

SERVLETS AND JSP COURSE

EXERCISE

INTRODUCTION TO JSP' S

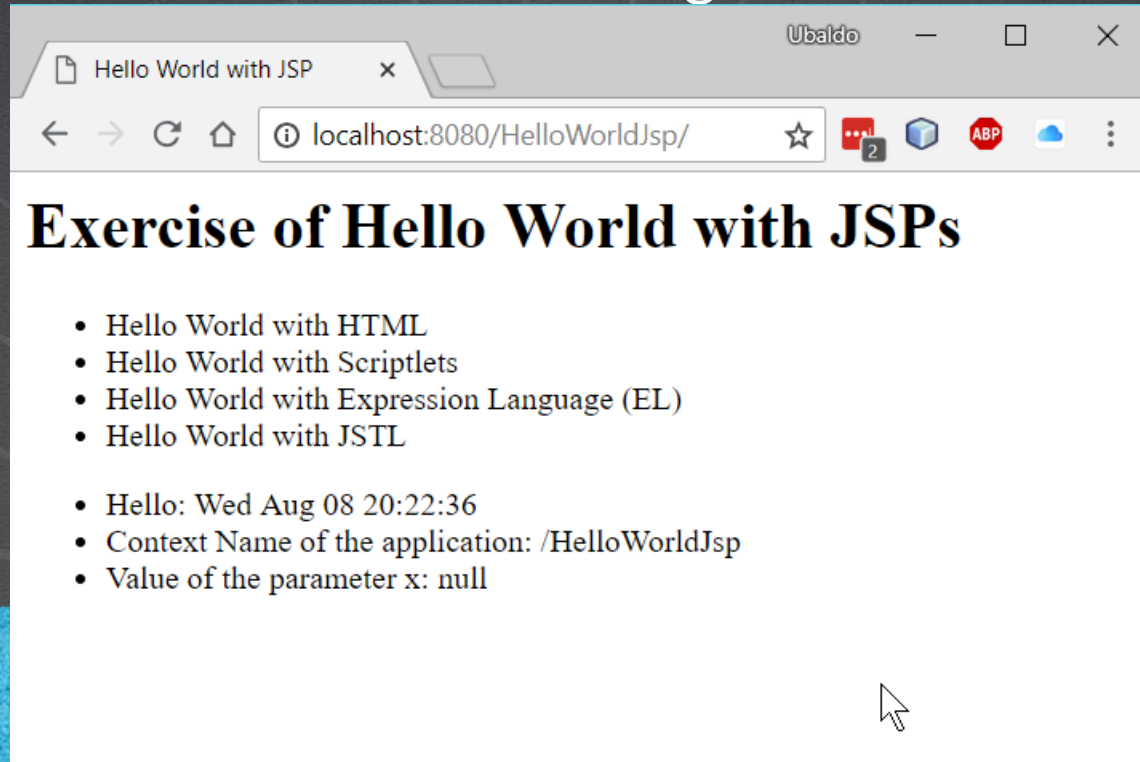


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