

SERVLETS AND JSP COURSE

EXERCISE

STATIC INCLUSION WITH JSP' S



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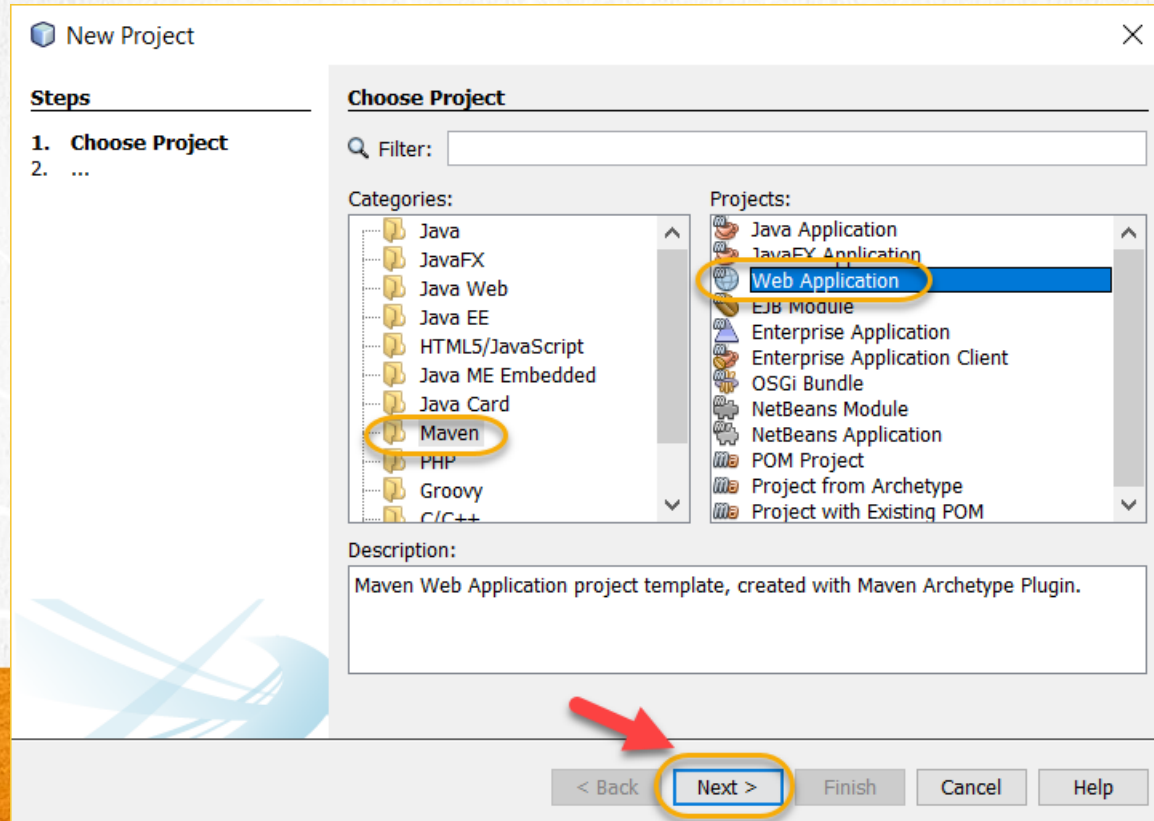
EXERCISE OBJECTIVE

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



1. CREATE A NEW PROJECT

Create a new project:



1. CREATE A NEW PROJECT (CONT)

Create a new project:

New Web Application [X]

Steps

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

Name and Location

Project Name:

Project Location:

Project Folder:

Artifact Id:

Group Id:

Version:

Package: (Optional)

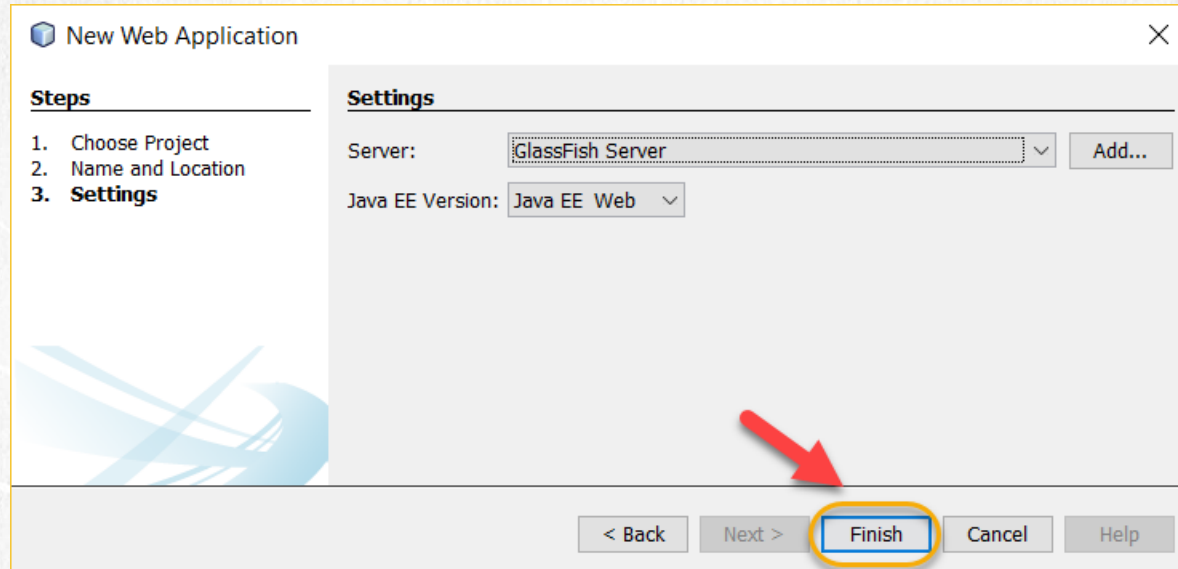
< Back **Next >** Finish Cancel Help

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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

