SERVLET:

import java.io.\*;

import java.sql.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import javax.servlet.annotation.WebServlet;

@WebServlet("/TicketBookingServlet")

public class TicketBookingServlet extends HttpServlet {

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String name = request.getParameter("passenger\_name");

String source = request.getParameter("source");

String destination = request.getParameter("destination");

String date = request.getParameter("travel\_date");

try {

// Load MySQL Driver

Class.forName("com.mysql.cj.jdbc.Driver");

// Connect to DB (✅ empty password here, change if you set one)

try (Connection con = DriverManager.getConnection(

"jdbc:mysql://localhost:3306/ticket\_booking", "root", "")) {

// Insert ticket

String sql = "INSERT INTO tickets (passenger\_name, source, destination, travel\_date) VALUES (?, ?, ?, ?)";

PreparedStatement pst = con.prepareStatement(sql);

pst.setString(1, name);

pst.setString(2, source);

pst.setString(3, destination);

pst.setString(4, date);

int result = pst.executeUpdate();

if (result > 0) {

out.println("<h2> Ticket booked successfully!</h2>");

} else {

out.println("<h2>❌ Error booking ticket.</h2>");

}

// Show all tickets

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery("SELECT \* FROM tickets");

out.println("<h3> Booked Tickets:</h3>");

out.println("<table border='1'><tr><th>ID</th><th>Name</th><th>Source</th><th>Destination</th><th>Date</th></tr>");

while (rs.next()) {

out.println("<tr><td>" + rs.getInt("ticket\_id") + "</td><td>" +

rs.getString("passenger\_name") + "</td><td>" +

rs.getString("source") + "</td><td>" +

rs.getString("destination") + "</td><td>" +

rs.getDate("travel\_date") + "</td></tr>");

}

out.println("</table>");

}

} catch (Exception e) {

e.printStackTrace(out); // show errors in browser

} finally {

out.close();

}

}

}

INDEX.html:

<!DOCTYPE html>

<html>

<head>

<title>Ticket Booking</title>

</head>

<body>

<h2>Book Your Ticket</h2>

<form action="TicketBookingServlet" method="post">

Name: <input type="text" name="passenger\_name" required><br><br>

Source: <input type="text" name="source" required><br><br>

Destination: <input type="text" name="destination" required><br><br>

Date: <input type="date" name="travel\_date" required><br><br>

<input type="submit" value="Book Ticket">

</form>

</body>

</html>

