SERVLETS AND JSP COURSE

EXERCISE

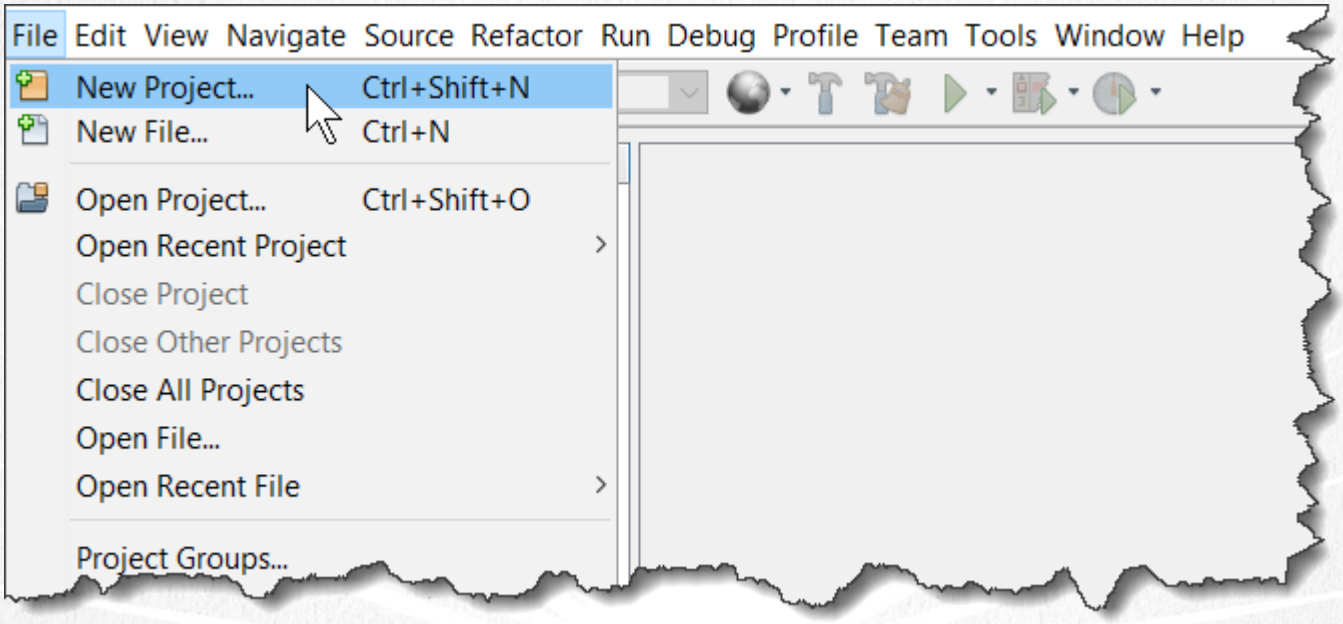
DYNAMIC INCLUSION WITH JSP's

EXERCISE OBJECTIVE

Create a program to practice dynamic inclusion using JSP's. At the end we should observe the following:

1. CREATE A NEW PROJECT

Create a new project:



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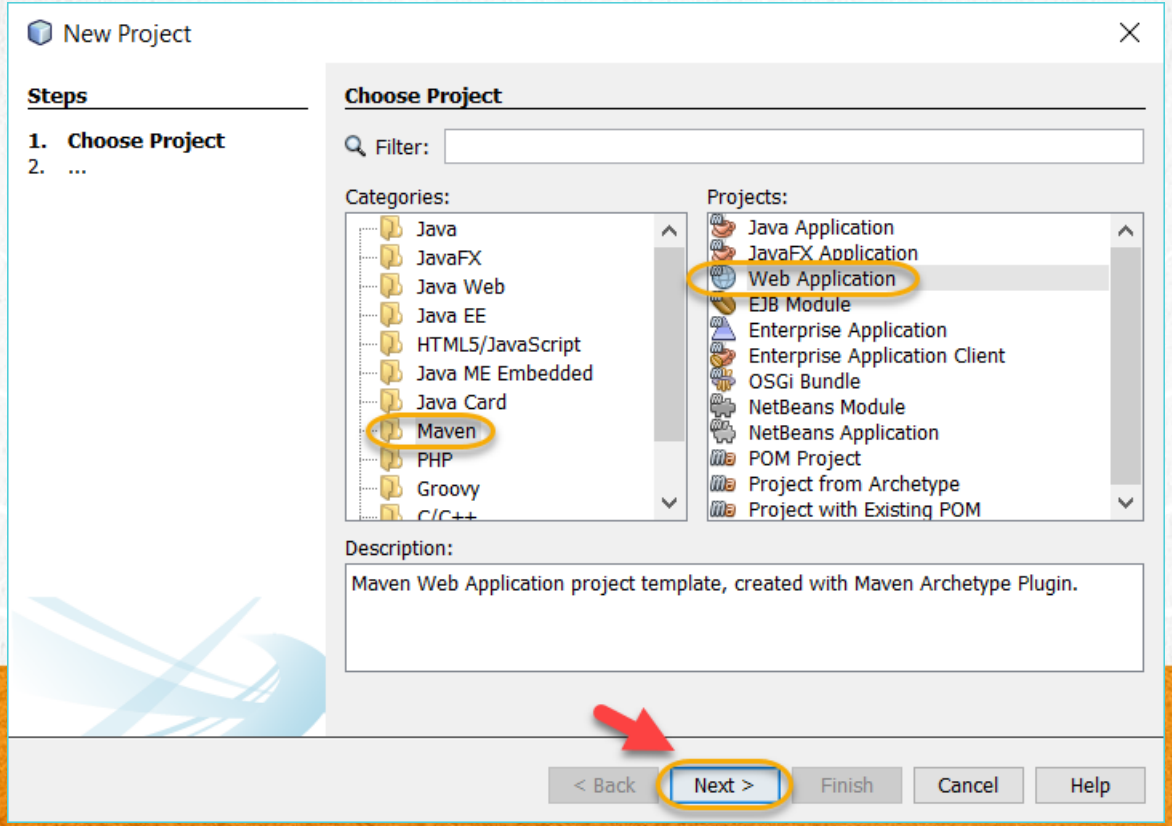

