

SERVLETS AND JSP COURSE

EJERCICIO

JSP EXPRESSIONS

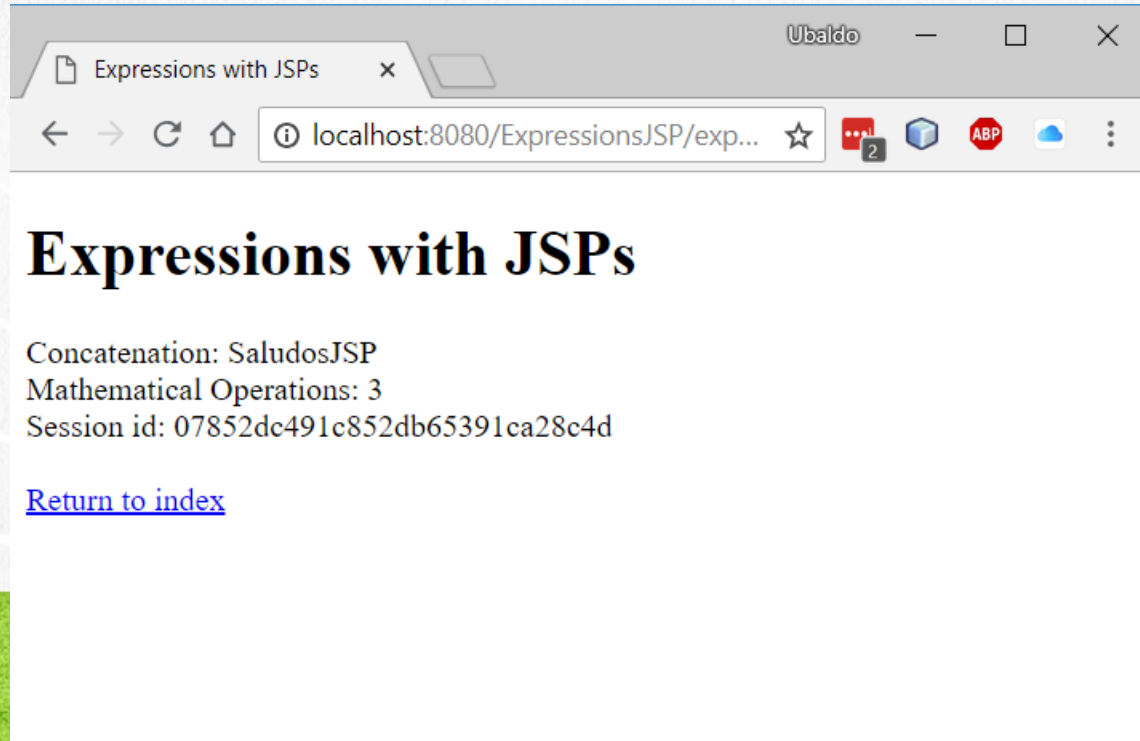


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EXERCISE OBJECTIVE

Create a program for handling expressions in a JSP. At the end we should observe the following:



1. CREATE A NEW PROJECT

Create a new web Project using Maven:

New Web Application

Steps

1. Choose Project
2. **Name and Location**
3. Settings

Name and Location

Project Name: ExpressionsJSP

Project Location: C:\Courses\Servlets\Lesson12 Browse...

Project Folder: C:\Courses\Servlets\Lesson12\ExpressionsJSP

Artifact Id: ExpressionsJSP

Group Id: web

Version: 1

Package: (Optional)

