**Source Code For JDBC Setup**

**Index-**

**<!DOCTYPE html>**

**<html>**

**<head>**

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

**<title>JDBC Setup</title>**

**</head>**

**<body>**

**<a href=*"DemoJDBC"*>Initialize JDBC</a>**

**</body>**

**</html>**

**DB connection class-**

**package com.ecommerce;**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**import java.sql.SQLException;**

**public class DBConnection {**

**private static final String DB\_URL = "jdbc:mysql://localhost:3306/products";**

**private static final String DB\_USERNAME = "root";**

**private static final String DB\_PASSWORD = "Spidey@0987";**

**public static Connection getConnection() throws SQLException {**

**try {**

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

**} catch (ClassNotFoundException e) {**

**e.printStackTrace();**

**}**

**return DriverManager.getConnection(DB\_URL, DB\_USERNAME, DB\_PASSWORD);**

**}**

**}**

**Servlet-**

**import java.io.IOException;**

**import java.io.PrintWriter;**

**import java.sql.Connection;**

**import java.sql.ResultSet;**

**import java.sql.SQLException;**

**import java.sql.Statement;**

**import javax.servlet.ServletException;**

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

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

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

**import com.ecommerce.DBConnection;**

**public class DemoJDBC extends HttpServlet {**

**private static final long serialVersionUID = 1L;**

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

**PrintWriter out = response.getWriter();**

**Connection connection = null;**

**Statement statement = null;**

**ResultSet resultSet = null;**

**try {**

**connection = DBConnection.getConnection();**

**statement = connection.createStatement();**

**resultSet = statement.executeQuery("SELECT \* FROM Products");**

**while (resultSet.next()) {**

**out.println("ID: " + resultSet.getInt("id"));**

**out.println("Name: " + resultSet.getString("name"));**

**out.println("Cost: " + resultSet.getInt("price"));**

**out.println();**

**}**

**} catch (SQLException e) {**

**e.printStackTrace();**

**} finally {**

**try {**

**if (resultSet != null) resultSet.close();**

**if (statement != null) statement.close();**

**if (connection != null) connection.close();**

**} catch (SQLException e) {**

**e.printStackTrace();**

**}**

**}**

**}**

**}**