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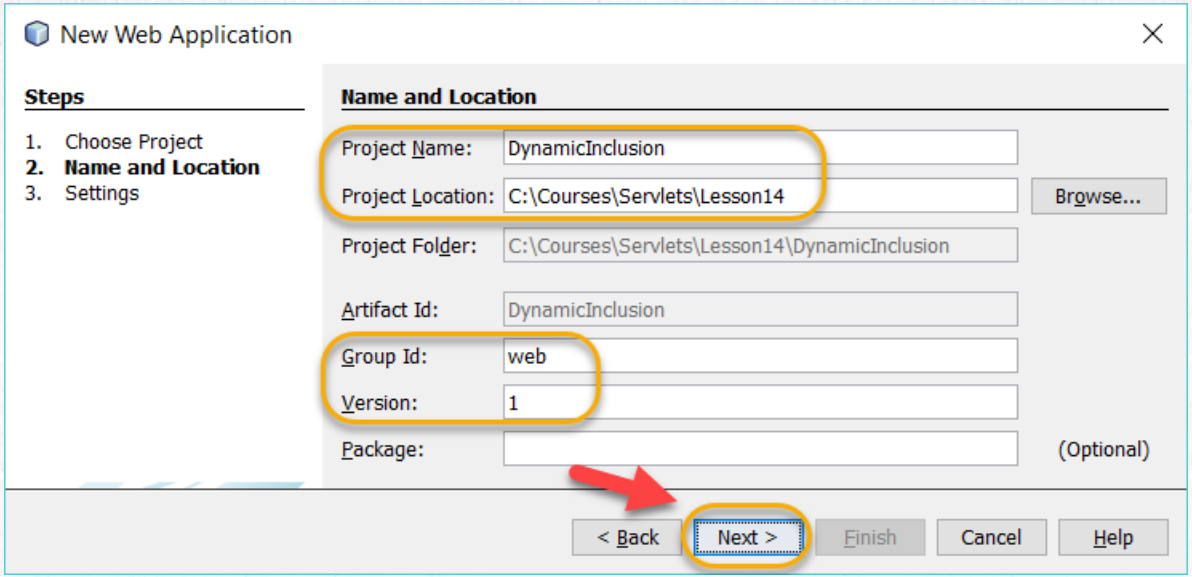

