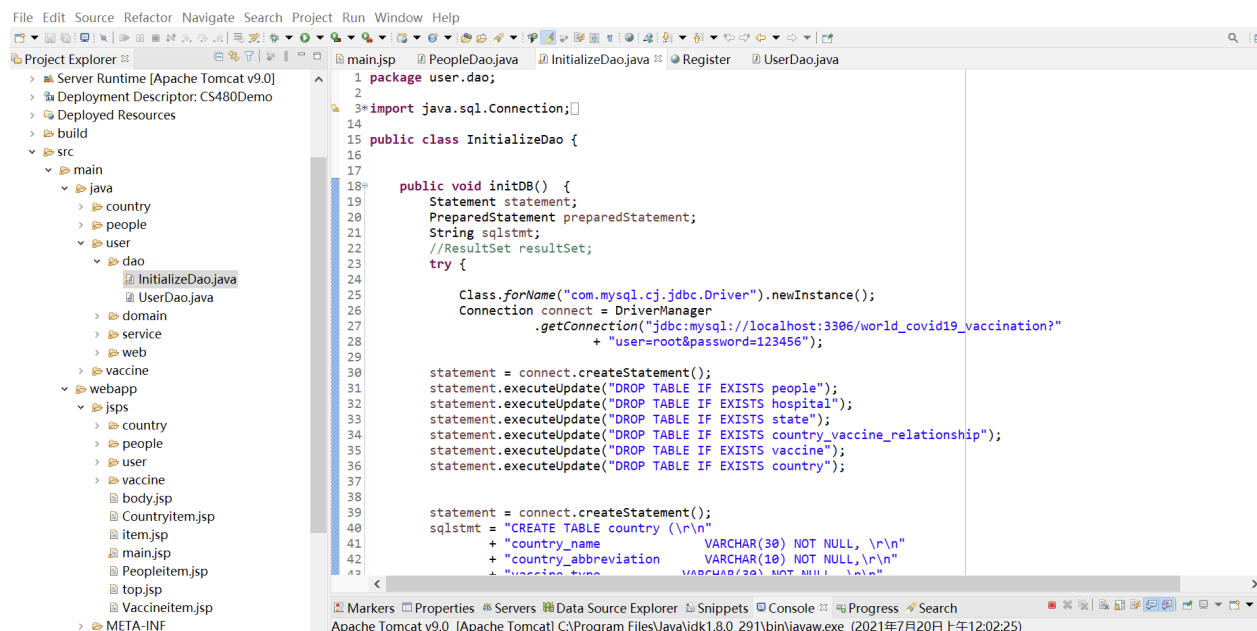# PD6 EXTRA

1. Delete the database 'bookstore' and change the connection strings on UserDao.java to connect the new database (your database) instead of the 'bookstore' database. Test that you can still register and login into the database.

Register

User : j

Password:

Email : j

Register

Login

User: j

Password:

