

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
    <title>Three-Tier App</title>
</head>
<body>
    <h2>Add User</h2>
    <form action="UserServlet" method="post">
        <label for="name">Name:</label>
        <input type="text" id="name" name="name"><br><br>
        <input type="submit" value="Add User">
    </form>
    <h2>Users List</h2>
    <jsp:include page="UserServlet"/>
</body>
</html>
```

```
import java.io.*;
import java.sql.*;
import jakarta.servlet.*;
import jakarta.servlet.http.*;

public class UserServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {
        String name = request.getParameter("name");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/userdb", "root",
"password");
            PreparedStatement ps = conn.prepareStatement("INSERT INTO
users(name) VALUES(?)");
            ps.setString(1, name);
            ps.executeUpdate();
            conn.close();
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```

```

doGet(request, response); // Refresh the user list
}

protected void doGet(HttpServletRequest request, HttpServletResponse
response)
    throws ServletException, IOException {
    response.setContentType("text/html");
    PrintWriter out = response.getWriter();
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/userdb", "root",
"password");
        Statement stmt = conn.createStatement();
        ResultSet rs = stmt.executeQuery("SELECT * FROM users");
        out.println("
"); while (rs.next()) { out.println("
" + rs.getString("name") + "
"); } out.println(""); conn.close(); } catch (Exception e) { e.printStackTrace(); } } }

```

```

<web-app>
  <servlet>
    <servlet-name>UserServlet</servlet-name>
    <servlet-class>UserServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>UserServlet</servlet-name>
    <url-pattern>/UserServlet</url-pattern>
  </servlet-mapping>
</web-app>

```