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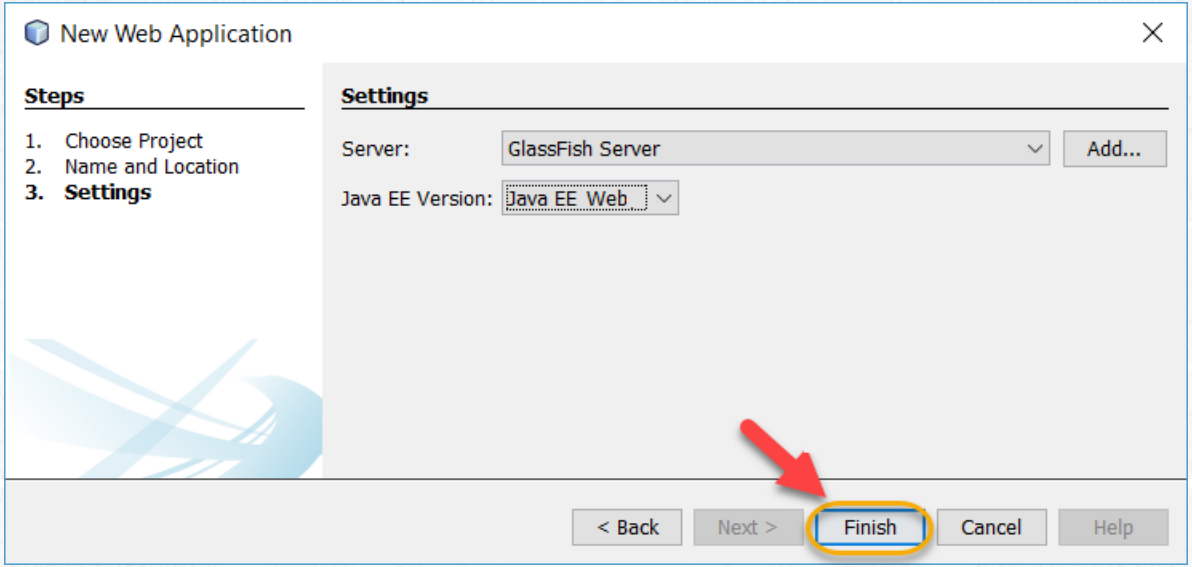
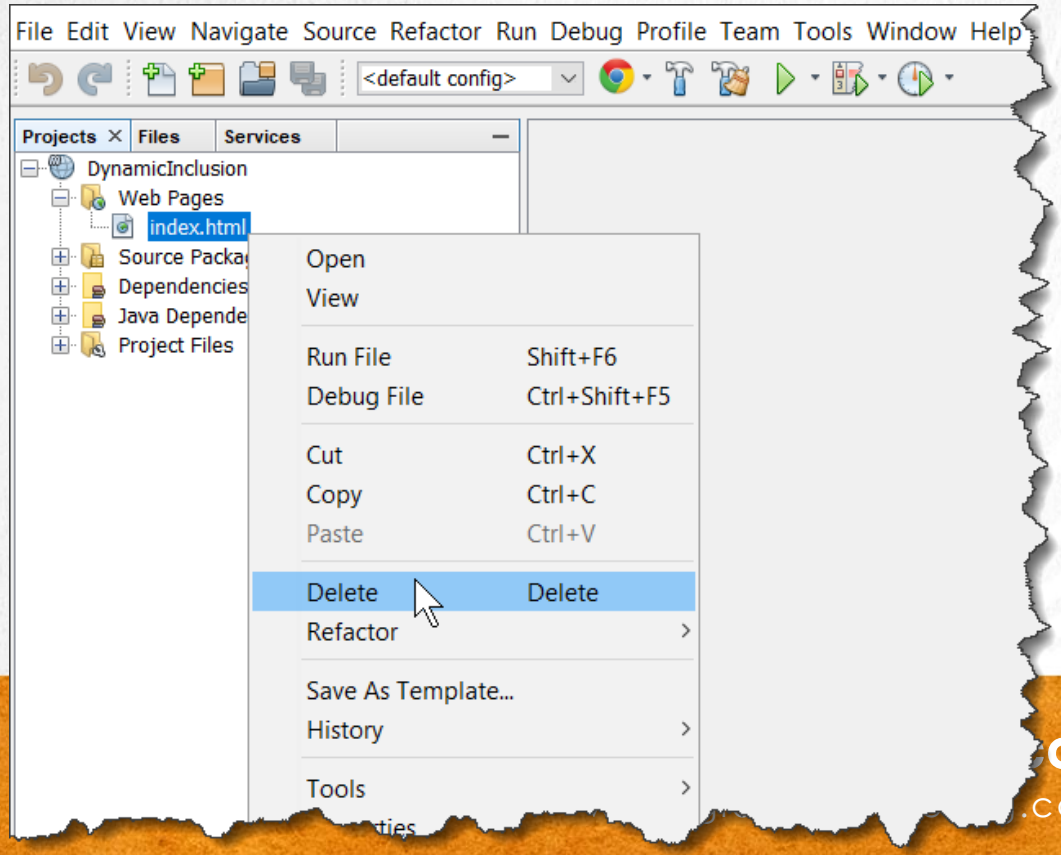
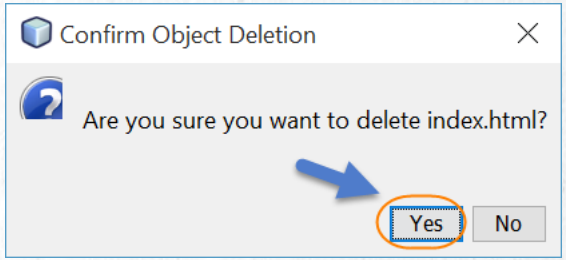


2. DELETE THE INDEX.HTML FILE

Delete the index.html file:





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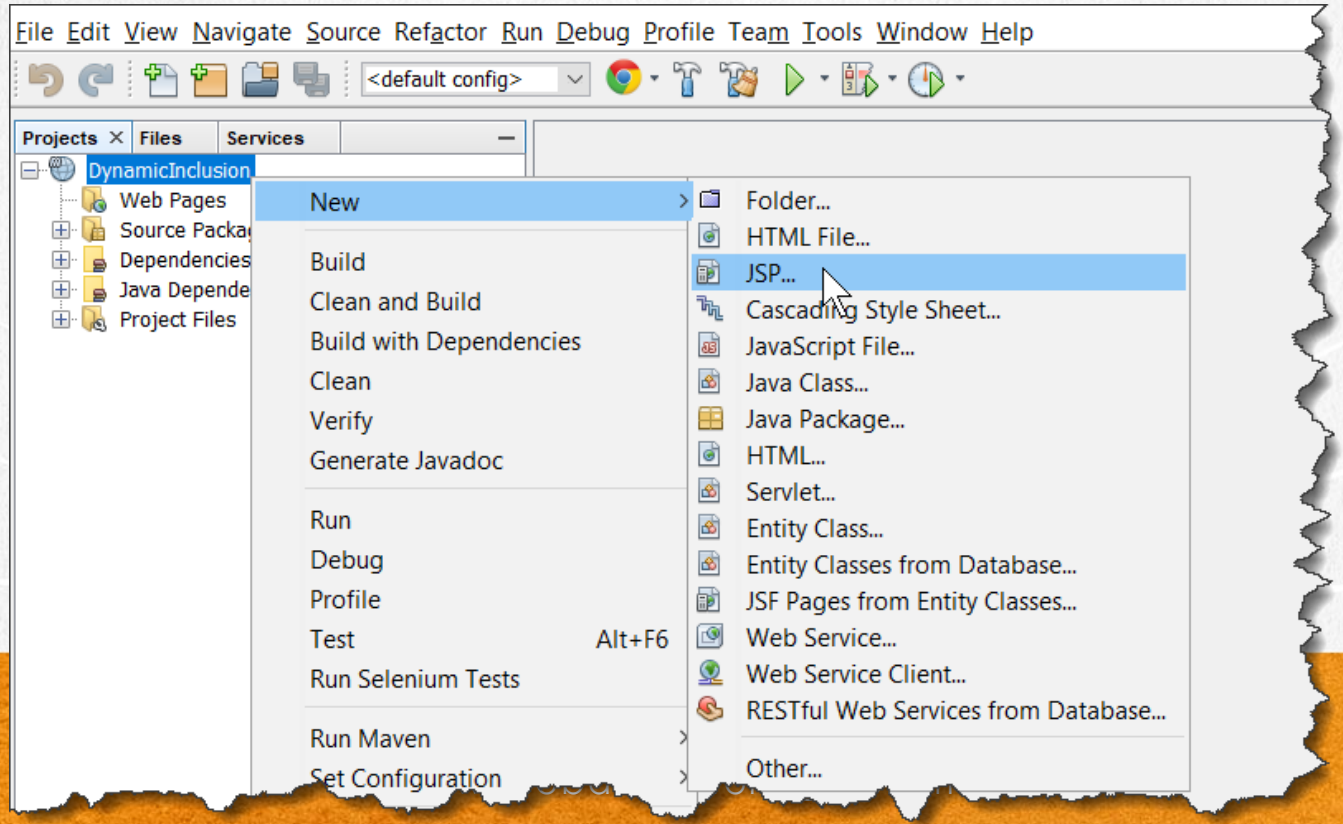
.com.mx

3. CREATE A NEW JSP

Create the publicResource.jsp file:



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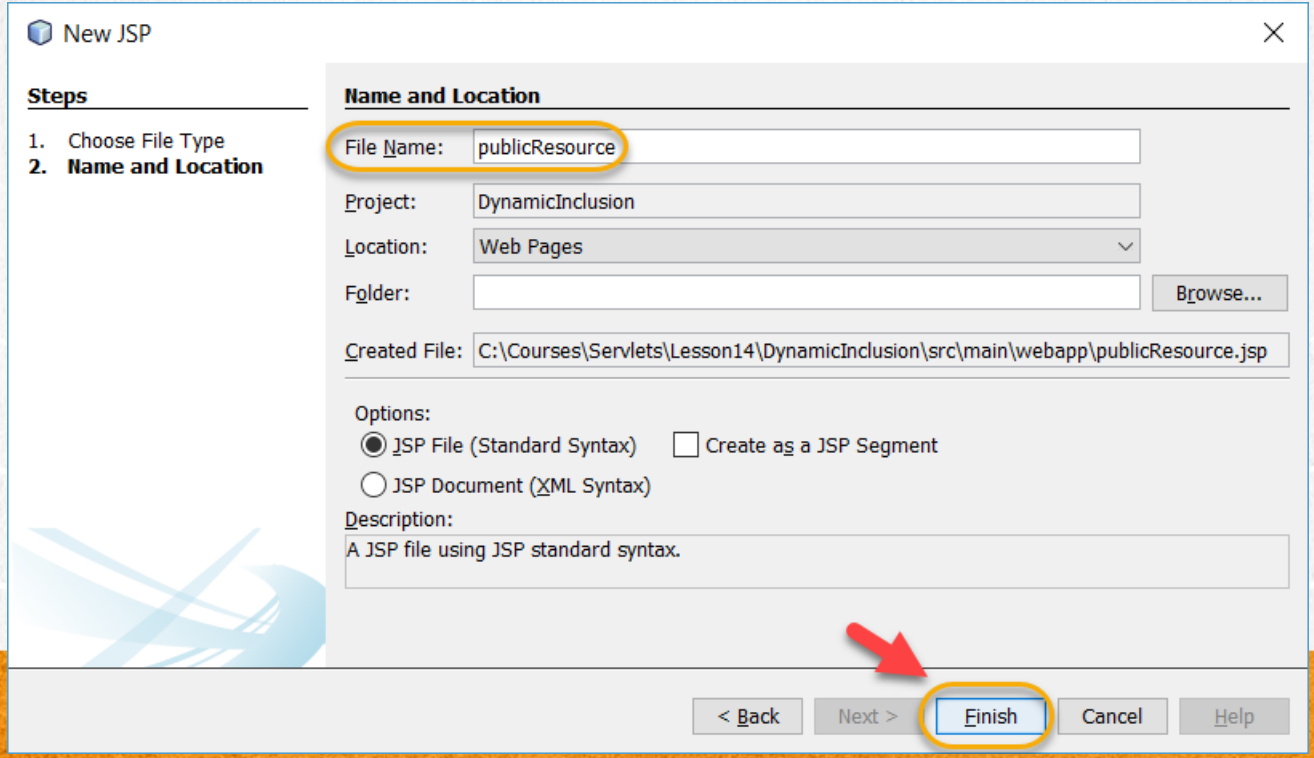


