

Externship assignment-3: -

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Campus: - VIT Amaravati

JDBC in Java and mysql

Code

```
1 <!-- page language="java" contentType="text/html; charset=UTF-8" -->
2 <pageEncoding="UTF-8"%>
3 <DOCTYPE html>
4 <html>
5 <head>
6
7 </head>
8 <style>
9 input[type=text], select {
10 width: 100%;
11 padding: 12px 20px;
12 margin: 8px 0;
13 display: inline-block;
14 border: 1px solid #ccc;
15 border-radius: 4px;
16 box-sizing: border-box;
17 }
18 input[type=number], select {
19 width: 100%;
20 padding: 12px 20px;
21 margin: 8px 0;
22 display: inline-block;
23 border: 1px solid #ccc;
24 border-radius: 4px;
25 box-sizing: border-box;
26 }
27 input[type=email], select {
28 width: 100%;
29 padding: 12px 20px;
30
```

```
30 margin: 8px 0;
31 display: inline-block;
32 border: 1px solid #ccc;
33 border-radius: 4px;
34 box-sizing: border-box;
35 }
36
37 input[type=submit] {
38 width: 100%;
39 background-color: #4CAF50;
40 color: white;
41 padding: 14px 20px;
42 margin: 8px 0;
43 border: none;
44 border-radius: 4px;
45 cursor: pointer;
46 }
47
48 input[type=submit]:hover {
49 background-color: #45a049;
50 }
51
52 div {
53 border-radius: 8px;
54 background-color: #f2f2f2;
55 padding: 20px;
56 }
57 </style>
58 <body>
```

```

55
56
57 <center>img src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANdAgcTeAPyTTwITZjbRjYsJu2Ms_GenAin3
58
59
60
61 <h2><center><College Registration Form</center></h2>
62
63
64
65
66
67 <div>
68   <form action="FormServlet" method="post">
69     <label for="fname">Student First Name</label>
70     <input type="text" id="fname" name="Student First Name" placeholder="Student First Name">
71
72     <label for="lname">Student Last Name</label>
73     <input type="text" id="lname" name="Student Last Name" placeholder="Student Last Name">
74
75     <label for="email">Student Email</label>
76     <input type="email" id="email" name="email" placeholder="Student Email">
77
78     <p>
79       <label for="dob">Student Date of Birth</label>
80       <input type="date" id="dob" name="DOB">
81     </p>
82
83
84
85     <p>
86       <label for="phnum">Student Phone Number</label>
87       <input type="number" id="phone" name="phone" placeholder="e.g. +91 982 123 4567" value="+91 ">

```

Code for database connection:

```

1
2
3 import jakarta.servlet.ServletException;
4
5 /**
6  * Servlet implementation class FormServlet
7  */
8
9 public class FormServlet extends HttpServlet {
10     private static final long serialVersionUID = 1L;
11
12
13     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
14         try {
15             Class.forName("com.mysql.jdbc.Driver");
16             Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/registration_form","root","student_data");
17         } catch (ClassNotFoundException e) {
18             e.printStackTrace();
19         } catch (SQLException e) {
20             // TODO Auto-generated catch block
21             e.printStackTrace();
22         }
23     }
24 }

```

Code output:

first_name	last_name	email	date_of_birth	ph_no	country	degree	specialization	campus
ranGopal	varma	20bci@vitap.ac.in	7/4/1962	6301497800	india	B-tech	AI	VIT-AP