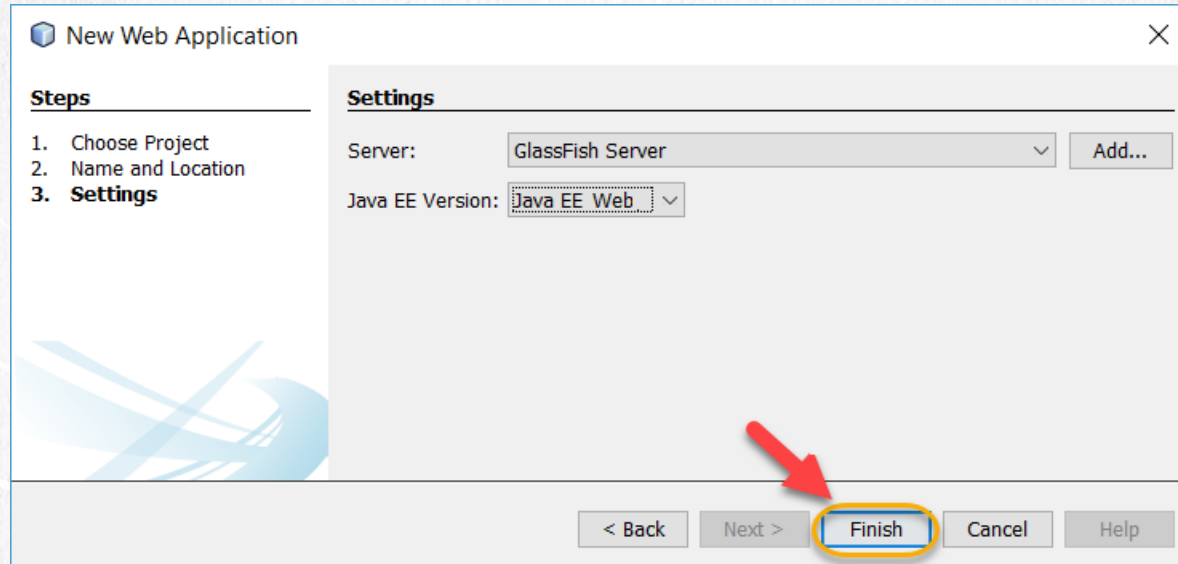
< Back **Next >** Finish Cancel Help

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1. CREATE A NEW PROJECT

Create a new project:



New Web Application

Steps

1. Choose Project
2. Name and Location
3. **Settings**

Settings

Server: GlassFish Server Add...