Login

world_covid19_vaccination Database

Hello: j; Query Result

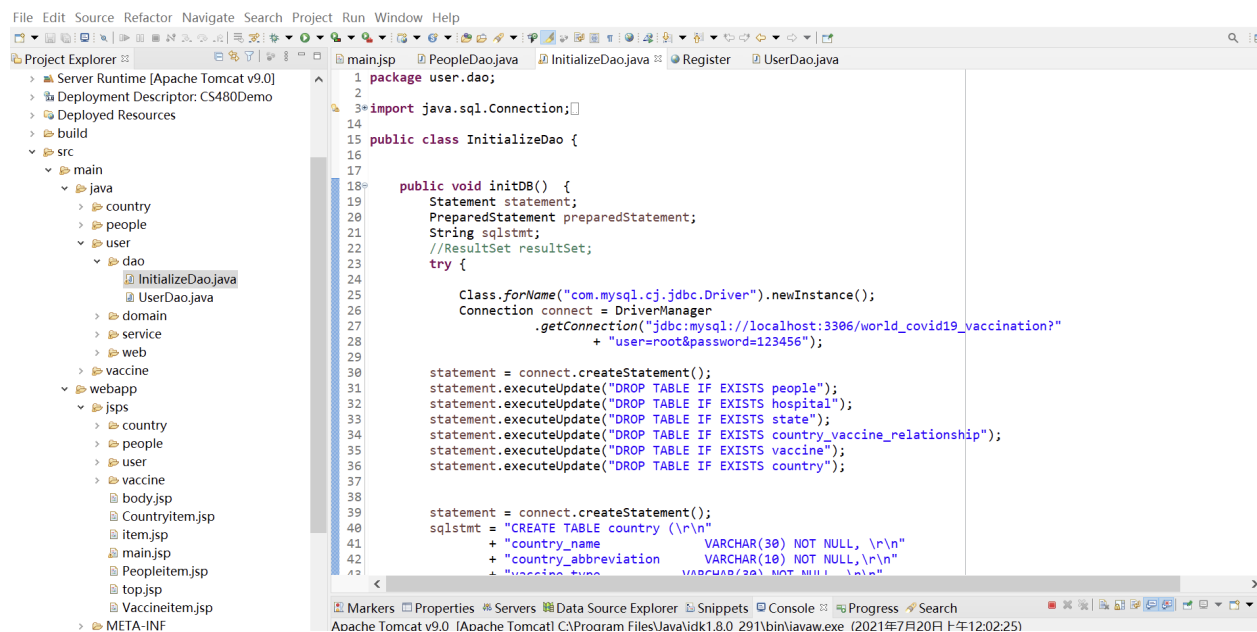# Welcome to Our Database

2.Add a link to the main page called "Initialize Database". When a user clicks it, all necessary tables will be created (or recreated) automatically, with each table be populated with 3 rows.

```
 1  <%@ page language="java" import="java.util.*" pageEncoding="UTF-8"%>
 2  <%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
 3
 4
 5  <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
 6  <html>
 7    <head>
 8
 9      <title>Initialize Database</title>
10
11      <meta http-equiv="pragma" content="no-cache">
12      <meta http-equiv="cache-control" content="no-cache">
13      <meta http-equiv="expires" content="0">
14      <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
15      <meta http-equiv="description" content="This is my page">
16      <meta http-equiv="content-type" content="text/html;charset=utf-8">
17      <!--
18      <link rel="stylesheet" type="text/css" href="styles.css">
19      -->
20
21    </head>
22
23    <body>
24    <h1>Initialize Database</h1>
25
26
27  <p style="color: red; font-weight: 900"> ${msg}</p>
28  <form action="<c:url value='/InitServlet'/>" method="post">
29
30      <input type="submit" value="Initialize Database"/>
31  </form>
32    </body>
33  </html>
```

