

ass5

Registerform.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Registration Form</title>
<style>
  body {
    font-family: Arial, sans-serif;
    background-color: #f2f2f2;
  }
  form {
    max-width: 500px;
    margin: 0 auto;
    padding: 20px;
    background-color: #ffffff;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0,
0.2); }
  h1 {
    text-align: center;
    color: #444444;
  }
  h2 {
    text-align: center;
    color: #444444;
  }
  input[type="number"],
  input[type="text"],
  input[type="submit"] {
    display: block;
    width: 100%;
    padding: 10px;
    margin-bottom: 20px;
    border-radius: 3px;
    box-sizing: border-box;
    font-size: 16px;
    border: 2px solid #cccccc;
    border-radius: 5px;
    padding: 10px;
  }
  input[type="submit"] {
    background-color: #4CAF50;
    color: #ffffff;
    cursor: pointer;
```

```

    }
    input[type="submit"]:hover {
        background-color: #3e8e41;}
</style>
</head>
<body>
<h1>Registration Form</h1>
<form action="register" method="post">
    <label for="book_id">Book ID:</label>
    <input type="number" name="book_id" required>
    <label for="book_title">Book Title:</label> <input
    type="text" name="book_title" required> <label
    for="book_author">Book Author:</label> <input
    type="text" name="book_author" required> <label
    for="book_price">Book Price:</label> <input
    type="number" name="book_price" required> <label
    for="quantity">Quantity:</label>
    <input type="number" name="quantity" required>
    <input type="submit" value="Register">
</form>
</body>
</html>

```

registerform.java

```

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
/* * Servlet implementation class Register */
@WebServlet("/register")
public class register extends HttpServlet {
    private static final long serialVersionUID = 1L;
    /* * @see HttpServlet#HttpServlet() */
    public register() {
        super();
        // TODO Auto-generated constructor stub
    }
    /** @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response) */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
    ServletException, IOException {

```

```
// TODO Auto-generated method stub
response.getWriter().append("Served at:
").append(request.getContextPath()); }
/** @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)*/
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
    response.setContentType("text/html");
    PrintWriter out = response.getWriter();

    String book_id = request.getParameter("book_id");
    String book_title = request.getParameter("book_title");
    String book_author = request.getParameter("book_author");
    String book_price = request.getParameter("book_price");
    String quantity = request.getParameter("quantity");
    try {
        Class.forName("com.mysql.jdbc.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/BookDB", "root",
"root");
        PreparedStatement ps = con.prepareStatement("insert into ebookshop
values(?,?,?,?)"); ps.setString(1, book_id);
        ps.setString(2, book_title);
        ps.setString(3, book_author);
        ps.setString(4, book_price);
        ps.setString(5, quantity);
        int i = ps.executeUpdate();
        if (i > 0) {

            PreparedStatement ps1 = con.prepareStatement("SELECT * FROM
ebookshop"); ResultSet rs = ps1.executeQuery();
            out.println("<html><head><title>Book Inventory</title>");
            out.println("<style>");
            out.println("table {border-collapse: collapse; width: 100%;}");
            out.println("th, td {text-align: left; padding: 8px;}");
            out.println("th {background-color: #4CAF50; color: white;}");
            out.println("tr:nth-child(even) {background-color: #f2f2f2;}");
            out.println("</style>");
            out.println("</head><body>");
            out.println("<h2 style='text-align: center;'>Book Inventory</h2>");
            out.println("<table>");
            out.println("<tr><th>ID</th><th>Title</th><th>Author</th><th>Price</th><th>
Quantity</th></tr>");
            while (rs.next()) {
                book_id = rs.getString("book_id");
                book_title = rs.getString("book_title");
                book_author = rs.getString("book_author");
                book_price = rs.getString("book_price");
                quantity = rs.getString("quantity");
            }
        }
    }
}
```

```

        out.println("<tr><td>" + book_id + "</td><td>" + book_title + "</td><td>" + book_author +
        "</td><td>" + book_price + "</td><td>" + quantity + "</td></tr>");
    }
    out.println("</table>");
    out.print("<h3 style=\"text-align: center; color: red\">You're data has been stored
    successfully</h3>");
    out.println("</body></html>");
    rs.close();
    ps1.close();
    con.close();
}
} catch (Exception e) {
    System.out.println(e);
}
}
}

```

Output: -

Registration Form

Book ID:

Book Title:

Book Author:

Quantity:

Book Price:

Book Inventory

ID	Title	Author	Price	Quantity
1	SKlearn	Python	425.80	2

You're data has been stored successfully