Java EE Version: Java EE Web

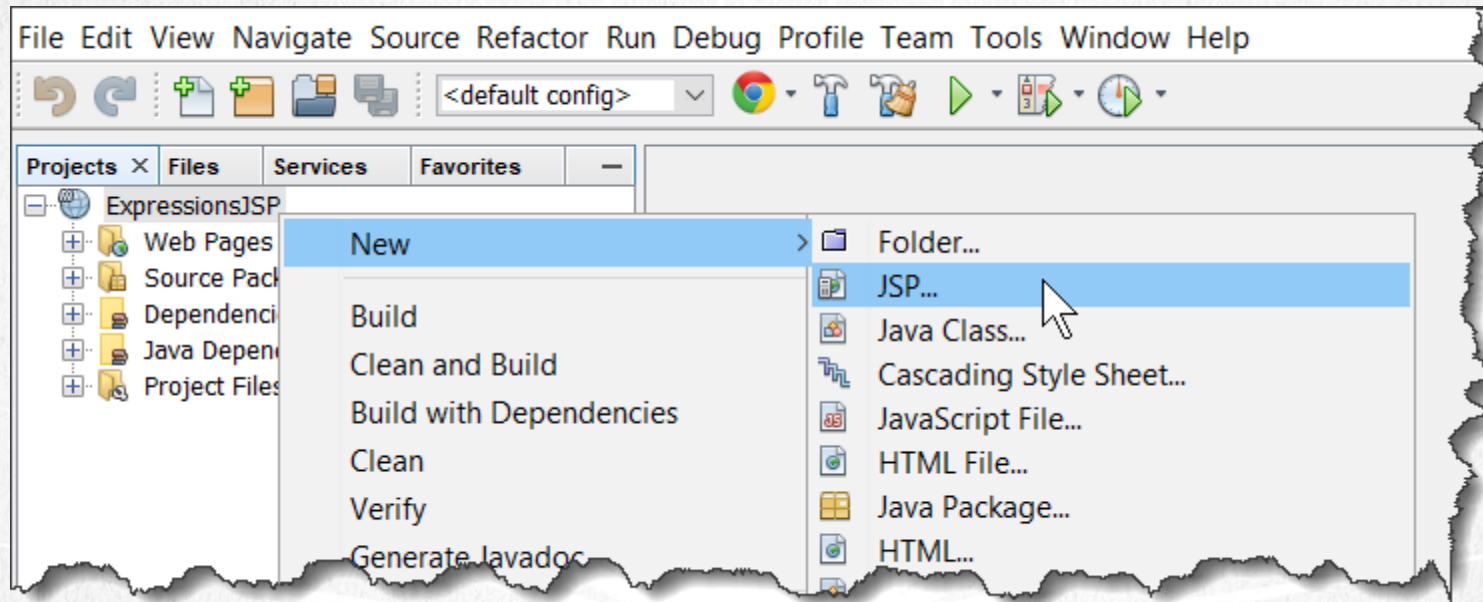
< Back Next > **Finish** Cancel Help

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2. CREATE A NEW JSP

Create a new JSP:

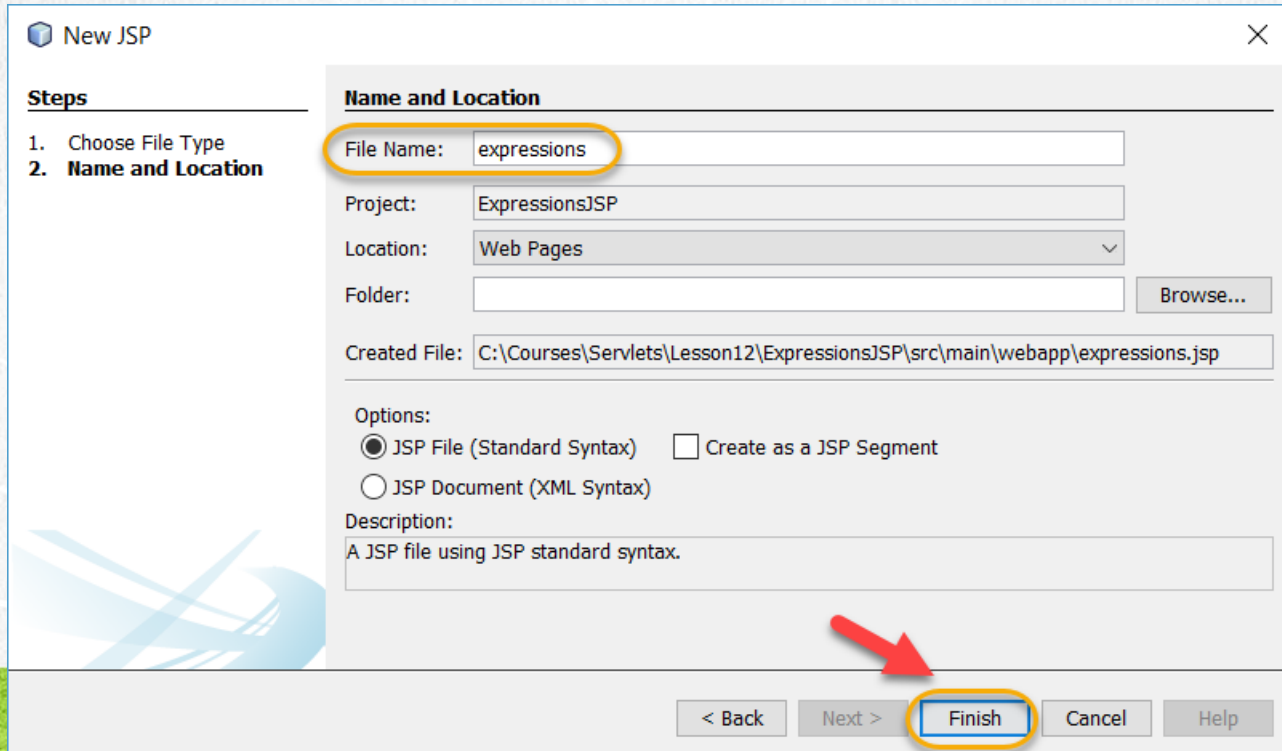


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2. CREATE A NEW JSP (CONT)

