ASSIGNMENT – 3

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JDBC in Java and mysql
Code:

```jsp
registraionForm.jsp × *FormServlet.java
1 <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2     pageEncoding="ISO-8859-1"%>
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 #c51b1b;
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;
```

```css
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: 5px;
54    background-color: #f2f2f2;
55    padding: 20px;
56 }
57 </style>
58 <body>
```

```html
59
60
61  <center><img src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTmAPyTTwIYIjbLR3YhJuQMz__GeoAin1
62
63
64 <h2><center>College Registration Form</center></h2>
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. +91 702 123 4567" value="+91 ">
```

Code for database connection:

```
registraionForm.jsp    *FormServlet.java ×
 1
 2
 3⊕import jakarta.servlet.ServletException;
12
13⊝/**
14  * Servlet implementation class FormServlet
15  */
16 public class FormServlet extends HttpServlet {
17     private static final long serialVersionUID = 1L;
18
19
20⊝    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IO
21     try {
22         Class.forName("com.mysql.jdbc.Driver");
23         Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/registration_form","root","st
24     }catch(ClassNotFoundException e) {
25         e.printStackTrace();
26     } catch (SQLException e) {
27         // TODO Auto-generated catch block
28         e.printStackTrace();
29     }
30     }
31
32 }
```

Output:

```
+------------+-----------+------------------+---------------+-------------+----------+---------+----------------+
| first_name | last_name | email            | date_of_birth | ph_no       | country  | degree  | specialization |
+------------+-----------+------------------+---------------+-------------+----------+---------+----------------+
| ramGopal   | varma     | 20bci@vitap.ac.in | 7/4/1962      | 6301497800  | india    | B-tech  | AI             |
+------------+-----------+------------------+---------------+-------------+----------+---------+----------------+
```