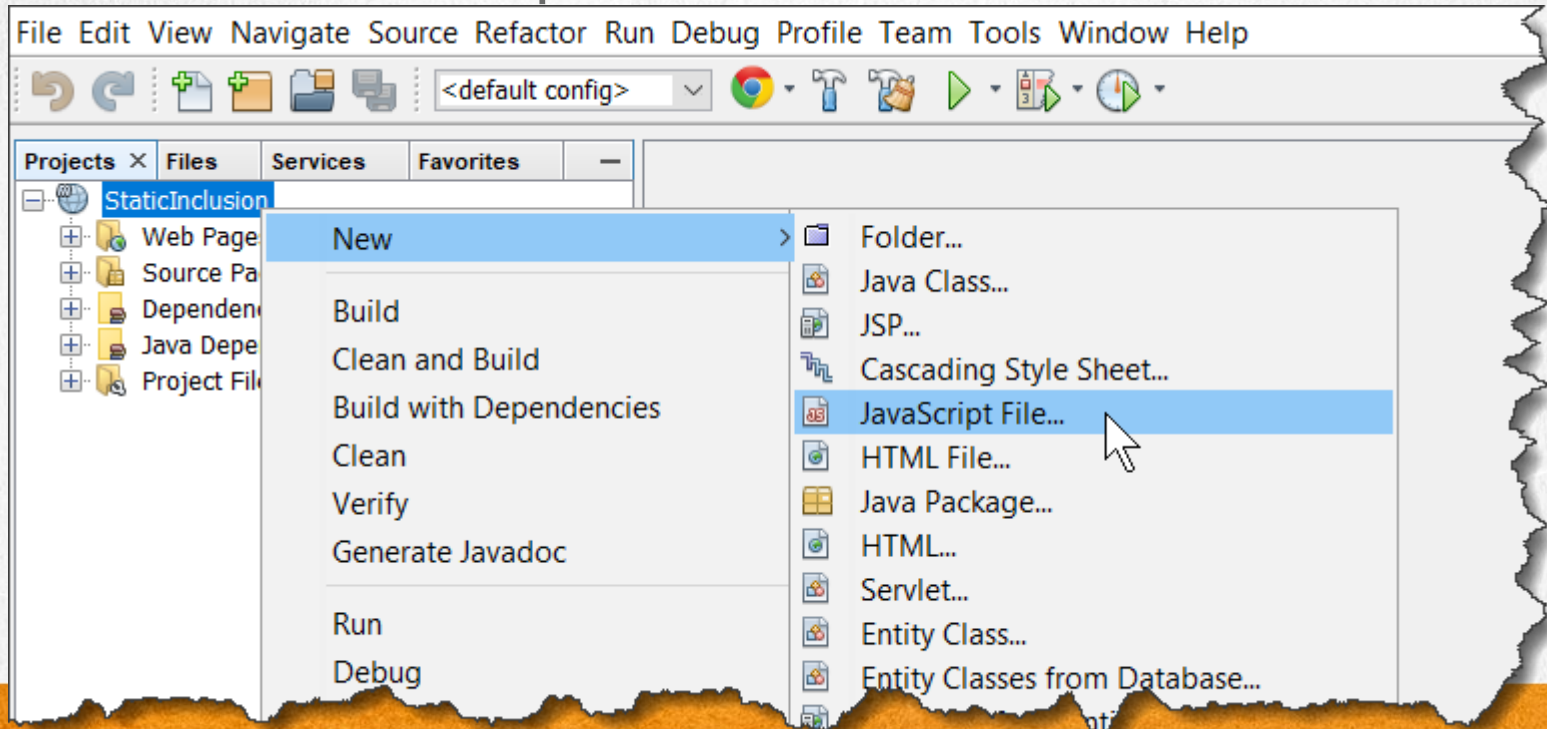
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2. CREATE A NEW JAVASCRIPT FILE

Create a new JavaScript file:

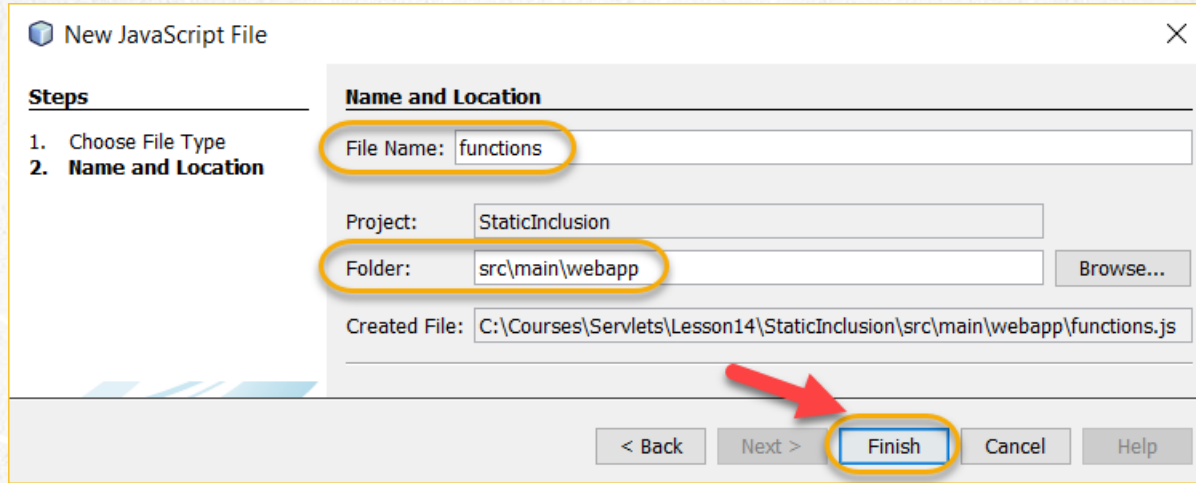


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2. CREATE A NEW JAVASCRIPT FILE

