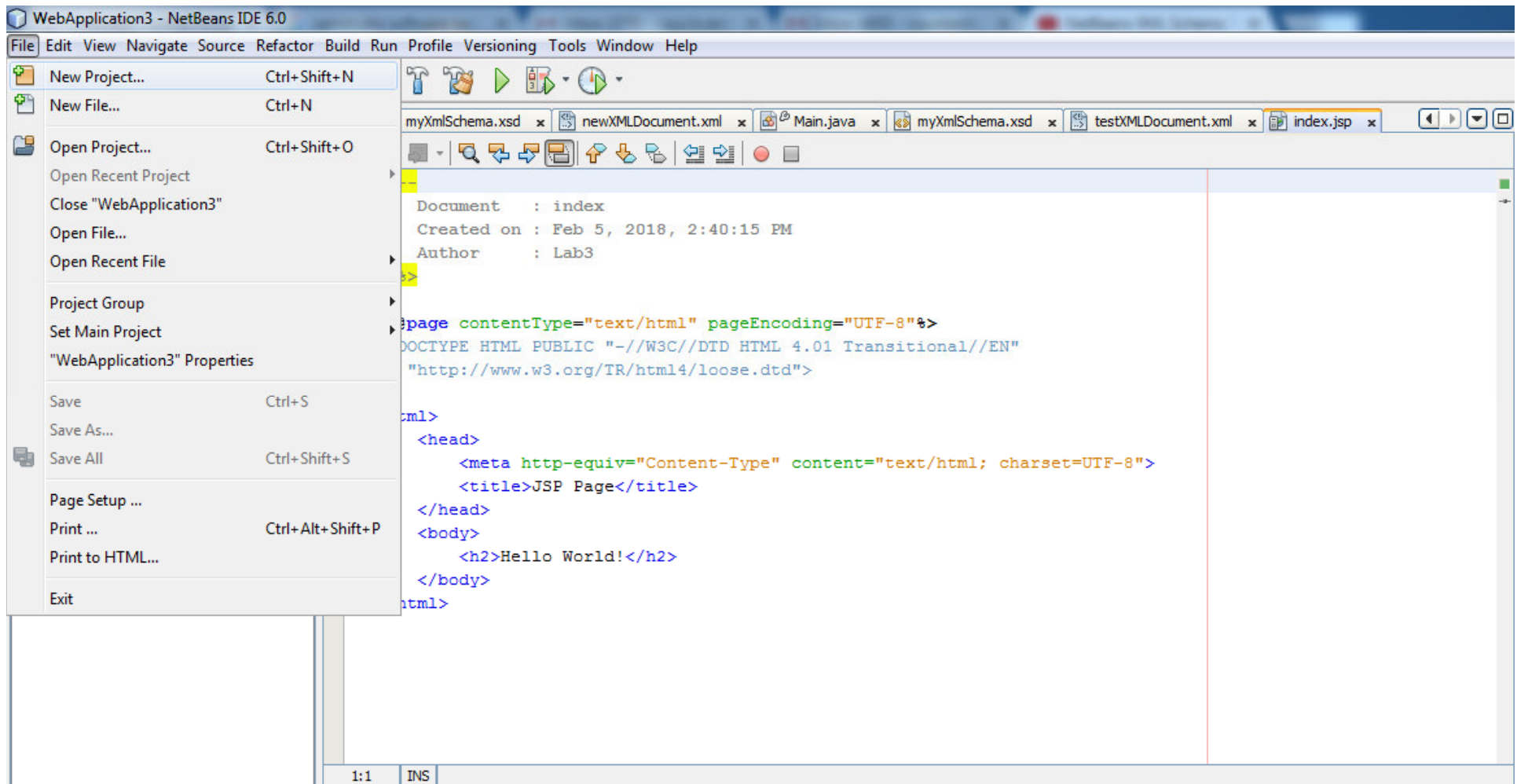


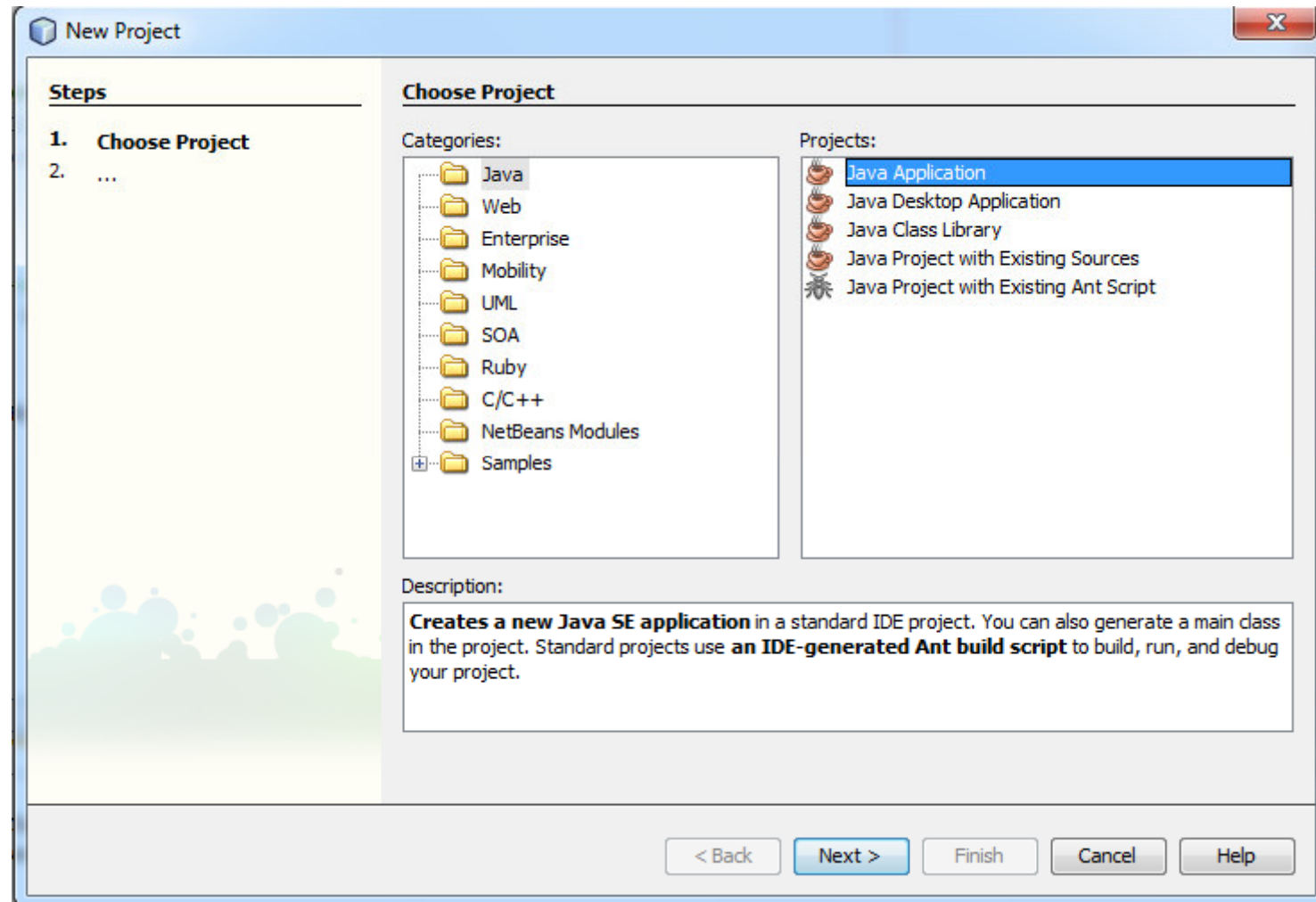
# Validating XML Document using XML Schema in NetBeans 6.0

Prof. (Dr.) Vipul Dabhi  
Dept. of Information Technology,  
Faculty of Technology,  
D. D. University, Nadiad