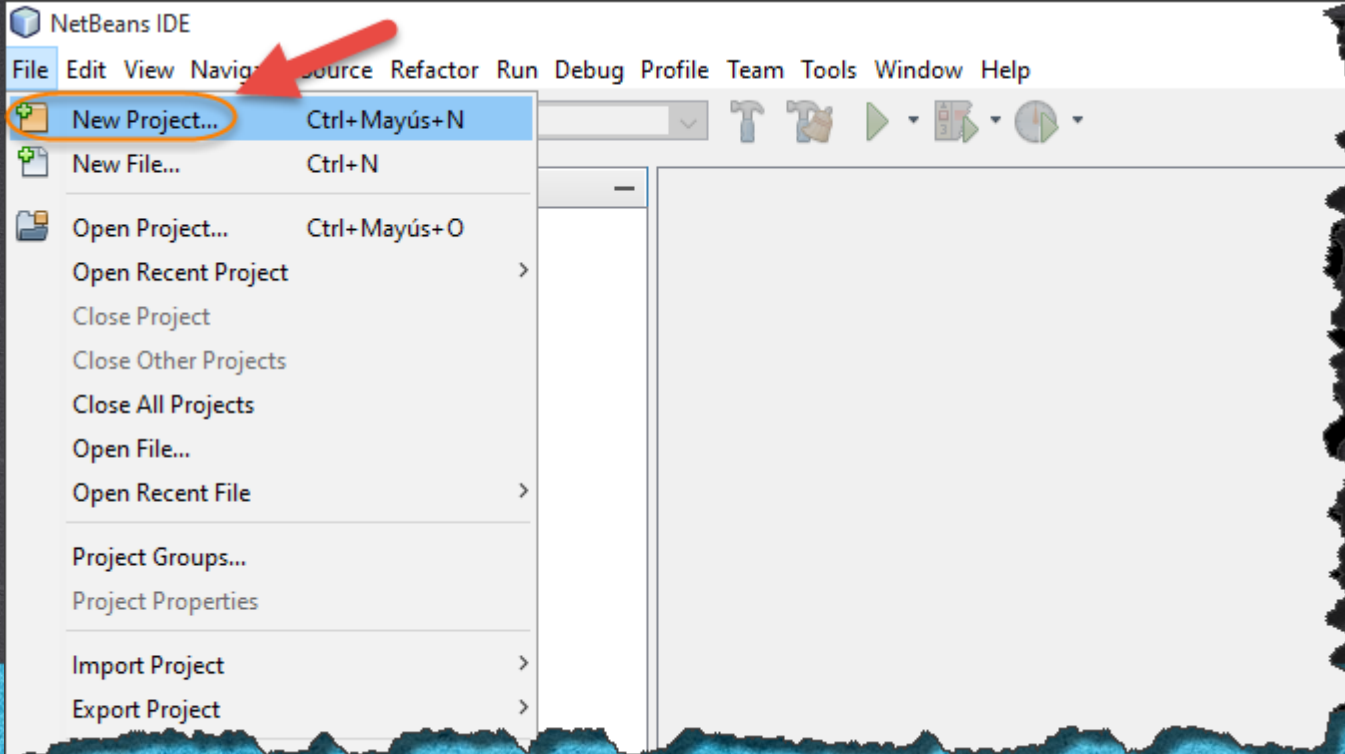
EXERCISE OBJECTIVE

Create an exercise to create a Hello World with JSPs. At the end we should observe the following:



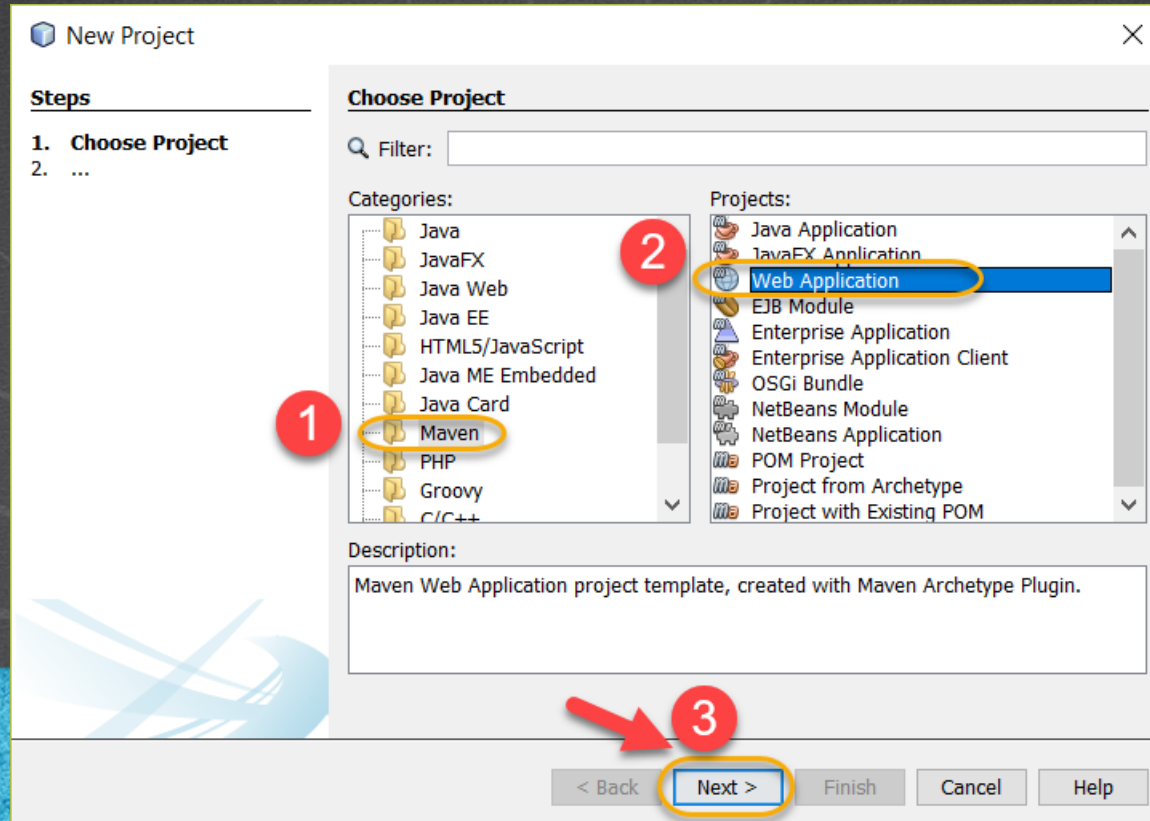
1. CREATE A NEW PROJECT

Vamos a crear el proyecto:



1. CREATE A NEW PROJECT (CONT)

Create a new web Project with Maven:



1. CREATE A NEW PROJECT (CONT)

Create a new project:

New Web Application

Steps

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

Name and Location

Project Name: HelloWorldJsp

Project Location: C:\Courses\Servlets\Lesson11 Browse...

Project Folder: C:\Courses\Servlets\Lesson11\HelloWorldJsp

Artifact Id: HelloWorldJsp

Group Id: web

Version: 1

Package: (Optional)