Create a new JavaScript file:



New JavaScript File

Steps

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

Name and Location

File Name:

Project:

Folder:

Created File:

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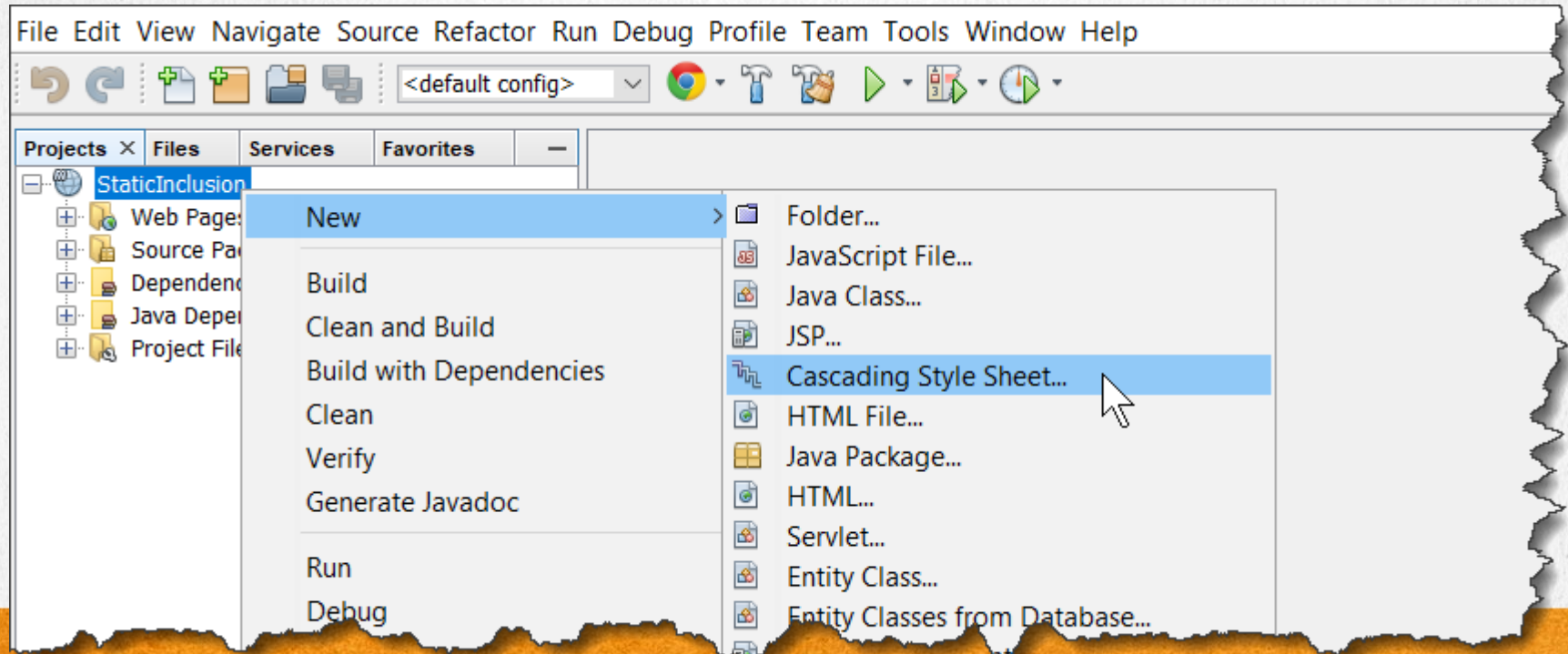
3. MODIFY THE CODE

functions.js:

```
function display(category){  
    var menu = document.getElementById(category);  
    if(menu.className == "show_menu"){  
        menu.className = "hide_menu";  
    }  
    else{  
        menu.className = "show_menu";  
    }  
}
```


4. CREATE A NEW CSS FILE

Create a new CSS file:



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4. CREATE A NEW CSS FILE

Create a new CSS file:

New Cascading Style Sheet

Steps

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

Name and Location

File Name:

Project:

Folder:

Created File:

< Back Next > **Finish** Cancel Help

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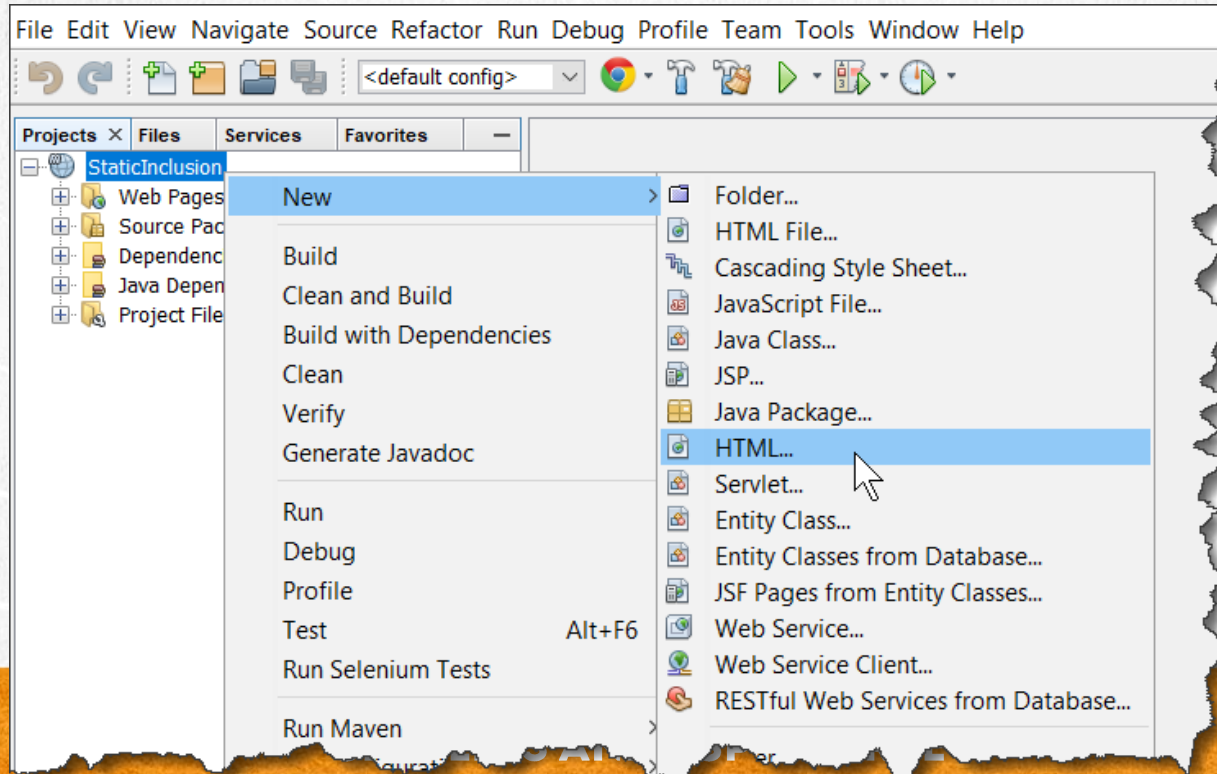
5. MODIFY THE CODE

