# 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: -**