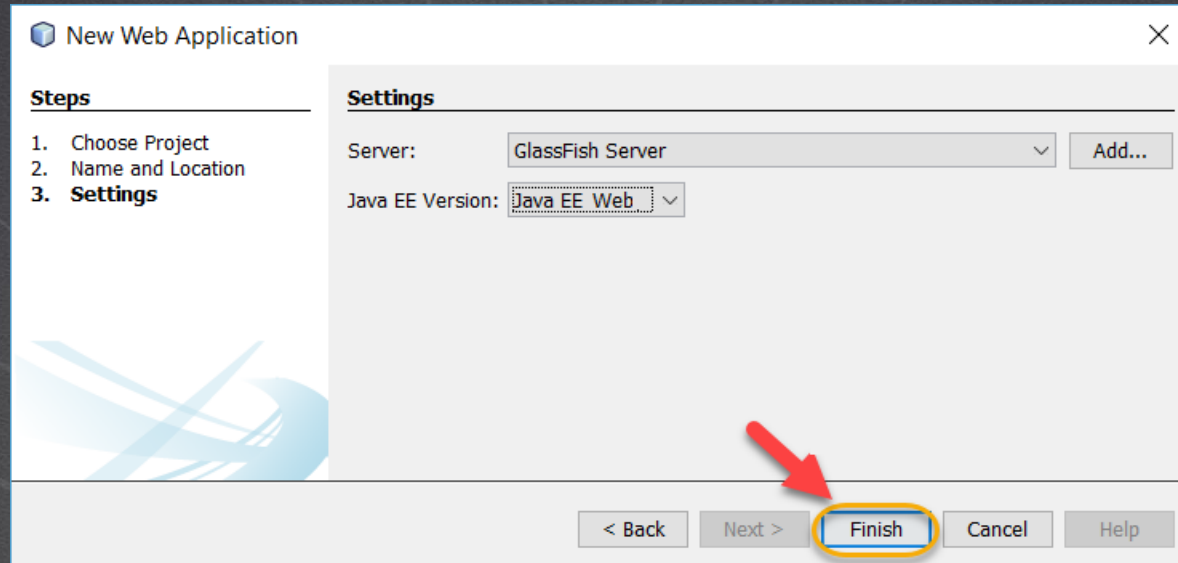
< Back **Next >** Finish Cancel Help

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1. CREATE A NEW PROJECT (CONT)

Create a new project:



New Web Application

Steps

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

Settings

Server: GlassFish Server Add...

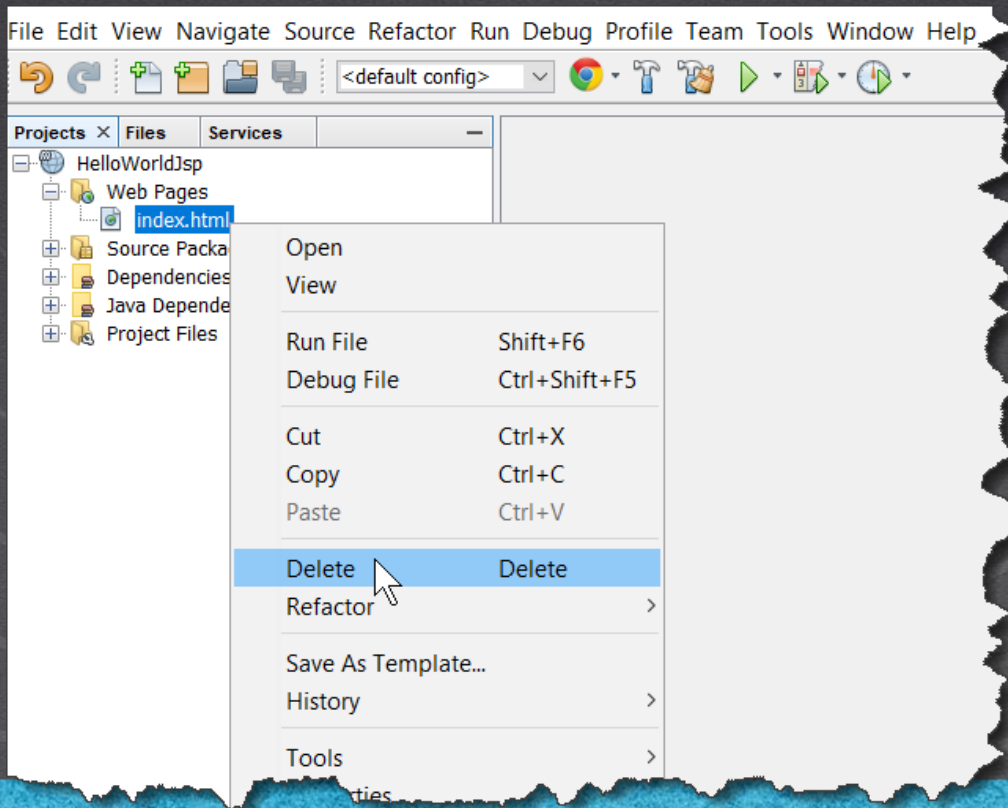
Java EE Version: Java EE Web

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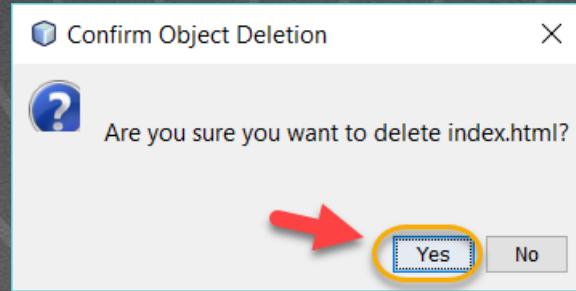
2. DELETE THE INDEX.HTML



