# JFSD SKILL_5

a) Using JSP Concepts try to execute the following scenario. Which consist of two tasks.

Task 1:

Create a table in the database containing the columns to store book details like book name, authors, description, price, and URL (Uniform Resource Locator) of the book's cover image. Using JSP (Java Server Pages) and JDBC retrieve the details in the table and display them on the webpage.

Answers:-
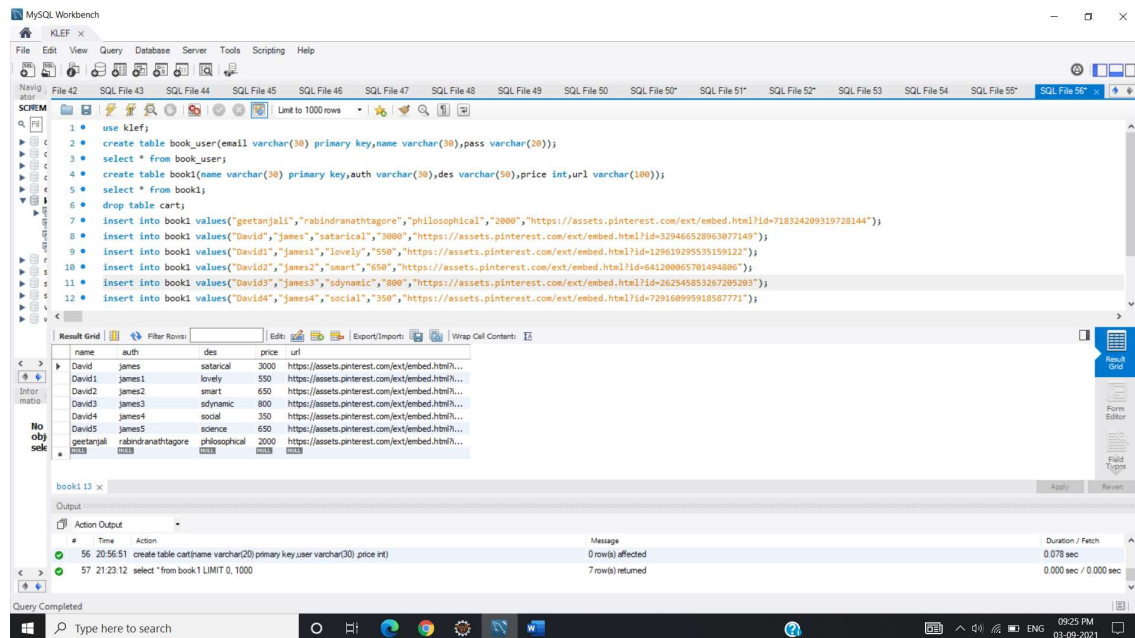
Code:-

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1"%>
<%@ page import="java.io.*"%>
<%@ page import="java.sql.*"%>
<%@ page import="javax.servlet.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Home</title>
<link
        href="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css"
        rel="stylesheet" id="bootstrap-css">
<script
        src="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/js/bootstrap.min.js"></script>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
</head>
<style>
#grad {
        background-image: url('black.png');
}

* {
```

```css
        box-sizing: border-box;
}

h1 {
        text-align: center;
}

.outer-grid {
        display: flex;
        flex-wrap: wrap;
        padding: 0 4px;
}

.inner-grid {
        flex: 25%;
        max-width: 25%;
        padding: 0 4px;
}

.inner-grid img {
        margin-top: 8px;
        width: 100%;
        padding: 10px;
}

@media screen and (max-width: 800px) {
        .inner-grid {
                flex: 50%;
                max-width: 50%;
        }
}

@media screen and (max-width: 600px) {
        .inner-grid {
                flex: 100%;
                max-width: 100%;
        }
}
</style>

<body>
        <div id="grad">
                <center>
                        <h1 style="color: white;">Welcome To Book Store</h1>
                </center>
        </div>

        <%
        String name = (String) session.getAttribute("name");
        out.print("Hello " + name);
        %>
        <br>
        <button onclick="window.location='mybookings.jsp'">Go to cart</button>


        <%
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/KLEF", "root", "ROOT");

        PreparedStatement stmt = con.prepareStatement("SELECT * FROM book1");

        stmt.executeQuery();
        ResultSet rs = stmt.getResultSet();
        %>
        <div class="outer-grid">
                <%
                while (rs.next()) {
                %>
                <hr>
                <div class="inner-grid">
                        <hr>
                        <iframe src=<%=rs.getString("url")%> height="365" width="365"
                                frameborder="0" scrolling="no"></iframe>
```