Create a new JSP:



New JSP

Steps

1. Choose File Type
2. **Name and Location**

Name and Location

File Name:

Project:

Location:

Folder:

Created File:

Options:

☒ JSP File (Standard Syntax) ☐ Create as a JSP Segment

☐ JSP Document (XML Syntax)

Description:

3. MODIFY THE FILE

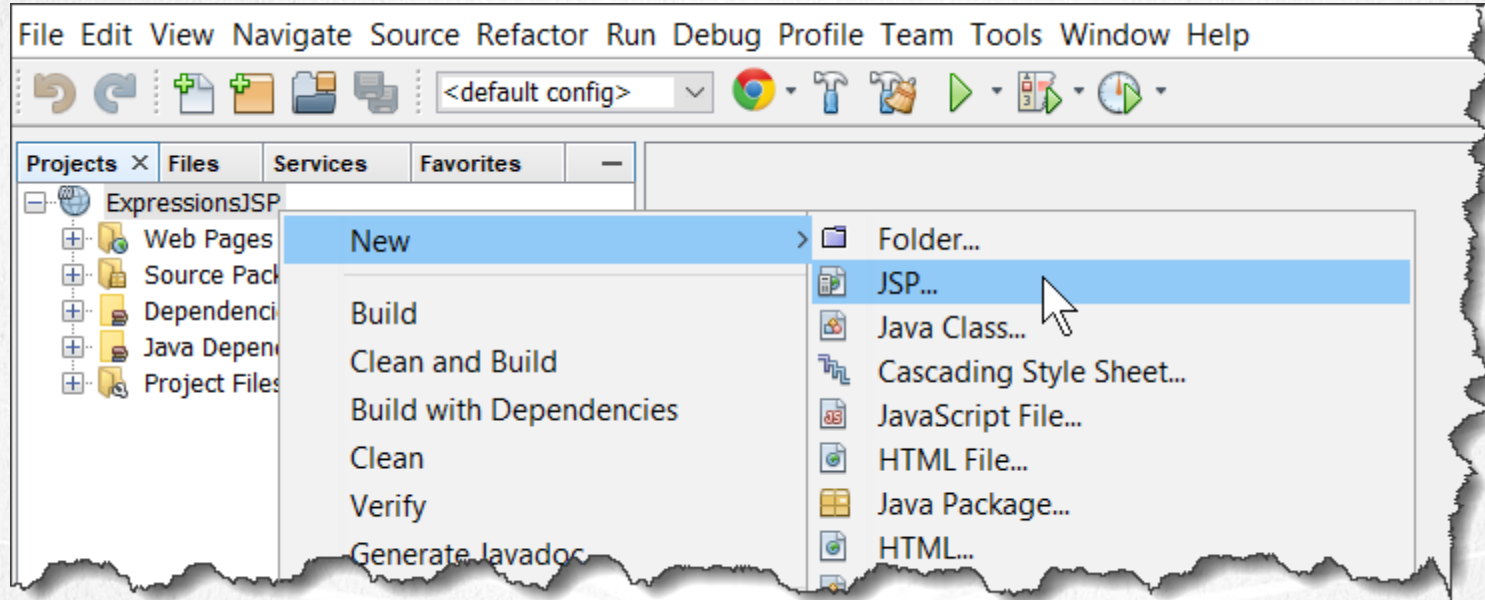
[expresiones.jsp:](#)

