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1  <%@ page language="java" contentType="text/html; charset=ISO-8859-1" pageEncoding="ISO-8859-1" %>
2  <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
3  <html>
4  <head>
5      <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
6      <title>User Data</title>
7  </head>
8  <style>
9      div.ex {
10         text-align: right;
11         width: 300px;
12         padding: 10px;
13         border: 5px solid grey;
14         margin: 0px
15     }
16 </style>
17 <body>
18 <h1>Registration Form</h1>
19 <div class="ex">
20     <form action="RegistrationController" method="post">
21         <table style="width: 50%">
22             <tr>
23                 <td>Full Name</td>
24                 <td><input type="text" name="fullname"/></td>
25             </tr>
26             <tr>
27                 <td>Number</td>
28                 <td><input type="text" name="number"/></td>
29             </tr>
30             <tr>
31                 <td>Email</td>
32                 <td><input type="email" name="email"/></td>
33             </tr>
34             <tr>
35                 <td>Gender</td>
36                 <td><input type="text" name="gender"/></td>
37             </tr>
38             <tr>
39                 <td>Address</td>
40                 <td><input type="text" name="address"/></td>
41             </tr>
42             <tr>
43                 <td>Fees</td>
44                 <td><input type="text" name="fees"/></td>
45             </tr>
46             <tr>
47                 <td>Preferable Time</td>
48                 <td><input type="text" name="preferable"/></td>
49             </tr>
50             <tr>
51                 <td><input type="submit" value="register"/>
52             </tr>
53         </table>
54     </form>
55     <br>
56     create a student table in test database before registering this form
57     <br> Syntax : <br>
58     <i>create table student(name varchar(100), number varchar(100), email varchar(100), gender varchar(100
59 ),
60     address varchar(100), fees varchar(100), preferable varchar(100));</i>
61 </div>
62 </body>
63 </html>
64
65 import java.io.IOException;

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66 import java.io.PrintWriter;
67 import java.sql.Connection;
68 import java.sql.DriverManager;
69 import java.sql.PreparedStatement;
70 import java.sql.SQLException;
71
72 import javax.servlet.RequestDispatcher;
73 import javax.servlet.ServletException;
74 import javax.servlet.annotation.WebServlet;
75 import javax.servlet.http.HttpServlet;
76 import javax.servlet.http.HttpServletRequest;
77 import javax.servlet.http.HttpServletResponse;
78
79
80 @WebServlet("/RegistrationController")
81 public class RegistrationController extends HttpServlet {
82
83     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException
84     , IOException {
85         response.setContentType("text/html");
86         PrintWriter out = response.getWriter();
87         String name = request.getParameter("fullname");
88         String number = request.getParameter("number");
89         String email = request.getParameter("email");
90         String gender = request.getParameter("gender");
91         String address = request.getParameter("address");
92         String fees = request.getParameter("fees");
93         String preferable = request.getParameter("preferable");
94
95
96         if (name.isEmpty() || addr.isEmpty() || age.isEmpty() || qual.isEmpty() || percent.isEmpty() ||
97 year.isEmpty()) {
98             RequestDispatcher rd = request.getRequestDispatcher("registration.jsp");
99             out.println("<font color=red>Please fill all the fields</font>");
100             rd.include(request, response);
101         } else {
102             try {
103                 Class.forName("org.mariadb.jdbc.Driver");
104
105
106                 Connection con = DriverManager.getConnection("jdbc:mariadb://localhost:3306/test", "root",
107 "root");
108
109                 String query = "insert into student values(?,?,?,?,?,?,?,?)";
110
111                 PreparedStatement ps = con.prepareStatement(query);
112
113                 ps.setString(1, name);
114                 ps.setString(2, number);
115                 ps.setString(3, email);
116                 ps.setString(4, gender);
117                 ps.setString(6, address);
118                 ps.setString(7, fees);
119                 ps.setString(8, preferable);
120
121                 ps.executeUpdate();
122                 System.out.println("successfully inserted");
123                 ps.close();
124                 con.close();
125             } catch (ClassNotFoundException | SQLException e) {
126                 e.printStackTrace();
127             }
128             RequestDispatcher rd = request.getRequestDispatcher("home.jsp");
129             rd.forward(request, response);

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129     }
130 }
131
132
133
134
135     <%@ page language="java" contentType="text/html; charset=ISO-8859-1" pageEncoding="ISO-8859-1" %>
136 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
137 <html>
138 <head>
139     <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
140     <title>Display</title>
141     <style>
142         table#nat {
143             width: 50%;
144             background-color: #c48ec5;
145         }
146     </style>
147 </head>
148 <body>
149 <%
150     String name = request.getParameter("fullname");
151     String number = request.getParameter("number");
152     String email = request.getParameter("email");
153     String gender = request.getParameter("gender");
154     String address = request.getParameter("address");
155     String fees = request.getParameter("fees");
156     String preferable = request.getParameter("preferable");
157
158 %>
159 <table id="nat">
160     <tr>
161         <td>Full Name</td>
162         <td><%= name %>
163         </td>
164     </tr>
165     <tr>
166         <td>number</td>
167         <td><%= number %>
168         </td>
169     </tr>
170     <tr>
171         <td>Email</td>
172         <td><%= email %>
173         </td>
174     </tr>
175     <tr>
176         <td>Gender</td>
177         <td><%= gender %>
178         </td>
179     </tr>
180     <tr>
181         <td>Address</td>
182         <td><%= address %>
183         </td>
184     </tr>
185     <tr>
186         <td>Fees</td>
187         <td><%= fees %>
188         </td>
189     </tr>
190     <tr>
191         <td>Preferable Time</td>
192         <td><%= preferable %>
193         </td>
194     </tr>

```

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195 </table>
196 <br>
197 use " <i> select * from student; </i> " in mysql(mariadb) client to verify it.
198 </body>
199 </html>
```