styles.css:

```
.show_menu {  
    display: block;  
}  
  
.hide_menu {  
    display: none;  
}
```


6. CREATE AN HTML FILE

Create the news1.html file:



6. CREATE AN HTML FILE

Create the news1.html file:

New HTML File

Steps

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

Name and Location

File Name:

Project:

Folder:

Created File:

< Back Next > **Finish** Cancel Help

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7. MODIFY THE CODE

news1.html:

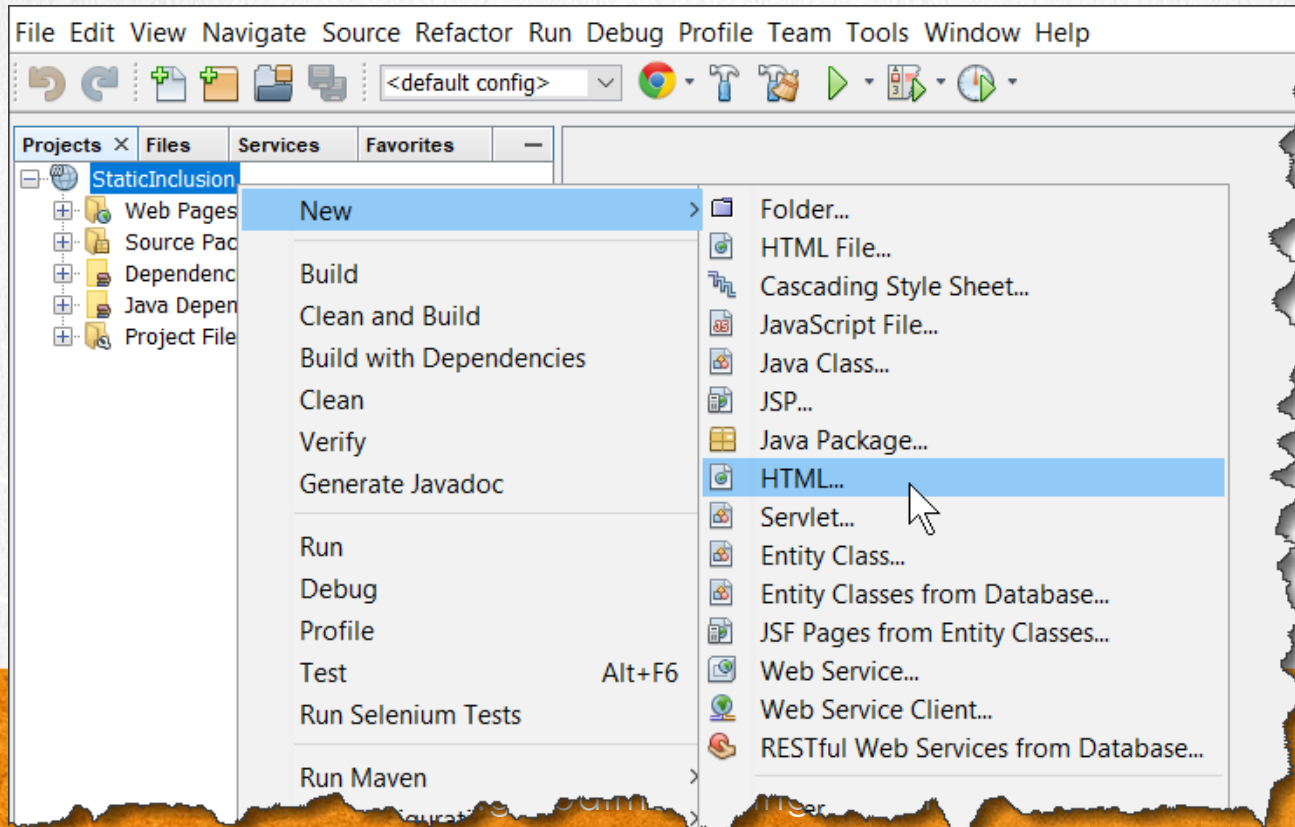
```
<!-- We do not need to add all the initial html tags -->  
  
<B>Java University</B>  
<A HREF="http://universidadjava.com" target="_blank">  
for more information...</A>
```

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8. CREATE AN HTML FILE

Create the news2.html file:



8. CREATE AN HTML FILE

Create the news2.html file:

New HTML File

Steps

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

Name and Location

File Name:

Project:

Folder:

Created File:

< Back Next > **Finish** Cancel Help

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9. MODIFY THE CODE

news2.html:

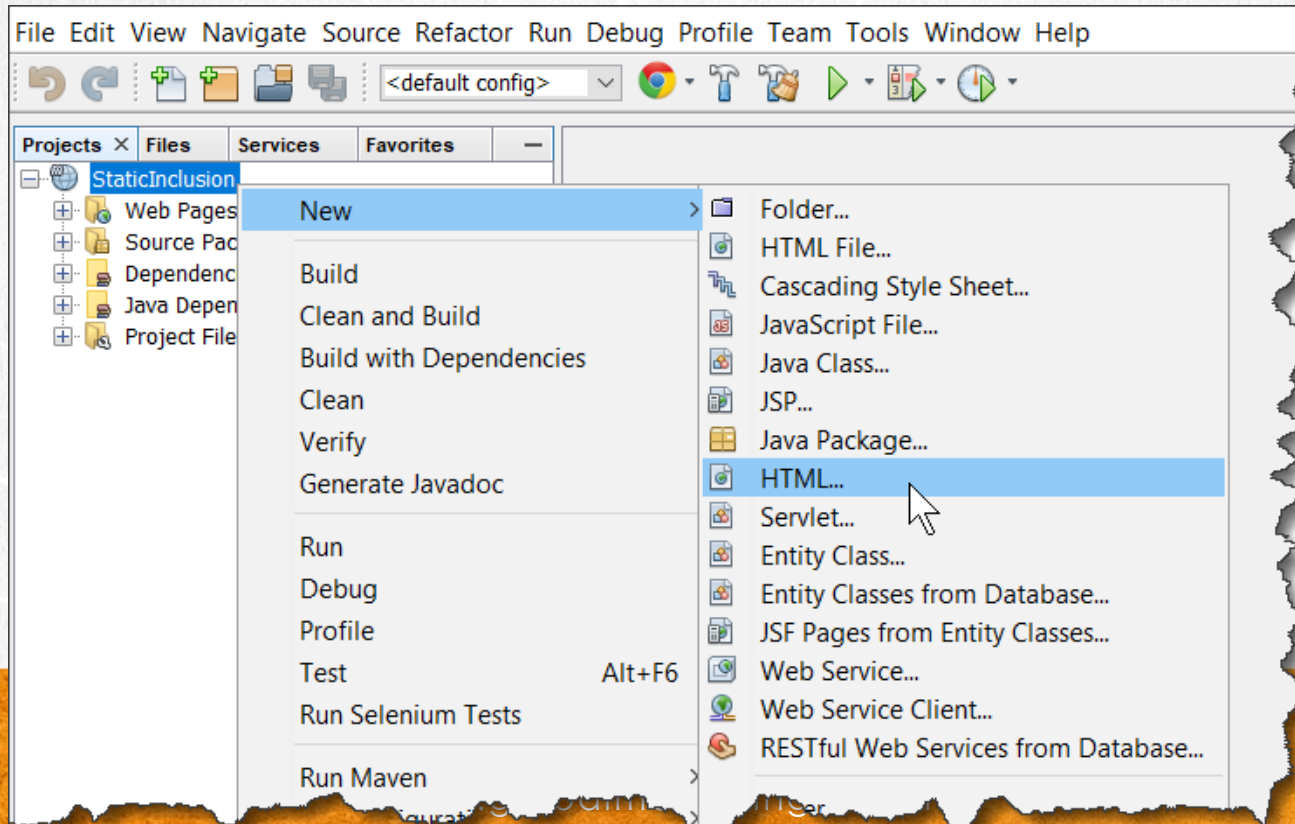
```
<!-- We do not need to add all the initial html tags -->  
  
<B>Java Courses</B> for professional programmers at Global Mentoring  
<A HREF="http://globalmentoring.com.mx" target="_blank">  
for more information...</A>
```

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10. CREATE AN HTML FILE

Create the video1.html file:



10. CREATE AN HTML FILE

Create the video1.html file:

New HTML File

Steps

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

Name and Location

File Name:

Project:

Folder:

Created File:

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11. MODIFY THE FILE

video1.html:

```
Java University <B>Video</B> : <br/><br>
```

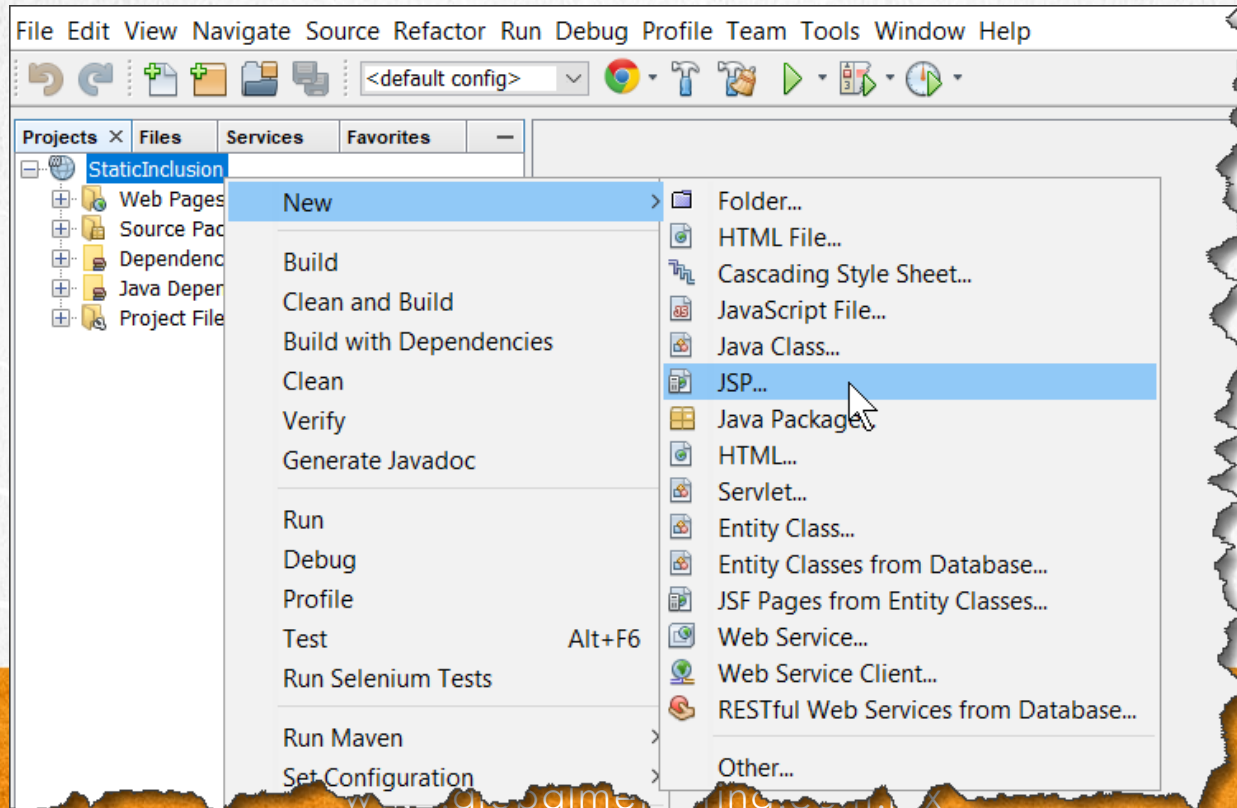
```
<iframe width="560" height="315" src="https://www.youtube.com/embed/GI6Rx-  
iQqAI?rel=0&showinfo=0" frameborder="0" allow="autoplay; encrypted-media"  
allowfullscreen></iframe>
```