Click to download

```
<!DOCTYPE html>
<html>
  <head>
    <title>Expressions with JSPs</title>
    <meta charset="utf-8" />
  </head>
  <body>
    <h1>Expressions with JSPs</h1>
    Concatenation: <%= "Saludos" + "JSP" %>
    <br>
    Mathematical Operations: <%= 2 * 3 / 2 %>
    <br>
    Session id: <%= session.getId() %>
    <br>
    <br>
    <a href="index.html">Return to index</a>
  </body>
</html>
```


4. CREATE A NEW JSP

Create a new JSP:



4. CREATE A NEW JSP (CONT)

Create a new JSP:

New JSP

Steps

1. Choose File Type
2. **Name and Location**

Name and Location

File Name:

Project:

Location:

Folder:

Created File:

Options:

☒ JSP File (Standard Syntax) ☐ Create as a JSP Segment

☐ JSP Document (XML Syntax)

Description:

5. MODIFY THE FILE

[processForm.jsp:](#)

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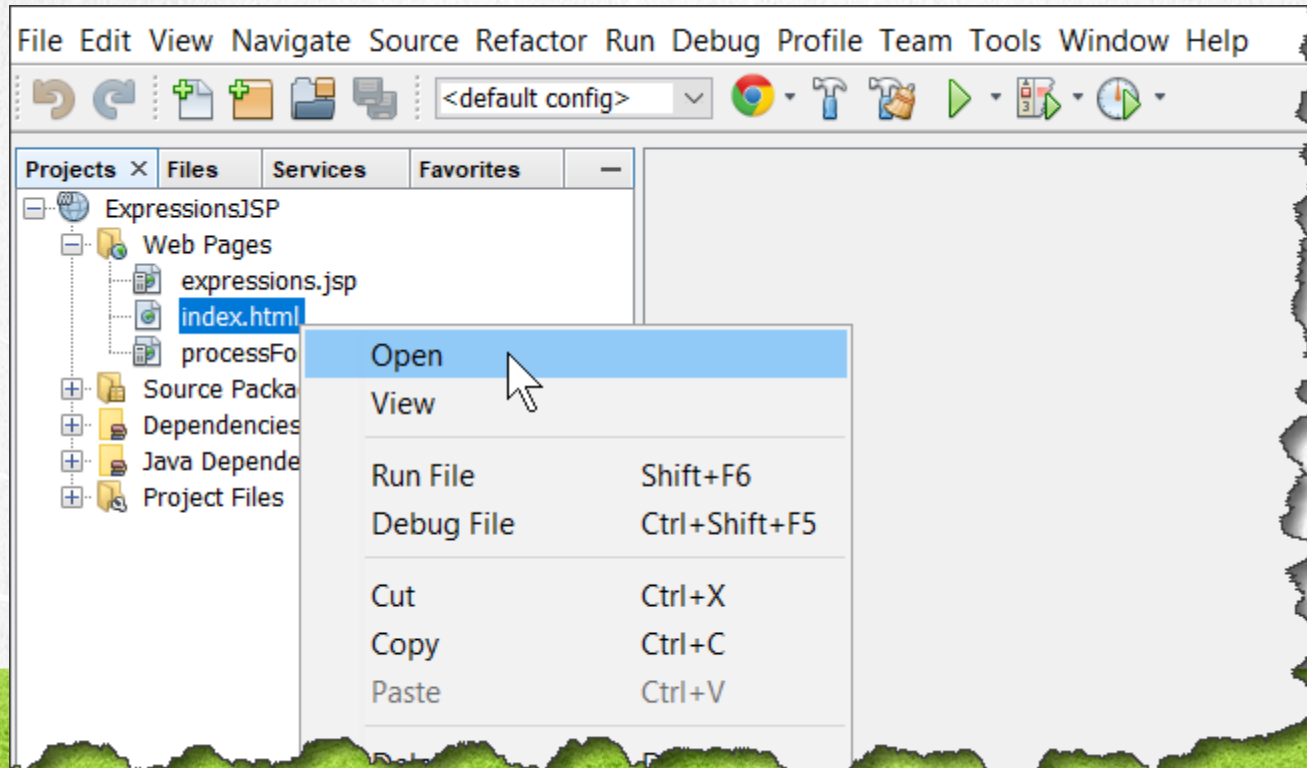
```
<!DOCTYPE html>
<html>
  <head>
    <title>Process Form</title>
    <meta charset="utf-8" />
  </head>
  <body>
    <h1>Result of Processing Form</h1>
    User: <%= request.getParameter("user") %>
    <br>
    Password: <%= request.getParameter("password") %>
    <br>
    <br>
    <a href="index.html">Return to index</a>
  </body>
</html>
```

