response servlet response
76     * @throws ServletException if a servlet-specific error occurs
77     * @throws IOException if an I/O error occurs
78     */
79 }
```

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78     */
79     @Override
80     protected void doPost(HttpServletRequest request, HttpServletResponse response)
81         throws ServletException, IOException {
82         String pickuplocation = request.getParameter("pickuplocation");
83         String pickupdate = request.getParameter("pickupdate");
84         String pickuptime = request.getParameter("pickuptime");
85         String droplocation = request.getParameter("droplocation");
86         String dropdate = request.getParameter("dropdate");
87         String droptime = request.getParameter("droptime");
88         String gender = request.getParameter("gender");
89         String dob = request.getParameter("dob");
90         String age = request.getParameter("age");
91         String address = request.getParameter("address");
92         String zip = request.getParameter("zip");
93         String carname = request.getParameter("carname");
94         String carprice = request.getParameter("carprice");
95         String noofdays = request.getParameter("noofdays");
96         String insuranceplancharge = request.getParameter("insuranceplancharge");
97         String shippingcharge = request.getParameter("shippingcharge");
98         String gst = request.getParameter("gst");
99         String discount = request.getParameter("discount");
100        String ordertotal = request.getParameter("ordertotal");
101        String name = request.getParameter("name");
102        String email = request.getParameter("email");
103
104
105        RequestDispatcher dispatch = null;
106        Connection conn = null;
107        PreparedStatement stmt = null;
108        try {
109            Class.forName("com.mysql.jdbc.Driver");
110            conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/carrent", "hyper", "hyper");
111
112            String sql = "INSERT INTO orders(pickuplocation, pickupdate, pickuptime, droplocation, dropdate, droptime, gender,
dob, age, address, zipcode, car_name, car_price, noofdays, insurance_charge, shipping_charge, gst, discount, order_total,
name, email) " +
113                "VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)";
114            stmt = conn.prepareStatement(sql);
115
116            stmt.setString(1, pickuplocation);
117            stmt.setString(2, pickupdate);
118            stmt.setString(3, pickuptime);
119            stmt.setString(4, droplocation);
120            stmt.setString(5, dropdate);
121            stmt.setString(6, droptime);
122            stmt.setString(7, gender);
123            stmt.setString(8, dob);
124            stmt.setString(9, age);
125            stmt.setString(10, address);
126            stmt.setString(11, zip);
127            stmt.setString(12, carname);
128            stmt.setString(13, carprice);
129            stmt.setString(14, noofdays);
130            stmt.setString(15, insuranceplancharge);
131            stmt.setString(16, shippingcharge);
132            stmt.setString(17, gst);
133            stmt.setString(18, discount);
134            stmt.setString(19, ordertotal);
135            stmt.setString(20, name);
136            stmt.setString(21, email);
137
138
139
140
141            int rowcount = stmt.executeUpdate();
142            if (rowcount > 0) {
143                request.setAttribute("status", "success");
144            } else {
145                request.setAttribute("status", "failed");
146            }
147            RequestDispatcher dispatcher = request.getRequestDispatcher("conf_page.jsp");
148            dispatcher.forward(request, response);
149
150        } catch (ClassNotFoundException | SQLException e) {
151            e.printStackTrace();
152
153            System.out.println(e);
154            request.setAttribute("status", "failed");
155
156            dispatch = request.getRequestDispatcher("fail.jsp");
157        } finally {

```

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158     try {
159         if (stmt != null) {
160             stmt.close();
161         }
162         if (conn != null) {
163             conn.close();
164         }
165     } catch (SQLException e) {
166         e.printStackTrace();
167     }
168 }
169
170 String myname = name;
171 // Recipient's email ID needs to be mentioned.
172 String to = email;
173
174 // Sender's email ID needs to be mentioned
175 String fromEmail = "tarunshah645@gmail.com";
176 String fromName = "Rentalgo.com";
177 // Assuming you are sending email from localhost
178 String host = "smtp.gmail.com";
179
180 // Get system properties object
181 Properties properties = System.getProperties();
182
183 // Setup mail server
184 properties.setProperty("mail.smtp.host", host);
185
186 // Setup password authentication
187 properties.put("mail.smtp.auth", "true");
188 properties.put("mail.smtp.port", "587");
189 properties.put("mail.smtp.starttls.enable", "true");
190 properties.put("mail.smtp.ssl.trust", "smtp.gmail.com");
191
192 // Get the Session object
193 Session session = Session.getInstance(properties, new Authenticator() {
194     protected PasswordAuthentication getPasswordAuthentication() {
195         return new PasswordAuthentication("tarunshah645@gmail.com", "fiyiispgmyoapojm");
196     }
197 });
198
199 try {
200     // Create a default MimeMessage object
201     MimeMessage message = new MimeMessage(session);
202
203     // Set From: header field of the header
204     message.setFrom(new InternetAddress(fromEmail, fromName));
205
206     // Set To: header field of the header
207     message.addRecipient(Message.RecipientType.TO, new InternetAddress(to));
208
209     // Set Subject: header field
210     message.setSubject("This is the subject");
211     String htmlContent = "HTML CONTENT";
212     // Set HTML content
213     message.setContent(htmlContent, "text/html");
214
215     // Send message
216     Transport.send(message);
217
218     System.out.println("Sent message successfully...");
219
220 } catch (AddressException e) {
221 } catch (MessagingException e) {
222 }
223
224 }
225
226 // mail send code
227 /**
228  * Returns a short description of the servlet.
229  *
230  * @return a String containing servlet description
231  */
232 @Override
233 public String getServletInfo() {
234     return "Short description";
235 } // </editor-fold>
236
237 }
238

```