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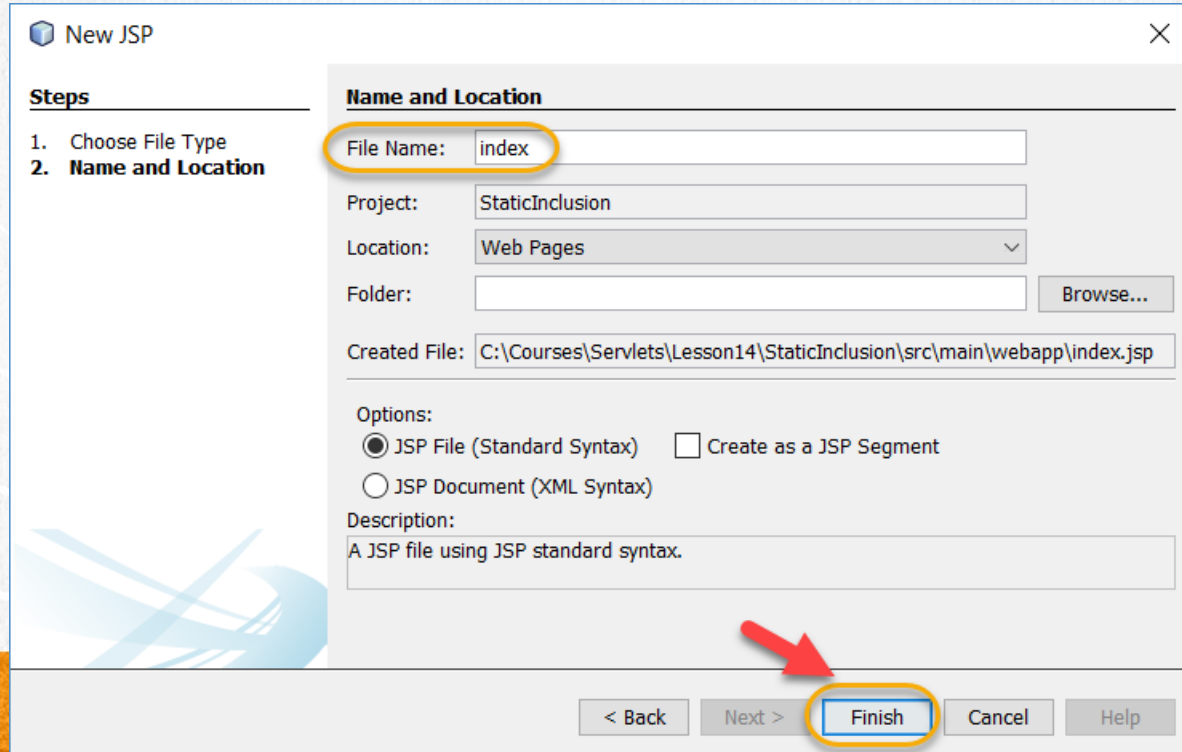
12. CREATE A NEW JSP FILE

Create the index.jsp file:



12. CREATE A NEW JSP FILE

Create the index.jsp file:



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:

13. MODIFY THE CODE

index.jsp:

```
<html>
<head>
  <title>Static Inclusion Example</title>
  <script type='text/JavaScript' src="functions.js"></script>
  <link href="styles.css" type="text/css" rel="stylesheet">
</head>
<body>
  <h1>Static Inclusion</h1>

  <!--Code this for every menu-->
  <br>
  <!--main menu-->
  <span class="news" align="left">
    <a href="javascript:display('news');">
      
    </a>
  </span>
  <span id="news" class="hide_menu">
    <!--Submenu-->
    <ul>
      <li><%@include file="pages/news1.html" %></li>
      <li><%@include file="pages/news2.html" %></li>
    </ul>
  </span>
```