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6. MODIFY THE FILE

Modify the index.html file:



6. MODIFY THE FILE

[index.html:](#)

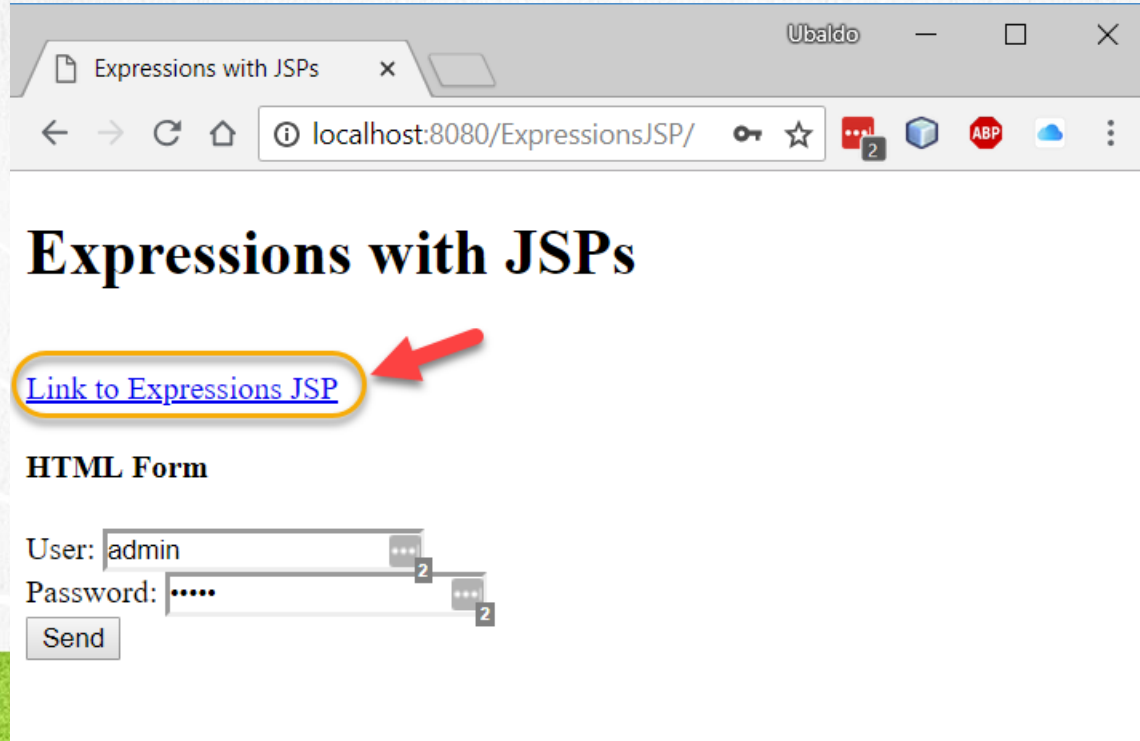
Click to download

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Expressions with JSPs</title>
  </head>
  <body>
    <h1>Expressions with JSPs</h1>
    <br>
    <a href="expressions.jsp">Link to Expressions JSP</a>
    <br>