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2. DELETE THE INDEX.HTML

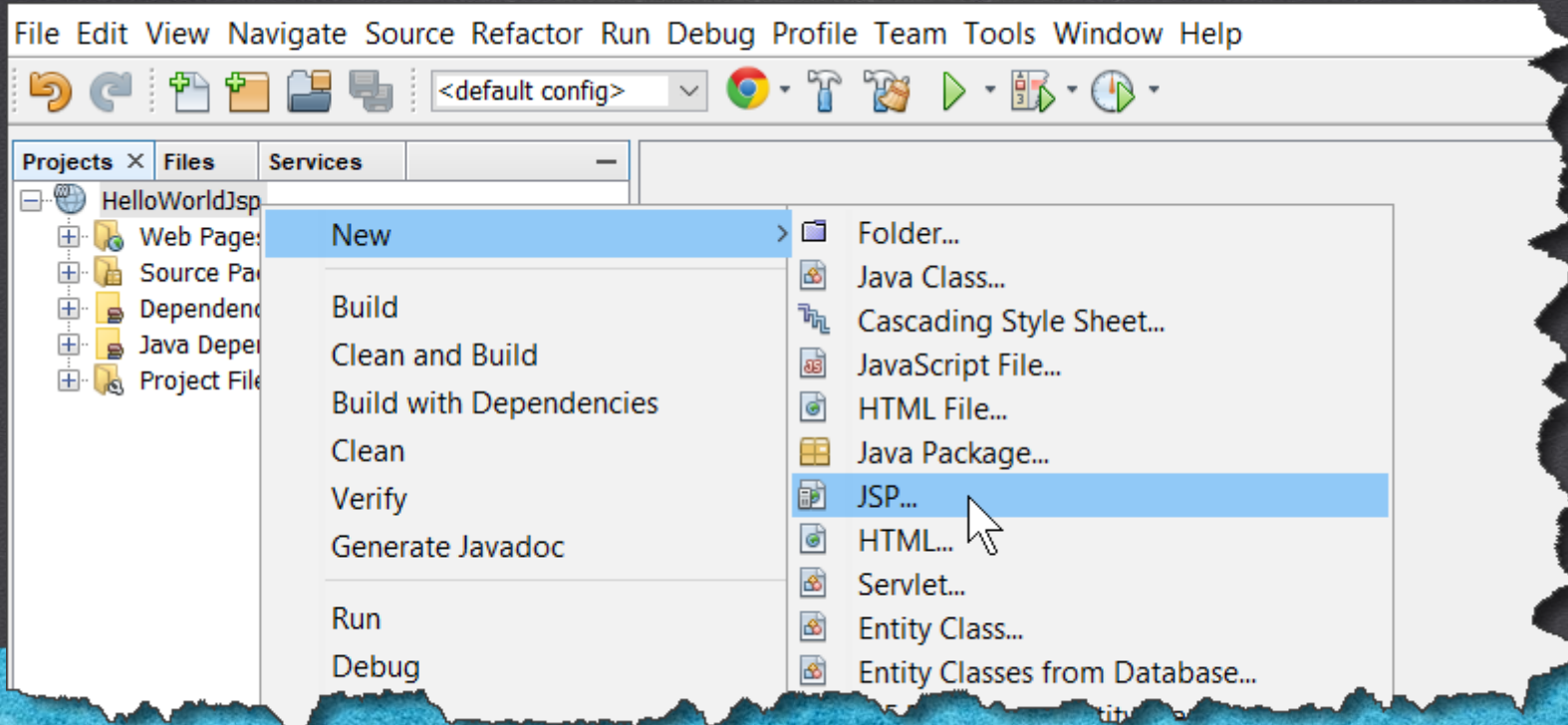


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3. CREATE A NEW JSP

Let's create a new JSP:



3. CREATE A 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:

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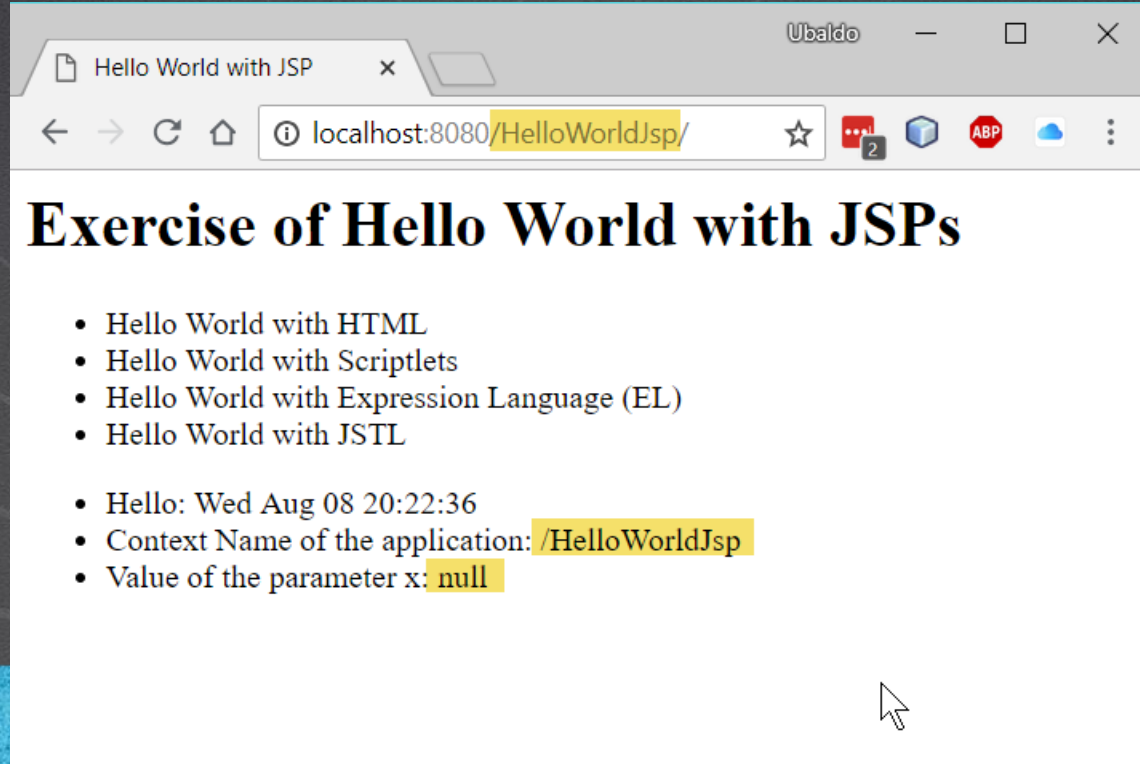
4. MODIFY THE FILE

index.jsp:

```
<%@taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Hello World with JSP</title>
  </head>
  <body>
    <h1>Exercise of Hello World with JSPs</h1>
    <!--Printing String messages with different technologies-->
    <ul>
      <li> Hello World with HTML
      <li> <% out.print("Hello World with Scriptlets"); %>
      <li> ${"Hello World with Expression Language (EL)"}
      <li> <c:out value="Hello World with JSTL" />
    </ul>
    <!--Some server-side values -->
    <ul>
      <li> Hello: <%= new java.util.Date() %>
      <li> Context Name of the application:
        <%= request.getContextPath() %>
      <li> Value of the parameter x:
        <%= request.getParameter("x") %>
    </ul>
  </body>
</html>
```

