DELIMITER $$

**CREATE** **PROCEDURE** add\_product(**IN** pname varchar(100), **IN** pprice decimal(10,2))

**INSERT** **INTO** eproduct (name, price) **VALUES** (pname, pprice)

$$

DELIMITER ;

<!DOCTYPE html>

<**html**>

<**head**>

<**meta** charset="UTF-8">

<**title**>JDBC Stored Procedures</**title**>

</**head**>

<**body**>

<**a** href="list">Product Info</**a**><**br**>

</**body**>

</**html**>

**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** pwd) **throws** **ClassNotFoundException**, **SQLException**{

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

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

}

**public** **Connection** getConnection(){

**return** **this**.connection;

}

**public** void closeConnection() **throws** **SQLException** {

**if** (**this**.connection != **null**)

**this**.connection.close();

}

}

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

userid=root

password=master

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.PrintWriter;

**import** java.math.BigDecimal;

**import** java.sql.CallableStatement;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**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;

/\*\*

**\*** Servlet implementation class ProductDetails

\*/

**@WebServlet("/ProductDetails")**

**public** **class** ProductDetails **extends** HttpServlet {

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

/\*\*

**\*** **@see** HttpServlet**#**HttpServlet()

\*/

**public** ProductDetails() {

**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

**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"));

**CallableStatement** stmt = conn.getConnection().prepareCall("{call add\_product(?, ?)}");

stmt.setString(1, "new product");

stmt.setBigDecimal(2, **new** **BigDecimal**(1900.50));

stmt.executeUpdate();

out.println("Stored procedure has been executed.<Br>");

stmt.close();

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

conn.closeConnection();

} **catch** (**ClassNotFoundException** e) {

e.printStackTrace();

} **catch** (**SQLException** e) {

e.printStackTrace();

}

}

/\*\*

**\*** **@see** HttpServlet**#**doPost(HttpServletRequest request**,** HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

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

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd" id="WebApp\_ID" version="4.0">

<display-name>JDBC Stored Procedures</display-name>

<welcome-file-list>

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

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

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

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

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>ProductDetails</servlet-name>

<servlet-class>ProductDetails</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ProductDetails</servlet-name>

<url-pattern>/list</url-pattern>

</servlet-mapping>

</web-app>