    <h4>HTML Form</h4>
    <form name="form1" action="processForm.jsp">
      User: <input type="text" name="user">
      <br>
      Password: <input type="password" name="password">
      <br>
      <input type="submit" value="Send">
    </form>
  </body>
</html>
```

7. EXECUTE THE PROJECT

The result is as follows:



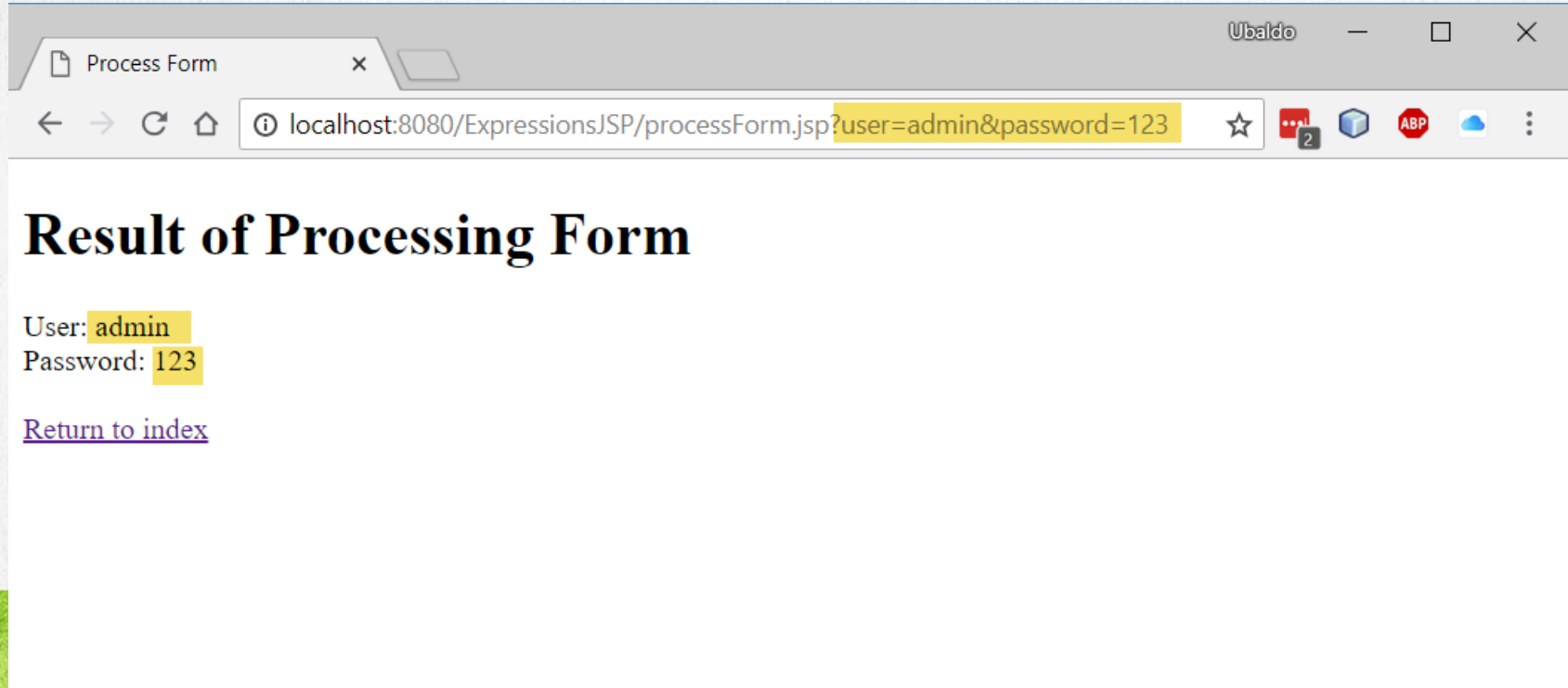
7. EXECUTE THE PROJECT

The result is as follows:



7. EXECUTE THE PROJECT

The result is as follows:



EXERCISE CONCLUSION

- With this exercise we have implemented some elements using JSPs.
- As we progress in the use of JSPs we will see more elements, but in this exercise we put into practice some expressions and the processing of parameters sent from an HTML form.



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ONLINE COURSE

SERVLETS & JSP' S

By: Eng. Ubaldo Acosta



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