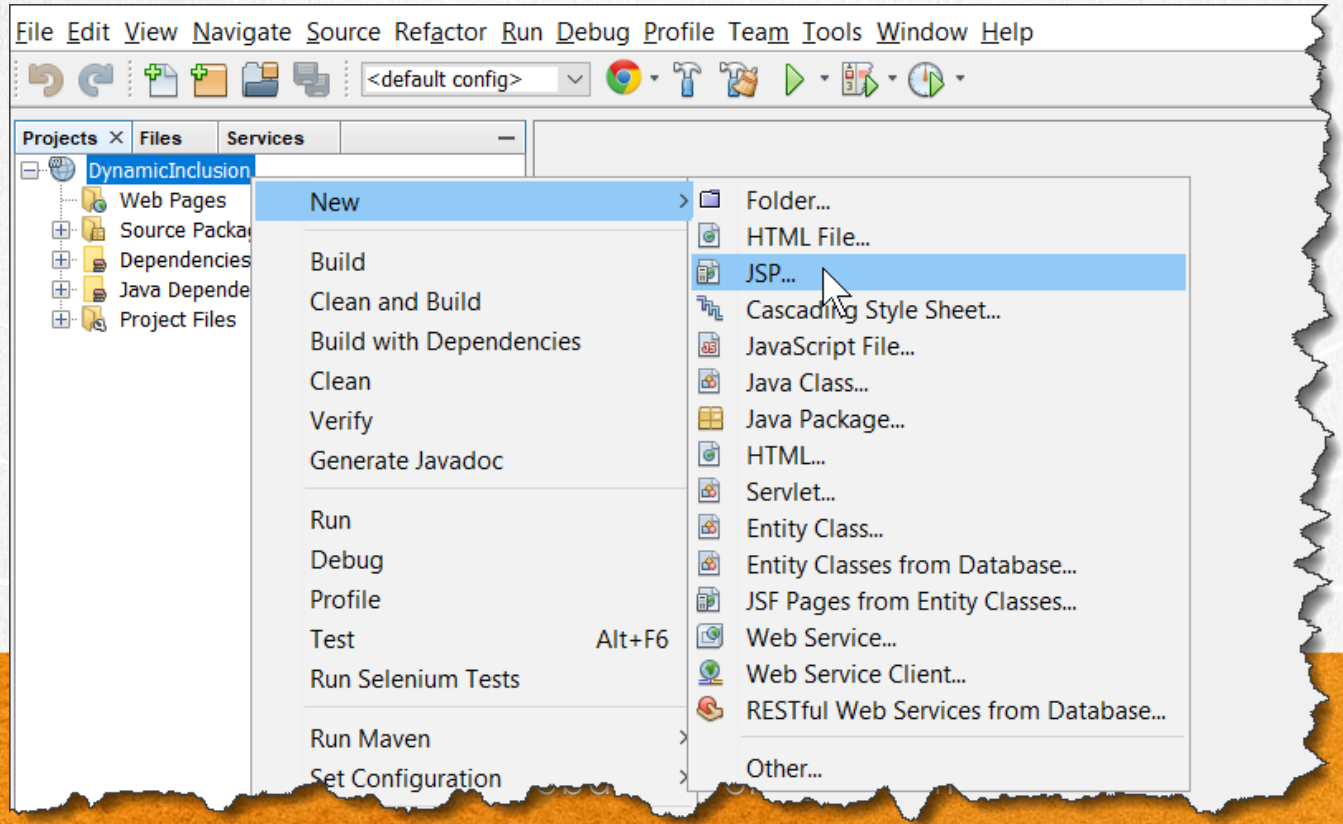
4. MODIFY THE CODE

publicResource.jsp:

```
<br>

Inclusion of Dynamic Content from a public JSP

<br>

Name of the application: <%= request.getContextPath() %>
```