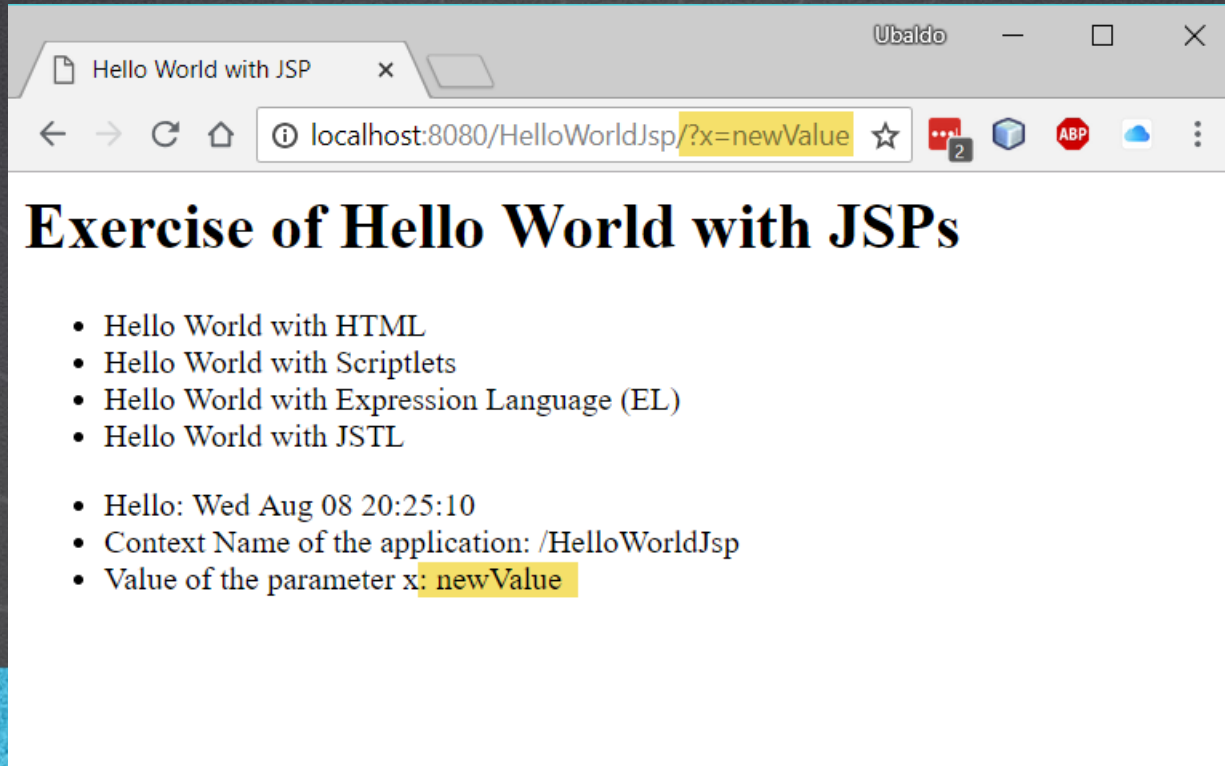

5. EXECUTE THE PROJECT

The result is as follows:



5. EXECUTE THE PROJECT

Now we pass a parameter and see the result:



EXERCISE CONCLUSION

- With this exercise we have created our first JSP.
- We could observe that the compilation of the same was totally transparent for us, nevertheless we must remember that when a JSP is executed there is a compilation to a class that is the equivalent Servlet and it is the servlet that is finally executed.
- We will be moving forward on more JSP topics throughout this lesson.

ONLINE COURSE

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By: Eng. Ubaldo Acosta



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