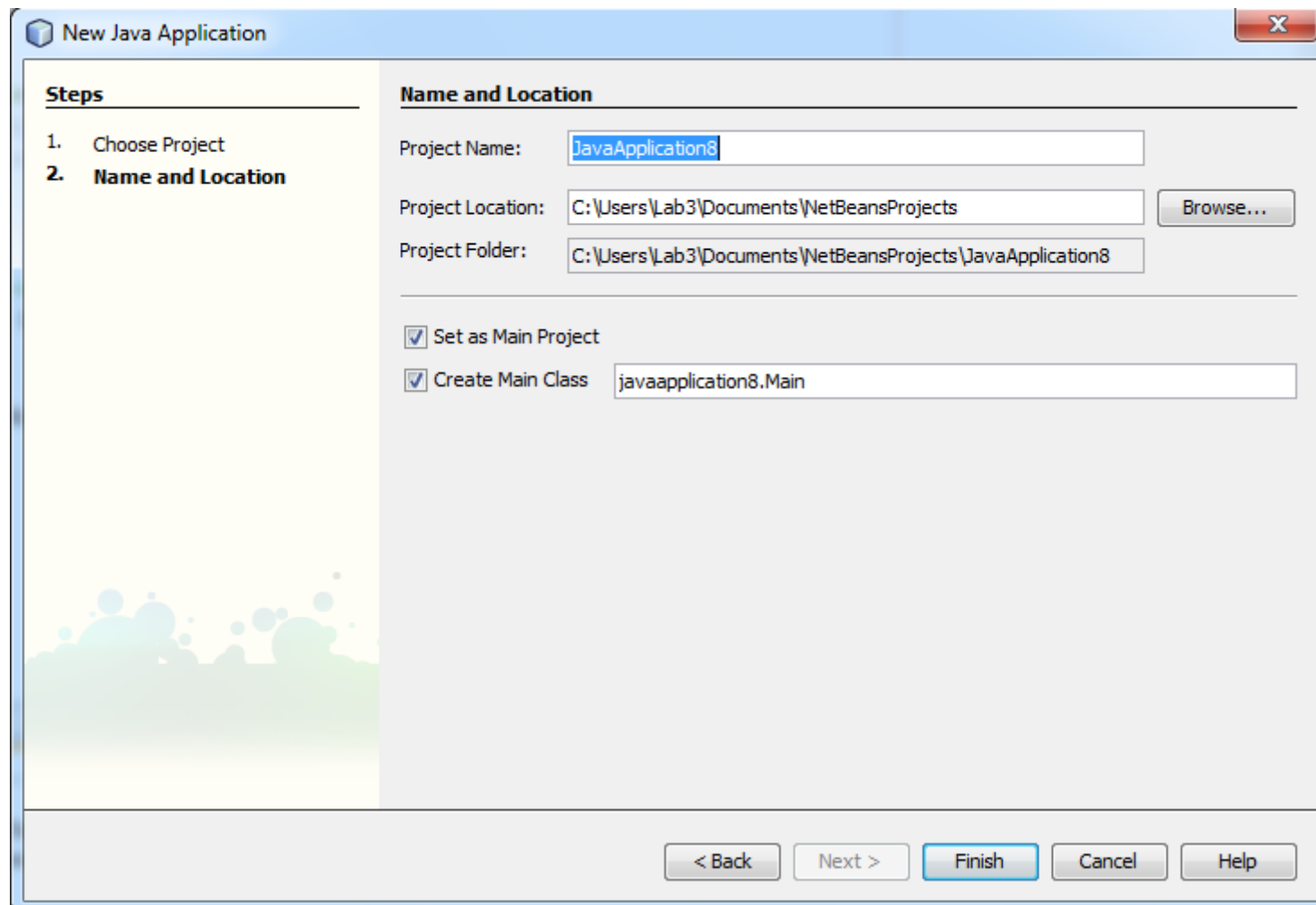
# Step 1: Create Project



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The image shows the 'New Java Application' dialog box in NetBeans 6.0. The dialog has a title bar with a blue icon and the text 'New Java Application'. On the left, a 'Steps' panel lists two steps: '1. Choose Project' and '2. Name and Location', with the second step being the active one. The main area is titled 'Name and Location' and contains several input fields and checkboxes. The 'Project Name' field is filled with 'JavaApplication8'. The 'Project Location' field is filled with 'C:\Users\Lab3\Documents\NetBeansProjects', and