```
                <h4>
                        Name of the Book:
                        <%=rs.getString("name")%></h4>
                <h5>
                        Author of book:
                        <%=rs.getString("auth")%></h5>
                <h5>
                        price of the book: Rs:<%=rs.getInt("price")%>/-
                </h5>
                <a
        href='boog.jsp?name=<%=rs.getString("name")%>&&p=<%=rs.getInt("price")%>'>Add
                        to cart</a> <br>
            </div>
            <%
            }
            %>
        </div>
</body>

</html>
```
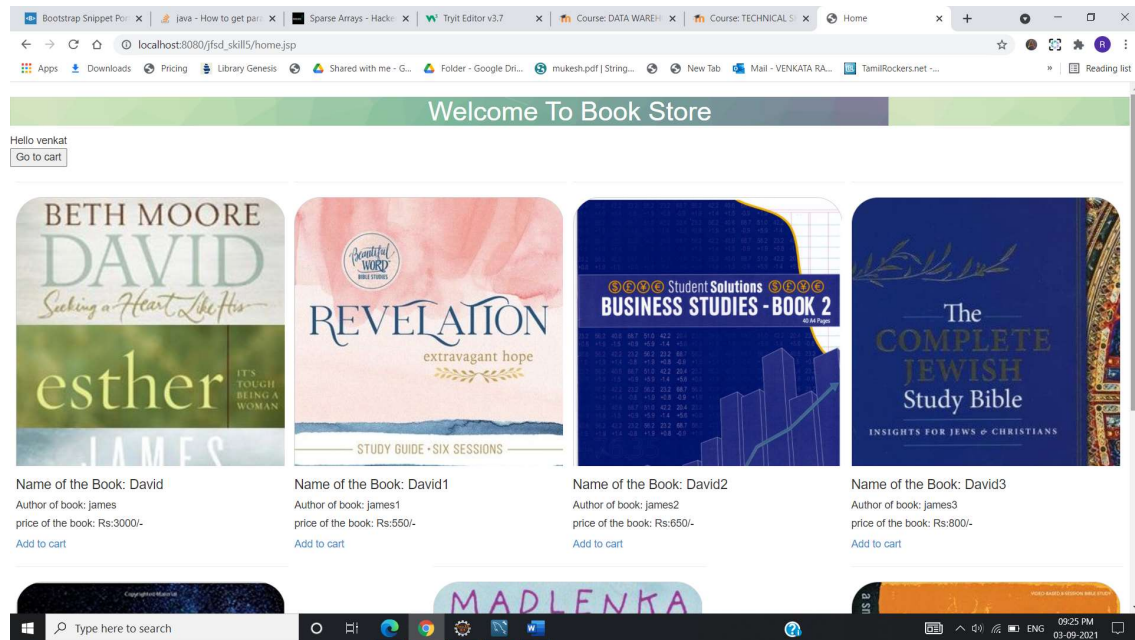
Task 2:

Create a catalogue page containing the book's details like cover image, book name, authors, description, price and an add to cart button. Also create a cart page which shows details like book name, price, quantity, amount, and total amount to be paid. Using JSP display the content in the cart page dynamically by retrieving the data from sessions.


b) Write a java program/JSP to connect to the database and extract data from the tables and display them using various SQL queries. Insert the details of the users who register with the website, to the database. and authenticate the user when he/she submits the login form using the username and password from the database using JSP and give the user authority to change his/her password.
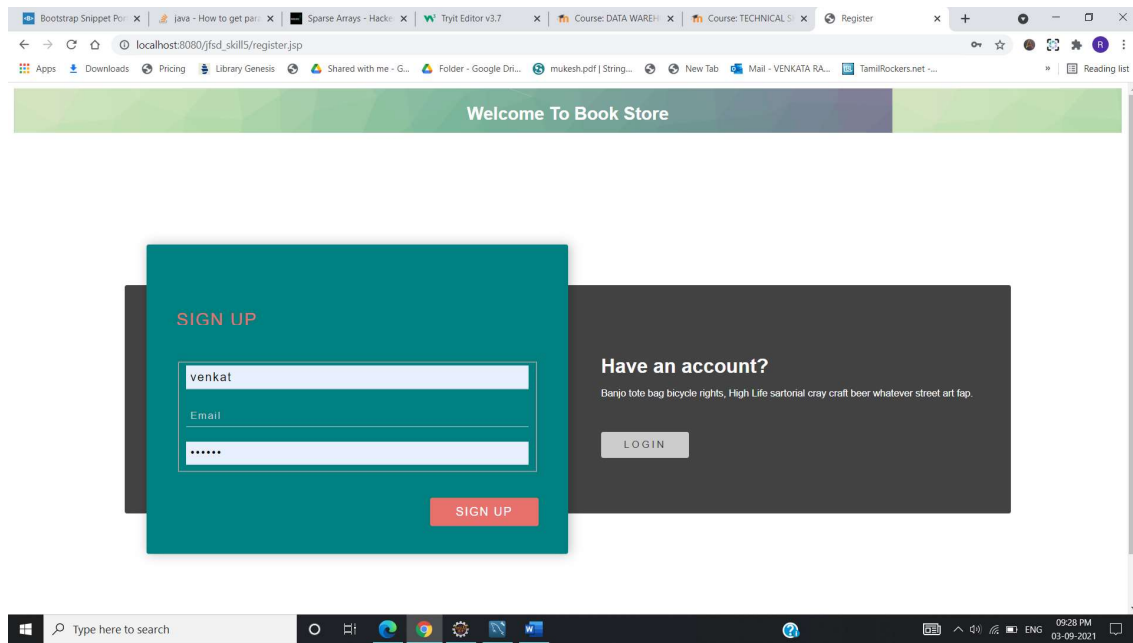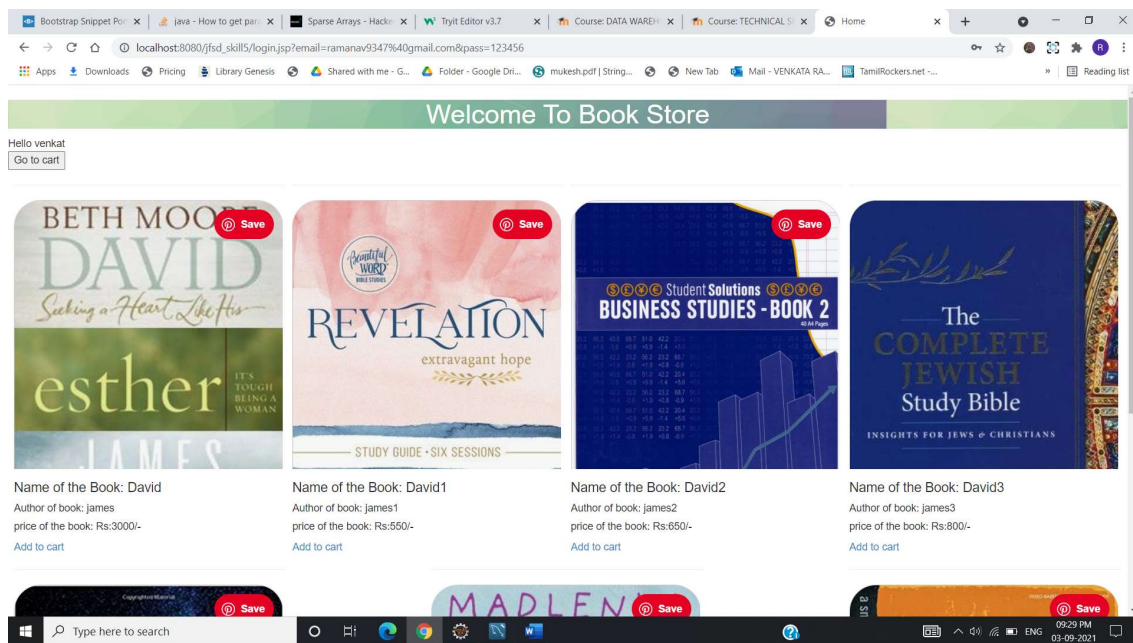
Note: Use JSP MVC for these tasks
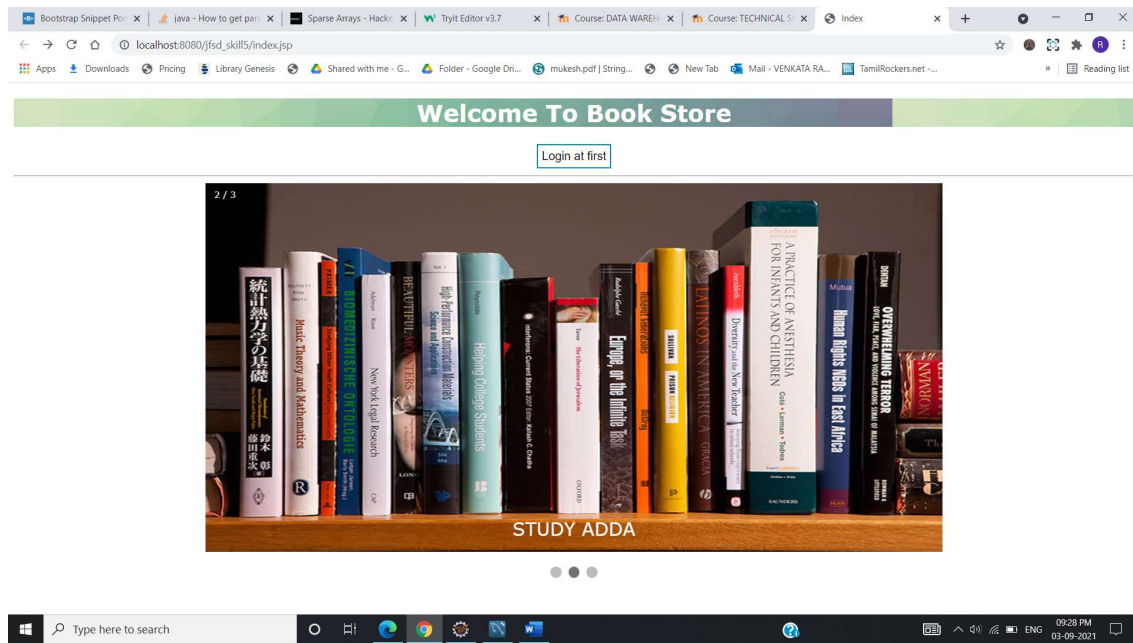
Login page:-
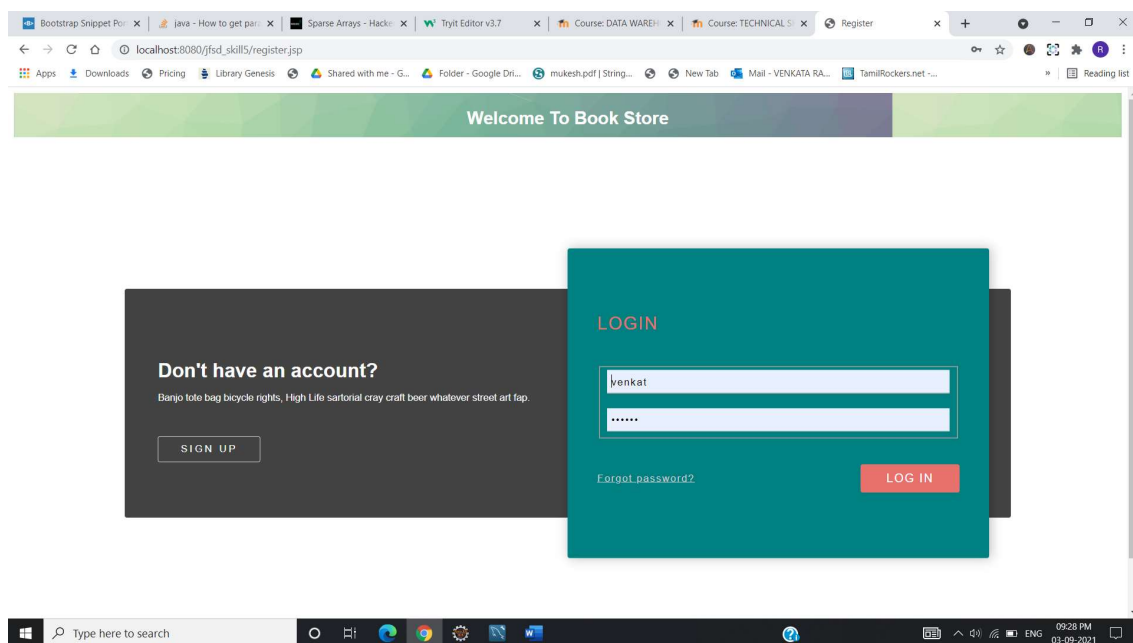
Register page:-

Home page:-

Cart page:-

Welcome To Book Store

Hello venkat

[Home]

name of the book	Price	remove
"David"	"3000"	Remove
"David1"	"550"	Remove
"David2"	"650"	Remove
"David3"	"800"	Remove

total:Rs.5000/-

Removing one item:-

Welcome To Book Store

Hello venkat

[Home]

name of the book	Price	remove
"David1"	"550"	Remove
"David2"	"650"	Remove
"David3"	"800"	Remove

total:Rs.2000/-

--The end--