world_covid19_vaccination Database

Login | Register | Initialize Database | Country | Vaccine | People

Welcome to Our Database

Login | Register | Initialize Database

Initialize Database

Initialize Database
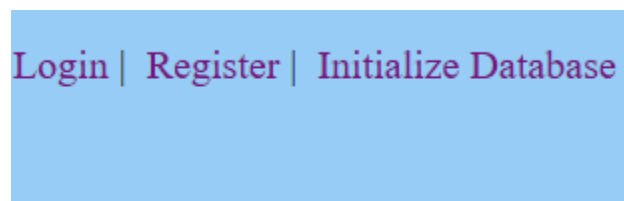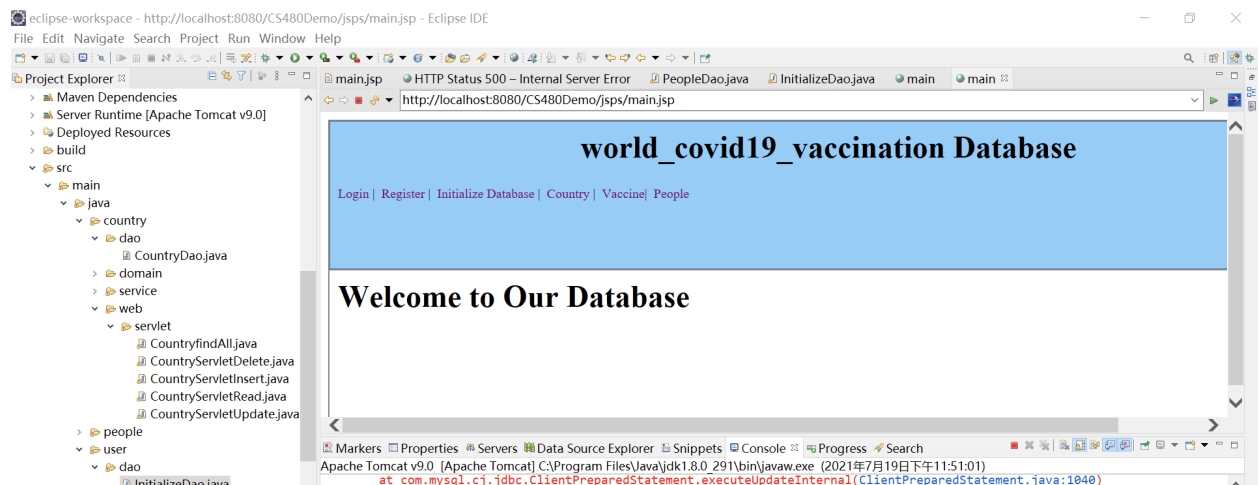
```
mysql> select * from country;
+--------------+----------------------+---------------------------+
| country_name | country_abbreviation | vaccine_type              |
+--------------+----------------------+---------------------------+
| China        | CHN                  | Sinopharm COVID19 Vaccine |
| India        | IN                   | Covaxin                   |
| United States| USA                  | Phizer                    |
+--------------+----------------------+---------------------------+
3 rows in set (0.00 sec)

mysql> select * from vaccine;
+---------------------------+---------------------+----------------+-----------------+
| name                      | type                | company        | protection_rate |
+---------------------------+---------------------+----------------+-----------------+
| Covaxin                   | Inactivated vaccines| Bharat Biotech |            77.8 |
| Phizer                    | mRNA                | BioNTech       |            95.0 |
| Sinopharm COVID19 Vaccine | Inactivated vaccines| China          |            79.3 |
+---------------------------+---------------------+----------------+-----------------+
3 rows in set (0.00 sec)

mysql> select * from people;
+--------+------------------------+-----------+------------+-----+---------------+
| number | hospital_name          | ID        | name       | age | date_of_birth |
+--------+------------------------+-----------+------------+-----+---------------+
|      1 | UIHealth               | 677447670 | Jiangni    |  21 | 2000-01-04    |
|      2 | Wuhan Central Hospital | 671847966 | Jiaqi Yin  |  21 | 1999-09-19    |
|      3 | Apollo Hospital        | 657001198 | Adnan Sami |  27 | 1994-02-12    |
+--------+------------------------+-----------+------------+-----+---------------+
3 rows in set (0.00 sec)

mysql>
```

截图(Alt + A)

```
mysql> select * from state;
+------------+---------------+------------+
| state_name | country_name  | population |
+------------+---------------+------------+
| Hubei      | China         |   25852345 |
| Illinois   | United States |   12775352 |
| Tamil Nadu | India         |  230000000 |
+------------+---------------+------------+
3 rows in set (0.00 sec)

mysql> select * from hospital;
+------------------------+------------+---------+------------------+
| hospital_name          | state_name | city    | vaccinated_people |
+------------------------+------------+---------+------------------+
| Apollo Hospital        | Tamil Nadu | Chennai |            76907 |
| UIHealth               | Illinois   | Chicago |            18189 |
| Wuhan Central Hospital | Hubei      | Wuhan   |           100000 |
+------------------------+------------+---------+------------------+
3 rows in set (0.00 sec)

mysql> select * from country_vaccine_relationship;
+---------------+--------------------------+
| country_name  | vaccine_name             |
+---------------+--------------------------+
| India         | Covaxin                  |
| United States | Phizer                   |
| China         | Sinopharm COVID19 Vaccine |
+---------------+--------------------------+
3 rows in set (0.00 sec)

mysql> select * from tb_user;
+----------+----------+----------------+
| username | password | email          |
+----------+----------+----------------+
| j        | j        | j              |
| Jiangni  | jiangni  | jren24@uic.edu |
| Jiaqi    | jiaqi    | jyin22@uic.edu |
```