there is a 'Browse...' button to its right. The 'Project Folder' field is filled with 'C:\Users\Lab3\Documents\NetBeansProjects\JavaApplication8'. Below these fields, there are two checked checkboxes: 'Set as Main Project' and 'Create Main Class'. The 'Create Main Class' checkbox has a text field next to it containing 'javaapplication8.Main'. At the bottom of the dialog, there are five buttons: '< Back', 'Next >', 'Finish' (which is highlighted in blue), 'Cancel', and 'Help'.

**Steps**

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

**Name and Location**

Project Name:

Project Location:

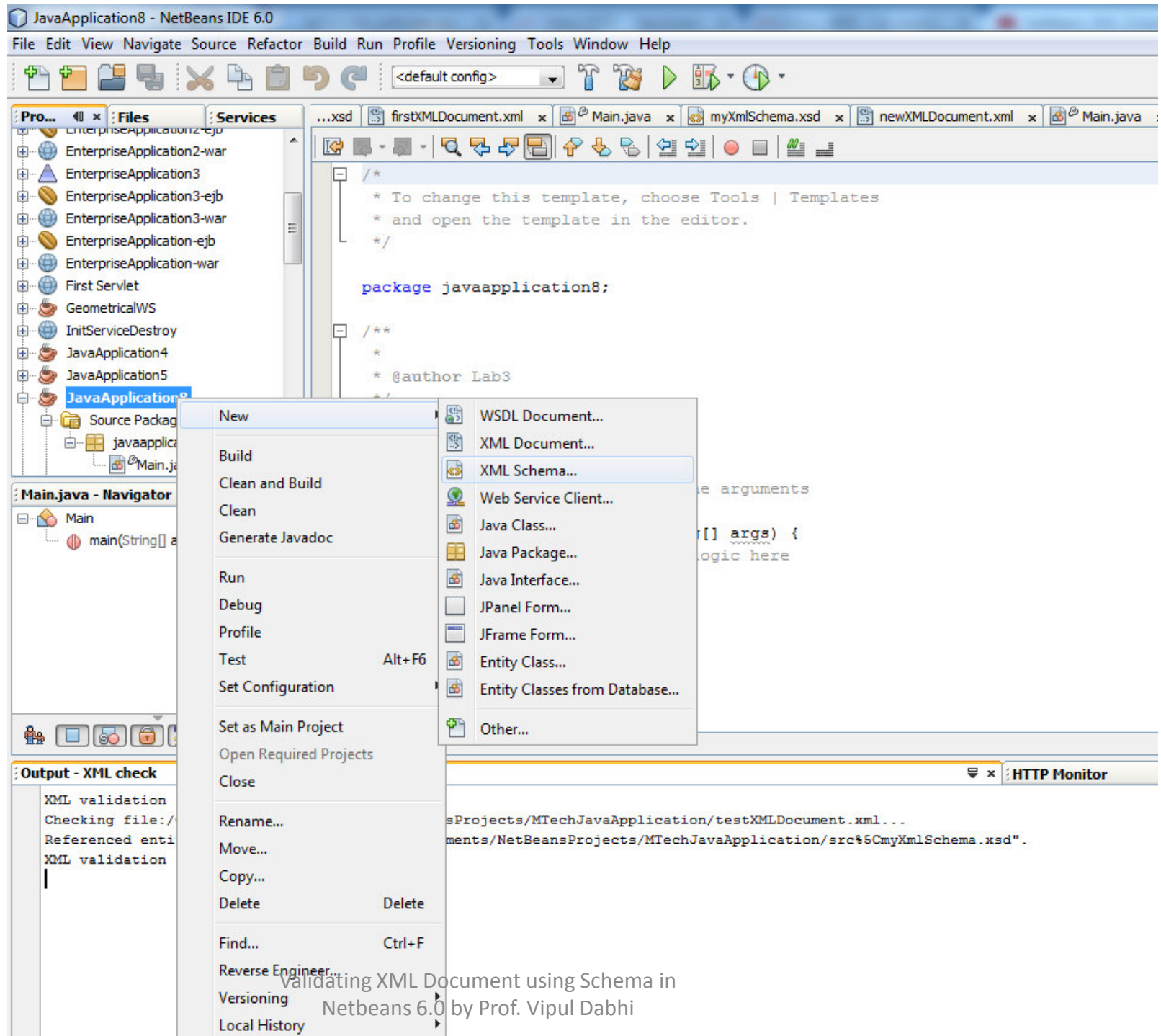
Project Folder:

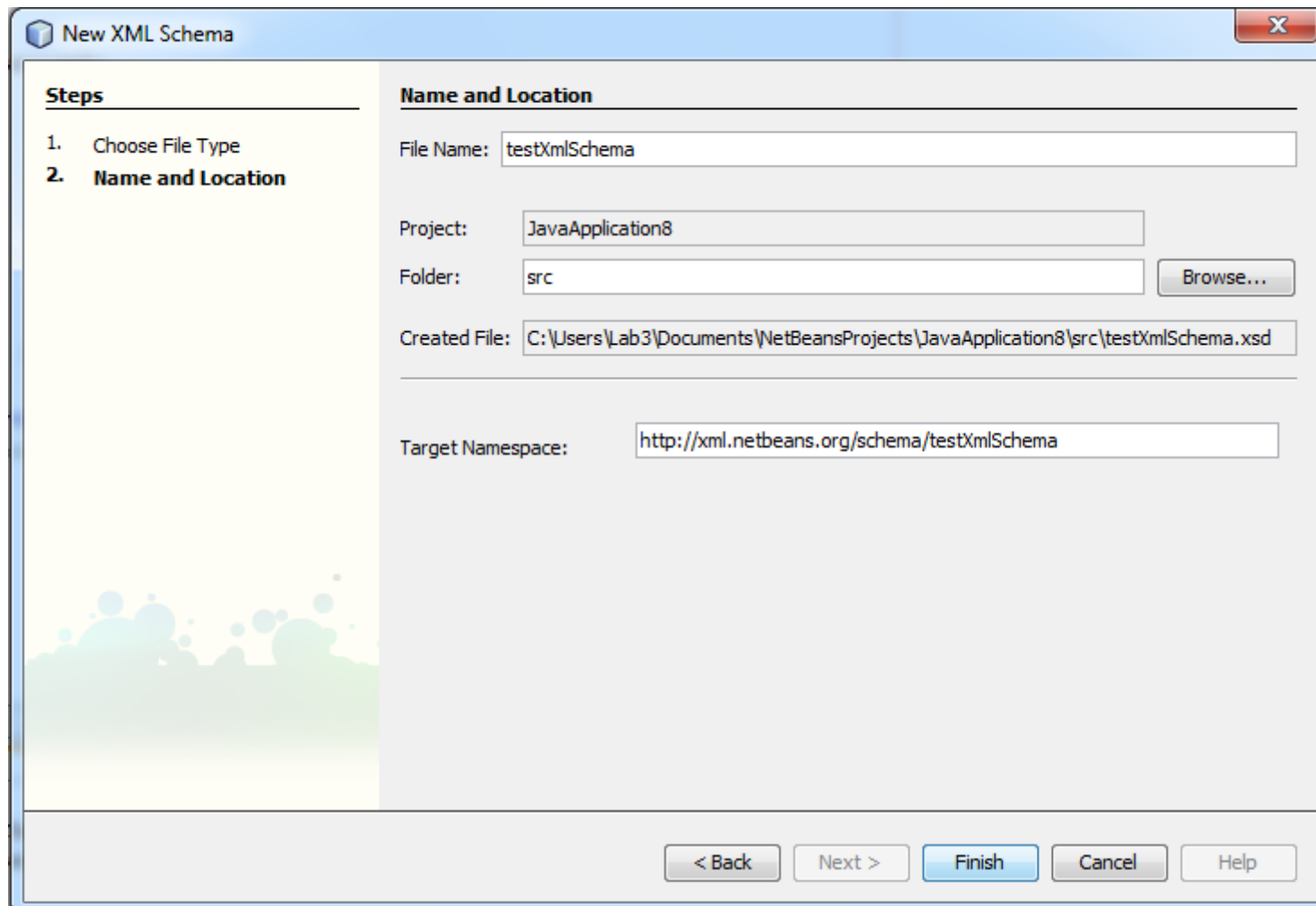
☒ Set as Main Project

☒ Create Main Class

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## Step 2: Create XML Schema





The image shows a 'New XML Schema' dialog box with a light blue title bar and a close button. On the left, a 'Steps' panel lists '1. Choose File Type' and '2. Name and Location', with the second step being the active tab. The main area is titled 'Name and Location' and contains several input fields: 'File Name' with 'testXmlSchema', 'Project' with 'JavaApplication8', 'Folder' with 'src' and a 'Browse...' button, and 'Created File' showing the full path 'C:\Users\Lab3\Documents\NetBeansProjects\JavaApplication8\src\testXmlSchema.xsd'. Below these is a 'Target Namespace' field with 'http://xml.netbeans.org/schema/testXmlSchema'. At the bottom, there are five buttons: '< Back', 'Next >', 'Finish' (highlighted in blue), 'Cancel', and 'Help'.