13. MODIFY THE CODE

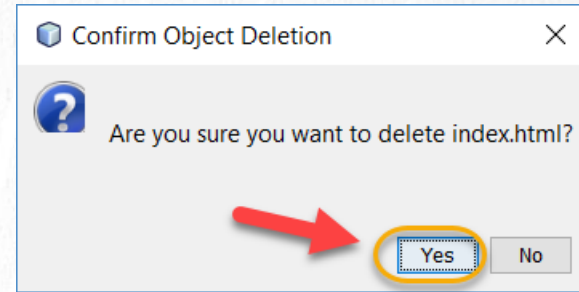
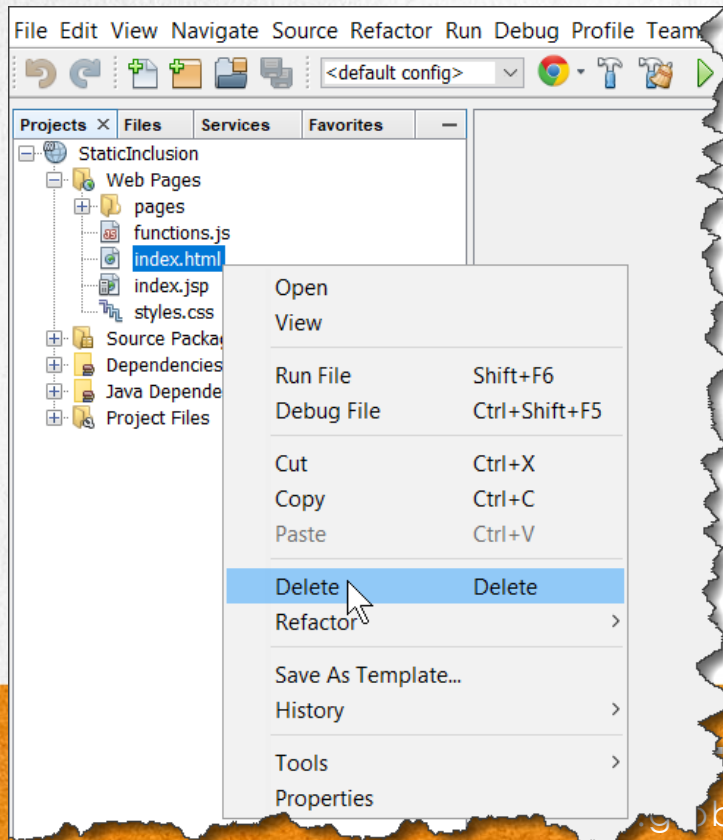
index.jsp:

```
<!--Code this for every menu-->
<br>
<!--main menu-->
<span class="videos" align="left">
  <a href="javascript:display('videos');">
    
  </a>
</span>
<span id="videos" class="hide_menu">
  <!--Submenu-->
  <ul>
    <li><%@include file="pages/video1.html" %></li>
  </ul>
</span>

</body>
</html>
```

14. DELETE THE INDEX.HTML FILE

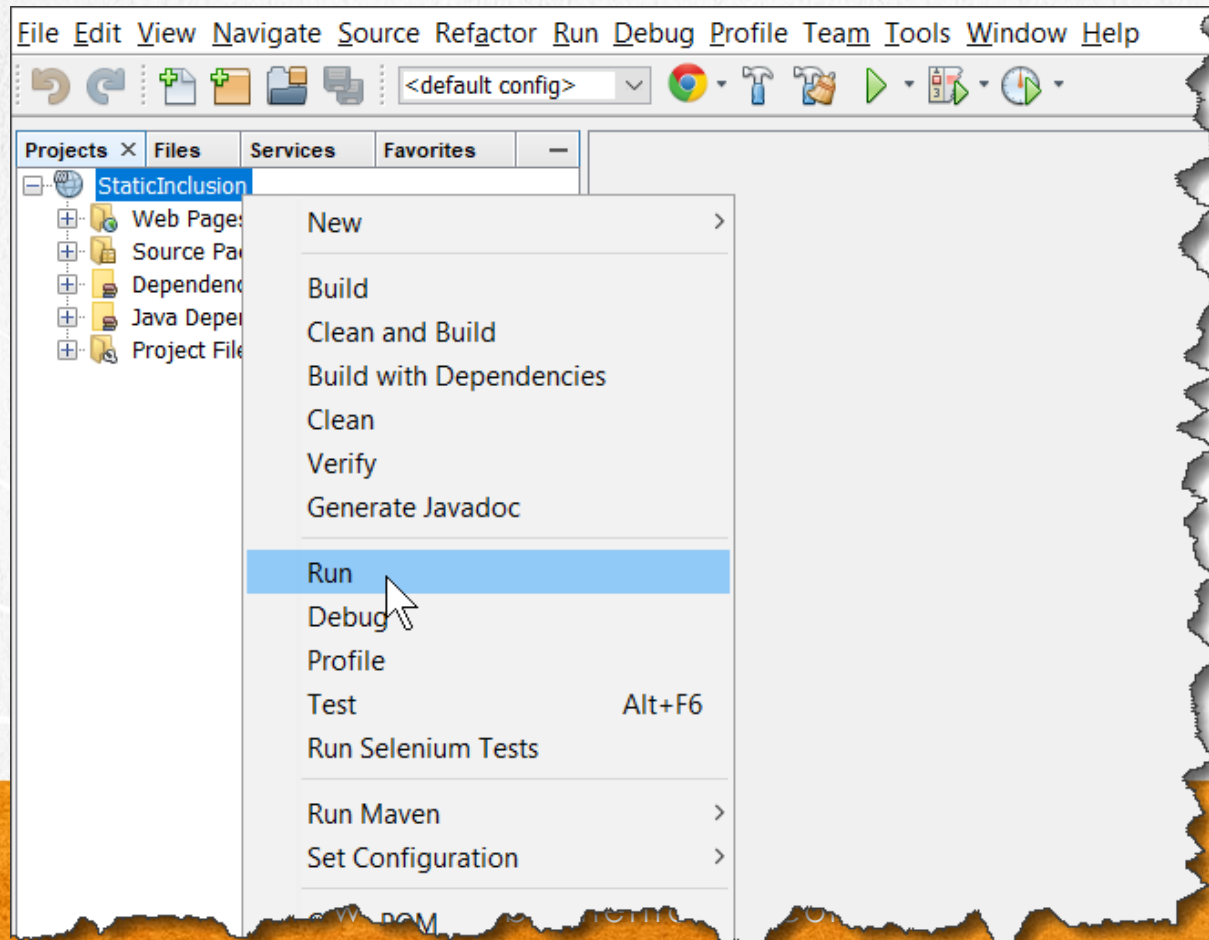
Delete the index.html file:



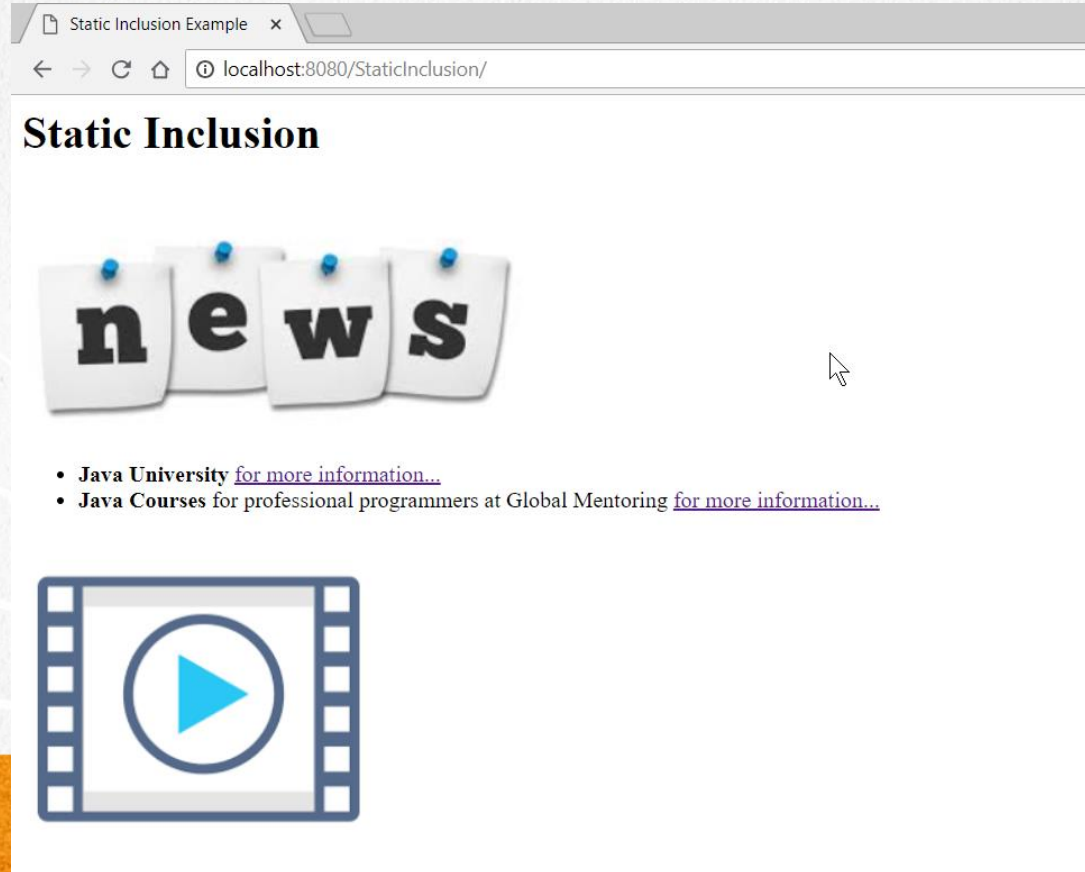
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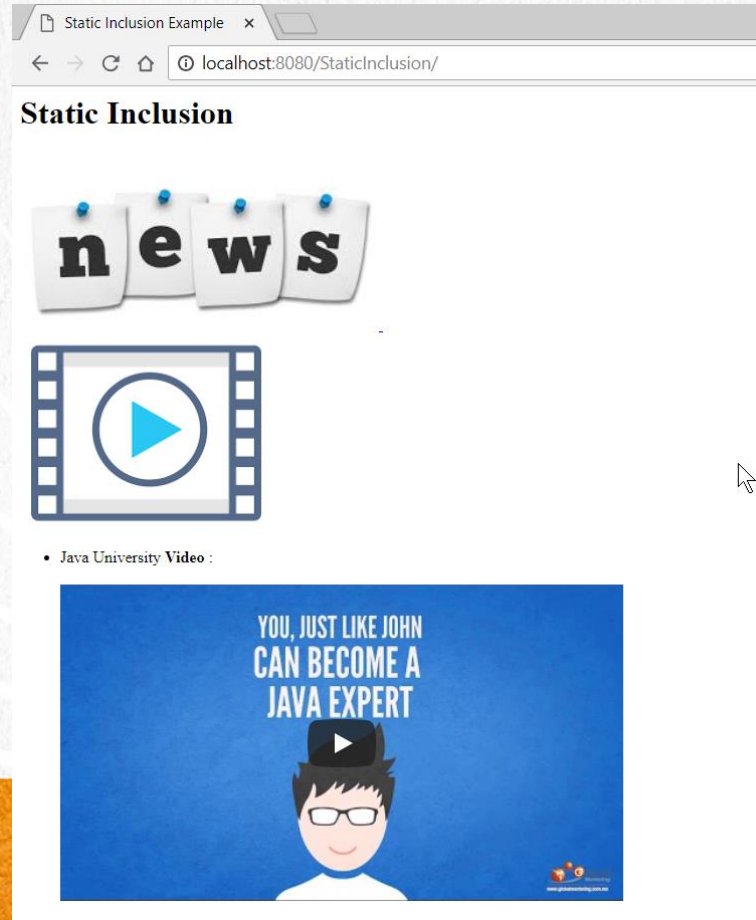
15. EXECUTE THE PROJECT



15. EXECUTE THE PROJECT



15. EXECUTE THE PROJECT



EXERCISE CONCLUSION

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

In the following exercise we will see how to handle dynamic inclusion using JSPs.



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