STORED PROCEDURES

Creating Stored Procedure

USE `mphasis`;

DROP procedure IF EXISTS `ADD\_PRODUCT`;

DELIMITER $$

USE `mphasis`$$

CREATE PROCEDURE `ADD\_PRODUCT` (

IN pname varchar(100),

IN pprice decimal(10,2)

)

BEGIN

INSERT INTO ADD\_PRODUCT (pname, pprice) VALUES (pname, pprice);

END$$

DELIMITER ;

CREATE HTML FILE

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<a href="stored">Stored Procedure</a><br>

</body>

</html>

CREATE Servlet File

import java.io.IOException;

import java.io.PrintWriter;

import java.math.BigDecimal;

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 javax.xml.transform.Result;

import com.connect.DbConnection;

import java.sql.\*;

/\*\*

\* Servlet implementation class stored

\*/

*@WebServlet*("/stored")

public class stored extends HttpServlet {

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

/\*\*

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

\*/

public stored() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@param**

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

\*/

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

PrintWriter out = response.getWriter();

try {

Connection conObj = DbConnection.*getConnection*();

CallableStatement stmt = conObj.prepareCall("{call ADD\_PRODUCT(?, ?)}");

stmt.setString(1, "book");

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

stmt.executeUpdate();

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

stmt.close();

}

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);

}

}

Connection File

package com.connect;

import java.sql.\*;

public class DbConnection {

public static Connection getConnection()

{

Connection con = null;

try

{

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

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/mphasis", "root", "sonikaSHETTY#17");

}

catch(Exception ex)

{

System.***out***.println(ex);

}

return con;

}

}