**New XML Schema**

**Steps**

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

**Name and Location**

File Name:

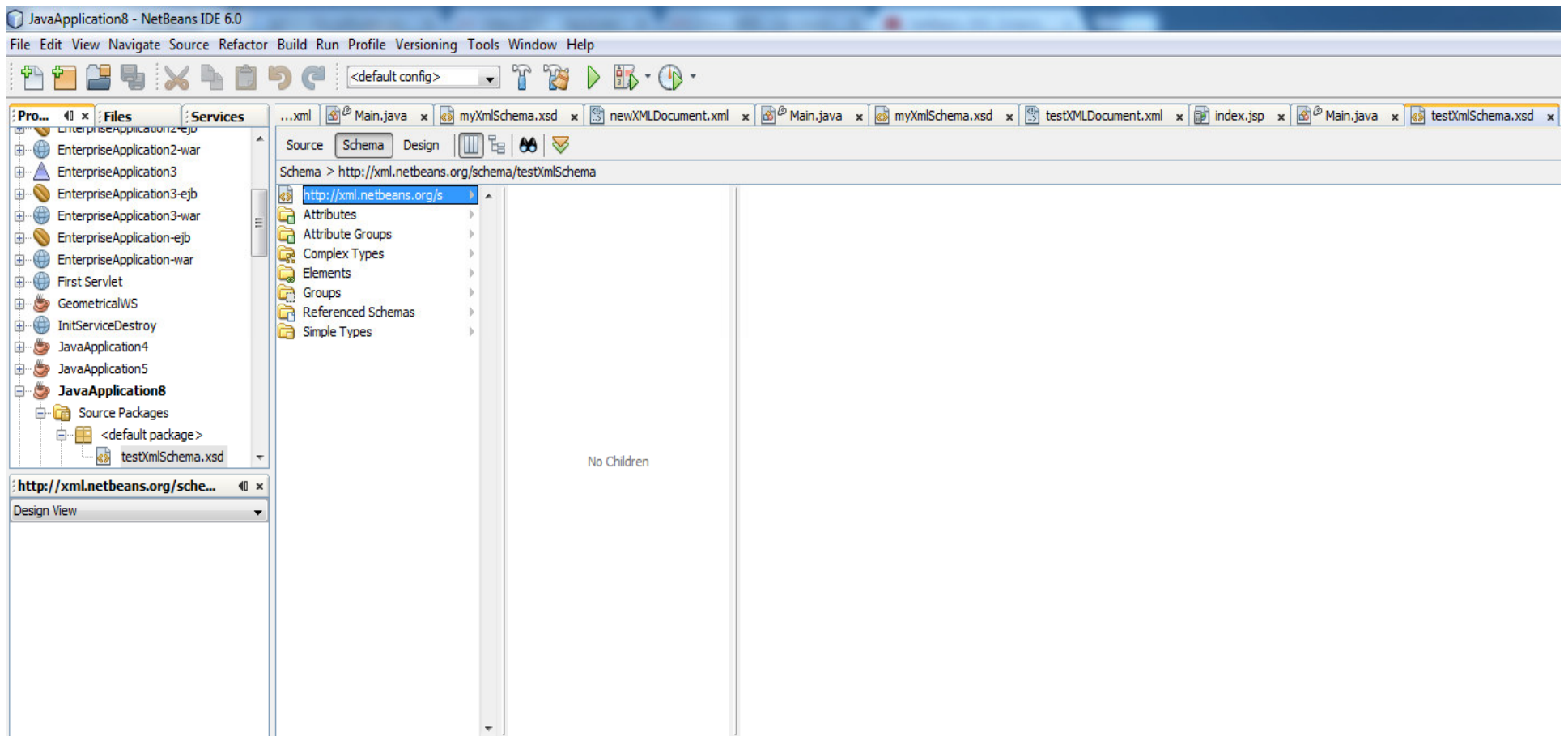
Project:

Folder:

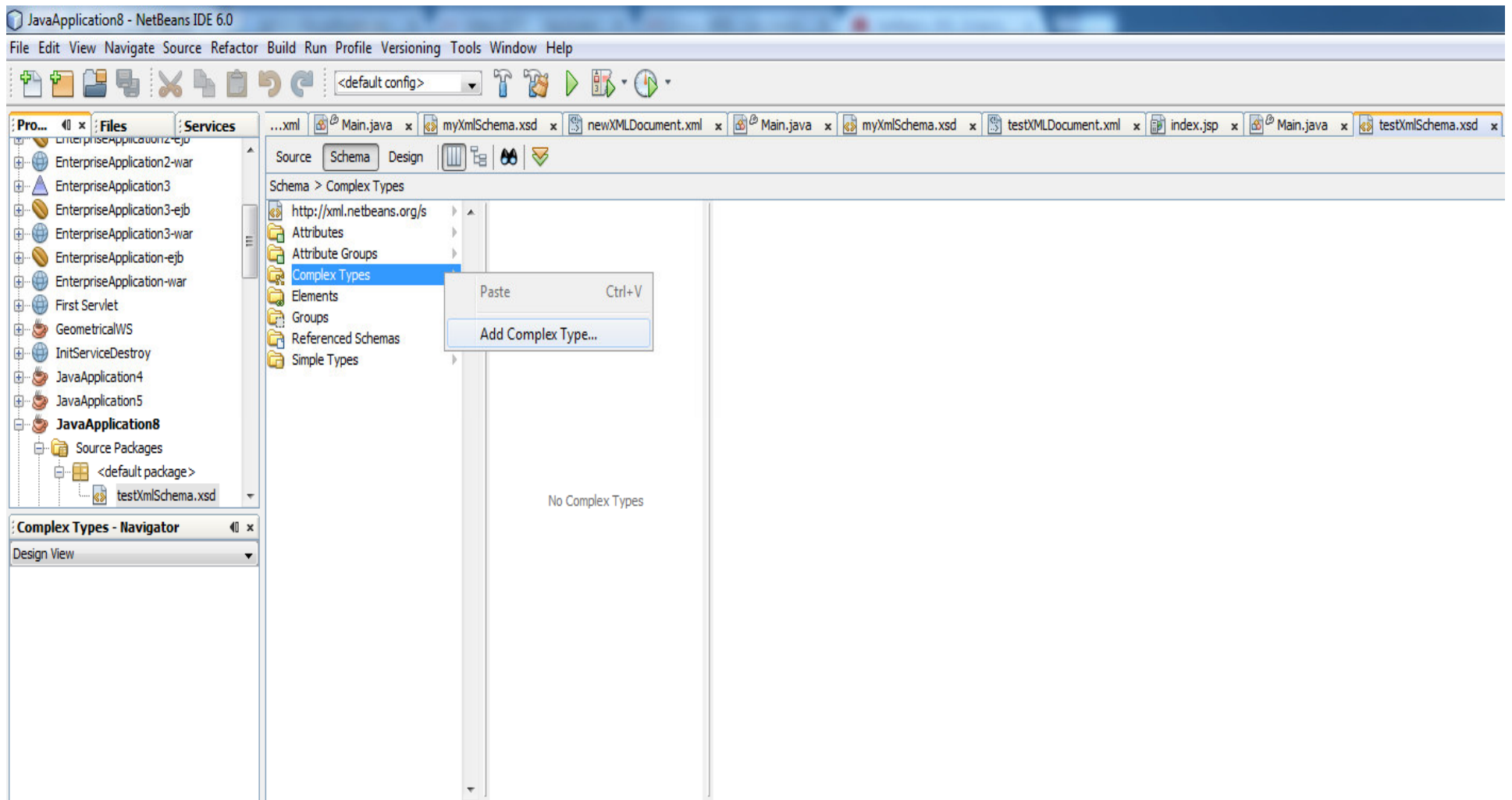
Created File:

Target Namespace:

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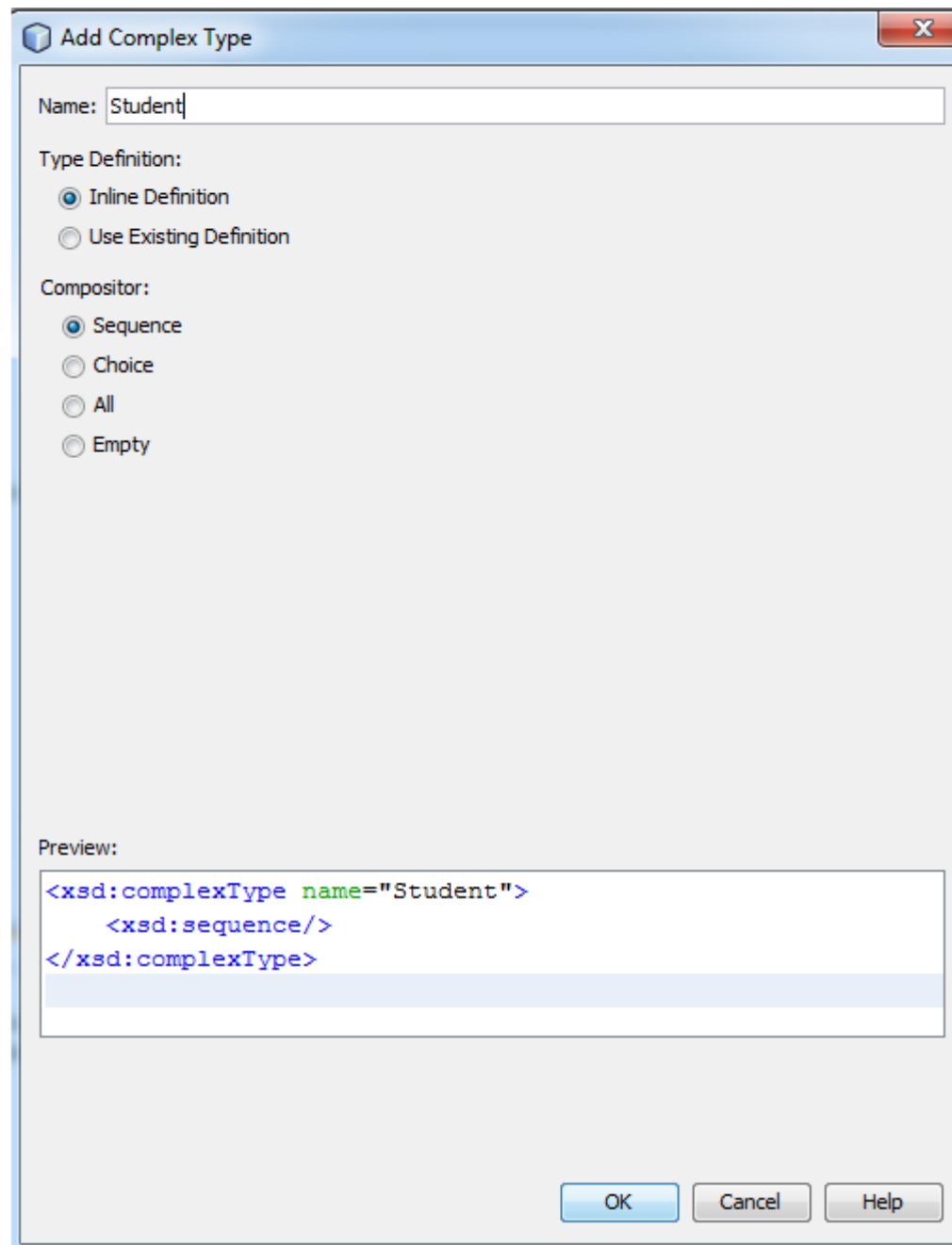