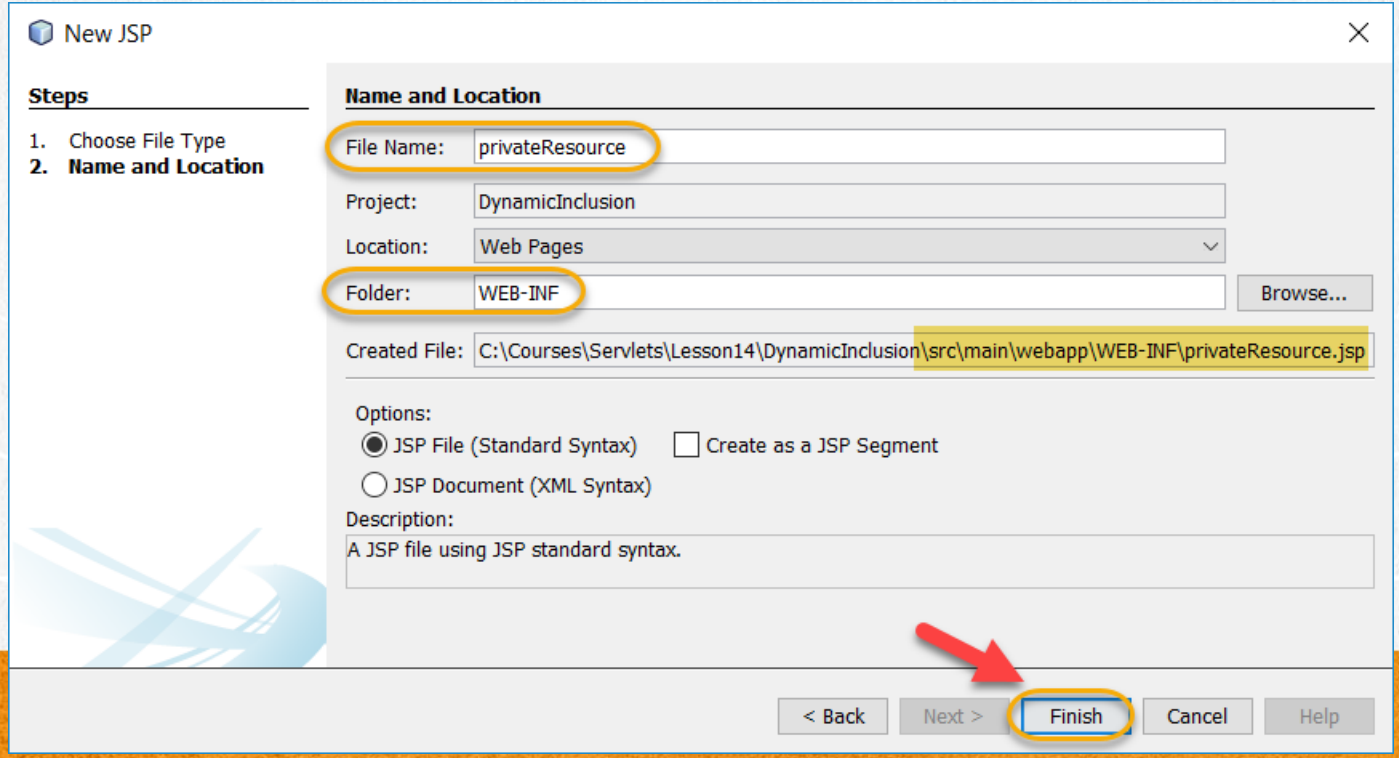
5. CREATE A NEW JSP

Create a new privateResource.jsp:



5. CREATE A NEW JSP

Create the privateResource.jsp file:



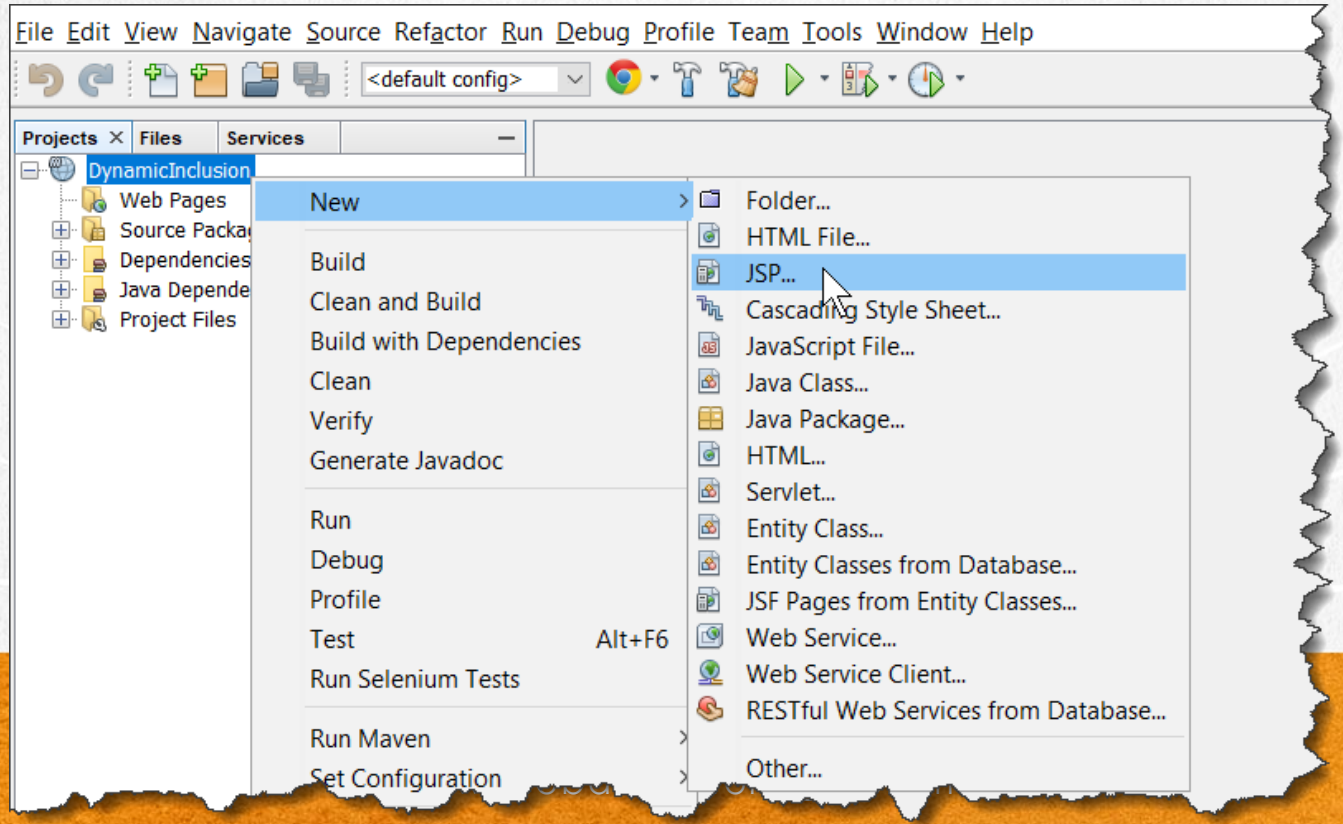
6. MODIFY THE FILE

privateResource.jsp:

```
<%
String backgroundColor = request.getParameter("backgroundColor");
if ( backgroundColor == null || backgroundColor.trim().equals("")){
    backgroundColor = "white"; //valor por default
}
%>

<body bgcolor="<%=backgroundColor%>" >
  Deploying the content from a private JSP in WEB-INF
</body>
```

7. CREATE A NEW JSP

Create the index.jsp:



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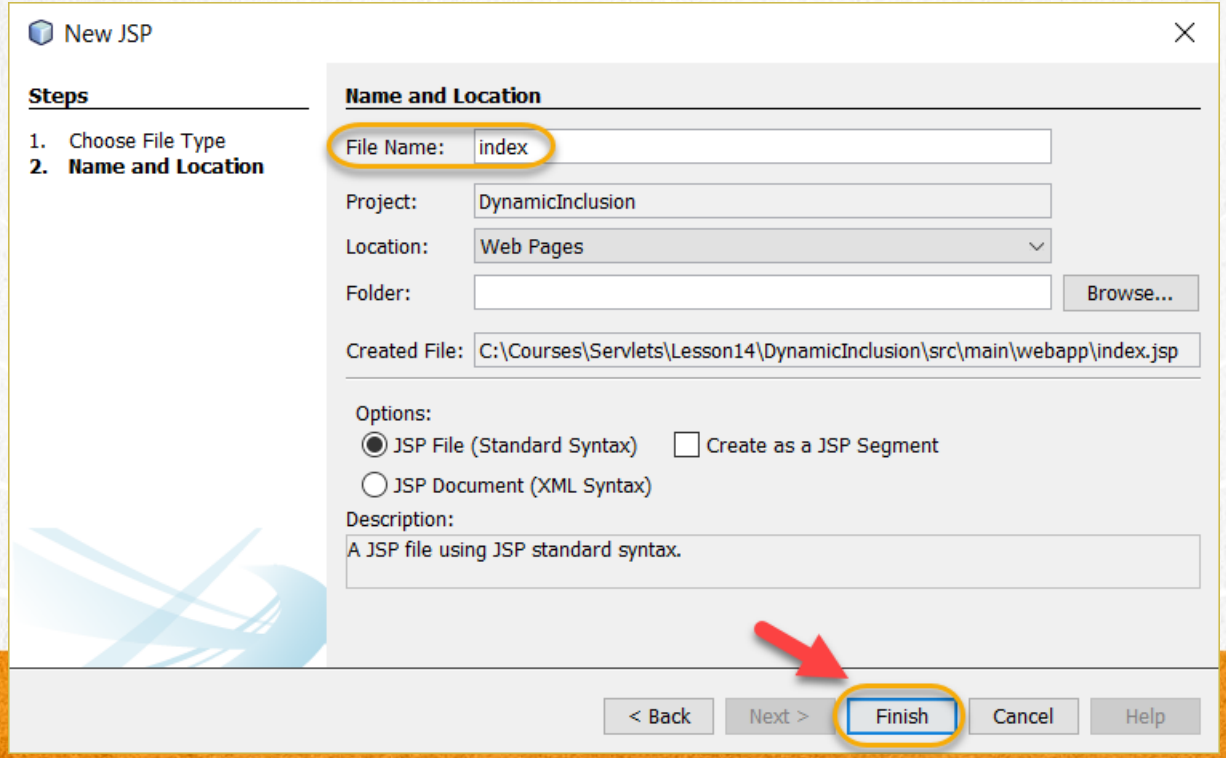


