**JDBC Setup**

**Index.html:**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>JDBC Setup</title>

</head>

<body>

<a href=*"DemoJDBC"*>Initialising of JDBC</a><br>

</body>

</html>

**DBConnection Class:**

package com.ecommerce;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class DBConnection {

private Connection connection;

public DBConnection(String dbURL,String user,String pword) throws ClassNotFoundException,SQLException{

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

this.connection=DriverManager.getConnection(dbURL,user,pword);

}

public Connection getConnection() {

return this.connection;

}

public void closeConnection()throws SQLException{

if(this.connection!=null)

this.connection.close();

}

}

**config.properties:**

url=jdbc:mysql://localhost:3306/Phase2

userid=root

password=\*\*\*\*\*

**DemoJDBC Servlet:**

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.PrintWriter;

**import** java.sql.SQLException;

**import** java.util.Properties;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** com.ecommerce.DBConnection;

@WebServlet("/DemoJDBC")

**public** **class** DemoJDBC **extends** HttpServlet {

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

**try** {

PrintWriter out = response.getWriter();

out.println("<html><body>");

InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");

Properties props = **new** Properties();

props.load(in);

DBConnection conn = **new** DBConnection(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));

out.println("DB Connection initialized.<br>");

conn.closeConnection();

out.println("DB Connection closed.<br>");

out.println("</body></html>");

conn.closeConnection();

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

} **catch** (SQLException e) {

e.printStackTrace();

}

}

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub

doGet(request, response);

}

}

**Web.xml:**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<display-name>JDBCSetup</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

</welcome-file-list>

</web-app>