ProductController.java

**package** com;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

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

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

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

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

/\*\*

\* Servlet implementation class LoginController

\*/

//@WebServlet

**public** **class** ProductController **extends** HttpServlet {

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

/\*\*

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

\*/

**public** ProductController() {

**super**();

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

}

/\*\*

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

\*/

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html");

String id = request.getParameter("pid");

RequestDispatcher rd1 = request.getRequestDispatcher("Home");

RequestDispatcher rd2 = request.getRequestDispatcher("index.html");

**try** {

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

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/javatraining", "root", "1234");

PreparedStatement pstmt = con.prepareStatement("select \* from product where id=?");

pstmt.setString(1, id);

ResultSet rs = pstmt.executeQuery();

**while**(rs.next()) {

//pw.println("Product Details are:");

pw.println("id is"+rs.getInt(1) );

pw.println("Product Name is"+rs.getString(2));

pw.println(" Price is "+rs.getInt(3));

//rd1.forward(request, response); // we can see only output of target page

//response.sendRedirect("Home");

}

} **catch** (Exception e) {

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

}

}

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

PrintWriter pw = response.getWriter();

response.setContentType("text/html"); //output consider as html not a text

**int** id =Integer.*parseInt*( request.getParameter("pid"));

String pname = request.getParameter("pname");

**int** pprice = Integer.*parseInt*(request.getParameter("pprice"));

RequestDispatcher rd1 = request.getRequestDispatcher("index.html");

**try** {

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

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/javatraining", "root", "1234");

PreparedStatement pstmt = con.prepareStatement("insert into product values(?,?,?)");

pstmt.setInt(1, id);

pstmt.setString(2, pname);

pstmt.setInt(3, pprice);

**int** res = pstmt.executeUpdate();

**if**(res>0) {

pw.println("Account Created successfully");

}

} **catch** (Exception e) {

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

pw.println("Account didn't create, Email Id must be unique");

}

rd1.include(request, response);

}

}

index.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2>Product Login Page</h2>

<form action=*"ProductController"* method=*"get"*>

<label>ProductId</label>

<input type=*"number"* name=*"pid"*><br/>

<input type=*"submit"* value=*"submit"*/>

<input type=*"reset"* value=*"reset"*/>

</form>

<br/>

<a href=*"signUp.html"*>SignUp</a>

</body>

</html>

signUp.html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h2>Account Create</h2>

<form action=*"ProductController"* method=*"post"*>

<label>ProductID</label>

<input type=*"number"* name=*"pid"*><br/>

<label>Productname</label>

<input type=*"text"* name=*"pname"*><br/>

<label>ProductPrice</label>

<input type=*"number"* name=*"pprice"*><br/>

<input type=*"submit"* value=*"submit"*/>

<input type=*"reset"* value=*"reset"*/>

</form>

<a href=*"index.html"*>Login Page</a>

</body>

</html>