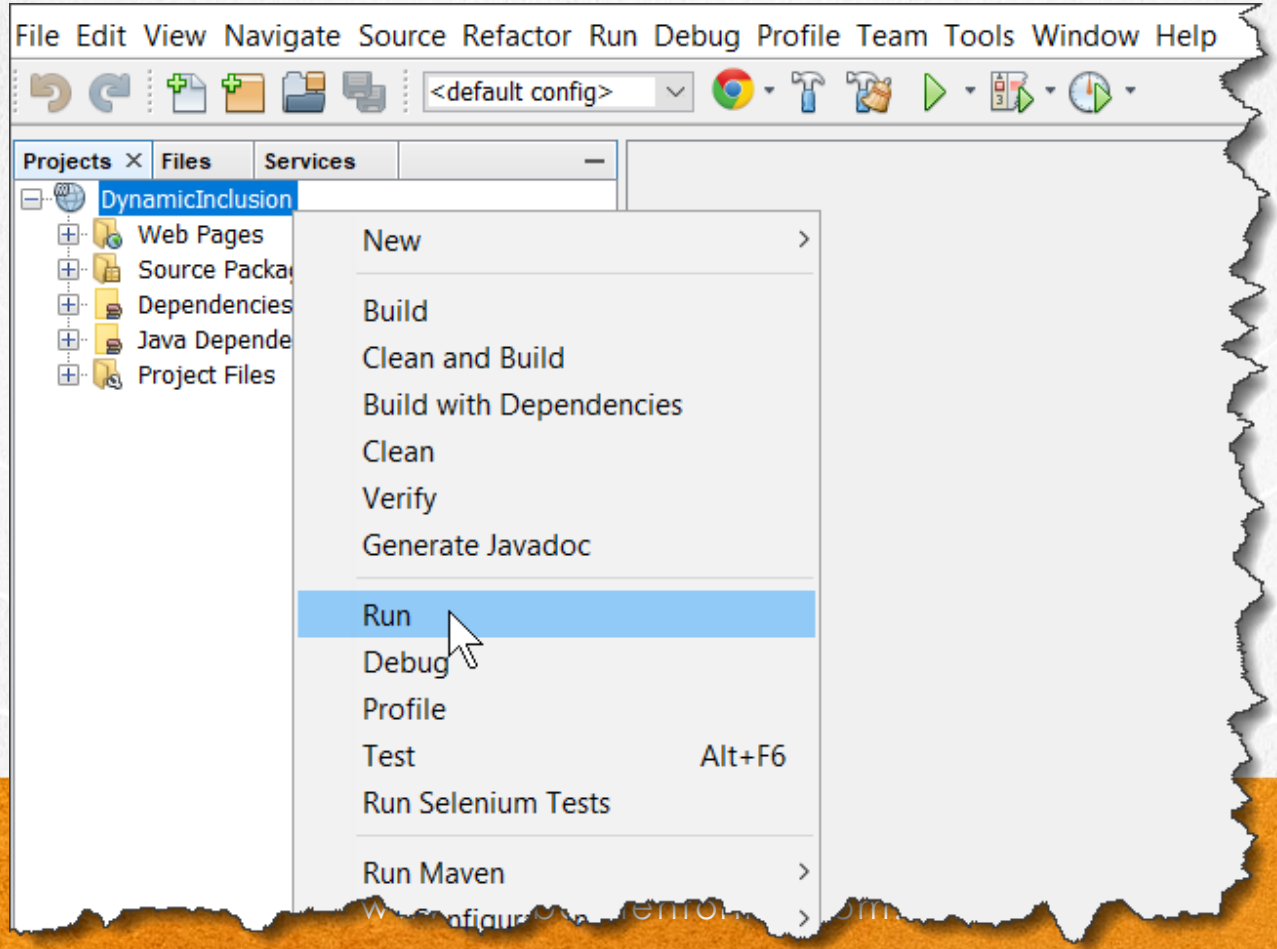
8. MODIFY THE CODE

index.jsp:

```
<html>
    <head>
        <title>Dynamic Inclusion Example</title>
    </head>
    <body>
      <br>
      <jsp:include page="WEB-INF/privateResource.jsp">
        <jsp:param name="backgroundColor" value="yellow" />
      </jsp:include>

      <br>
      <jsp:include page="publicResource.jsp" />
    </body>
</html>
```

9. EXECUTE THE PROJECT



9. EXECUTE THE PROJECT

EXERCISE CONCLUSION

As this exercise we have seen how to put into practice the concept of Dynamic Inclusion using JSPs.

We saw how unlike static inclusion, each JSP (compiled servlet) runs independently, so it is even possible to send parameters to the JSPs included in the main JSP.

CURSO ONLINE

SERVLETS & JSP

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