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The image shows a 'Add Complex Type' dialog box in NetBeans. It has a title bar with a blue icon and a close button. The 'Name' field contains 'Student'. Under 'Type Definition', 'Inline Definition' is selected. Under 'Compositor', 'Sequence' is selected. The 'Preview' section shows the XML schema code: <xsd:complexType name="Student"> <xsd:sequence/> </xsd:complexType>. At the bottom are 'OK', 'Cancel', and 'Help' buttons.

**Add Complex Type**

Name:

Type Definition:

☒ Inline Definition  
☐ Use Existing Definition

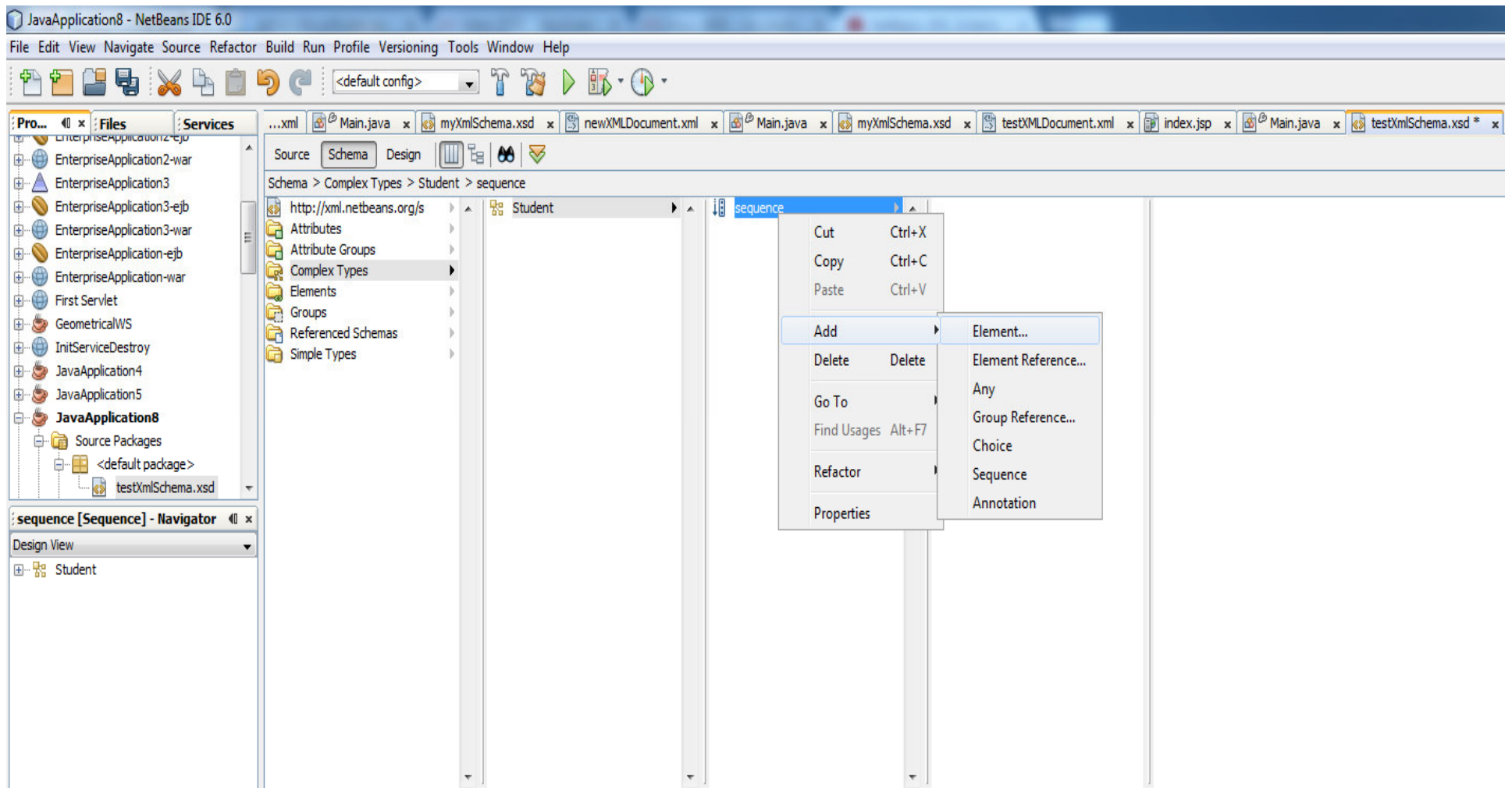
Compositor:

☒ Sequence  
☐ Choice  
☐ All  
☐ Empty

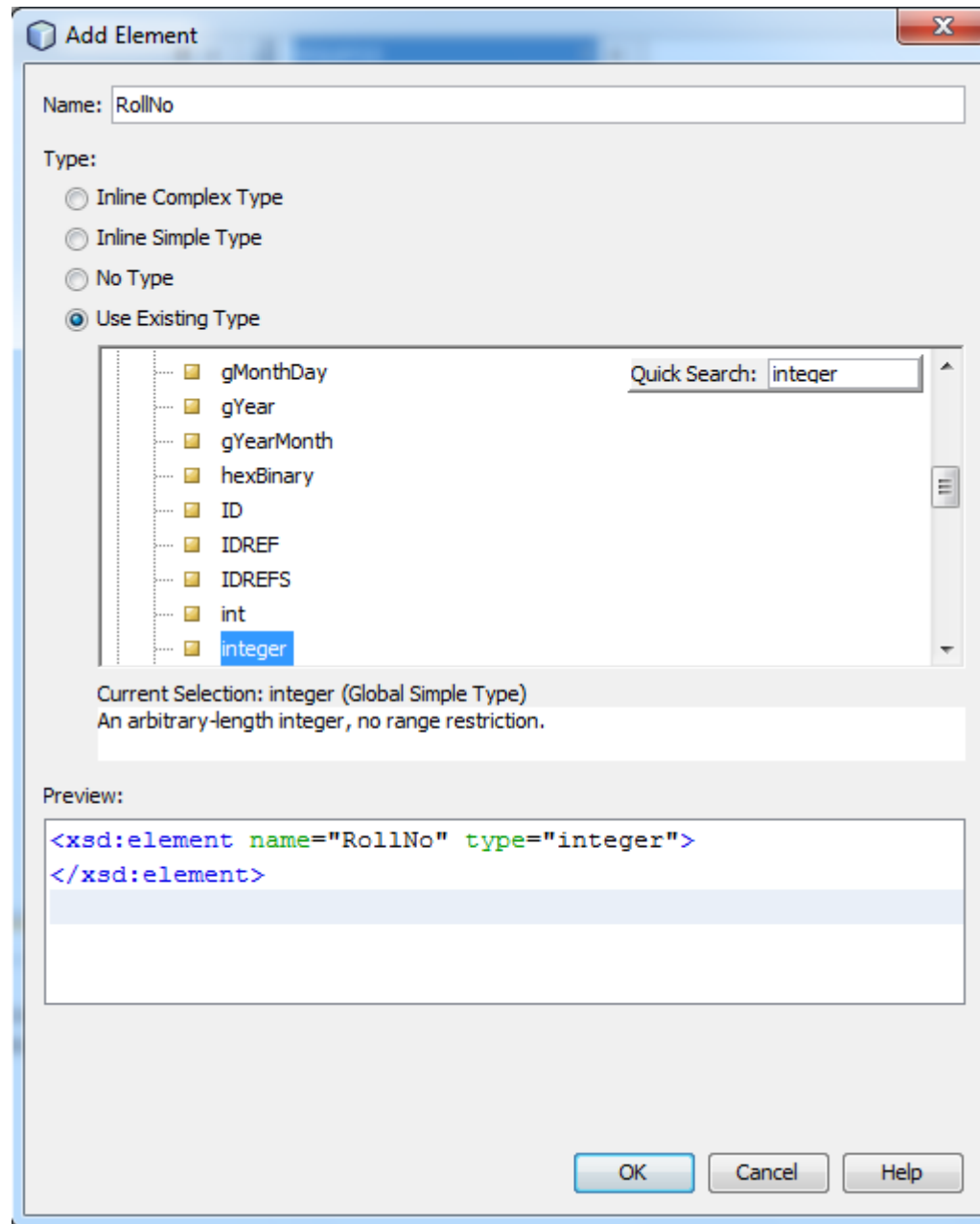
Preview:

```
<xsd:complexType name="Student">
  <xsd:sequence/>
</xsd:complexType>
```

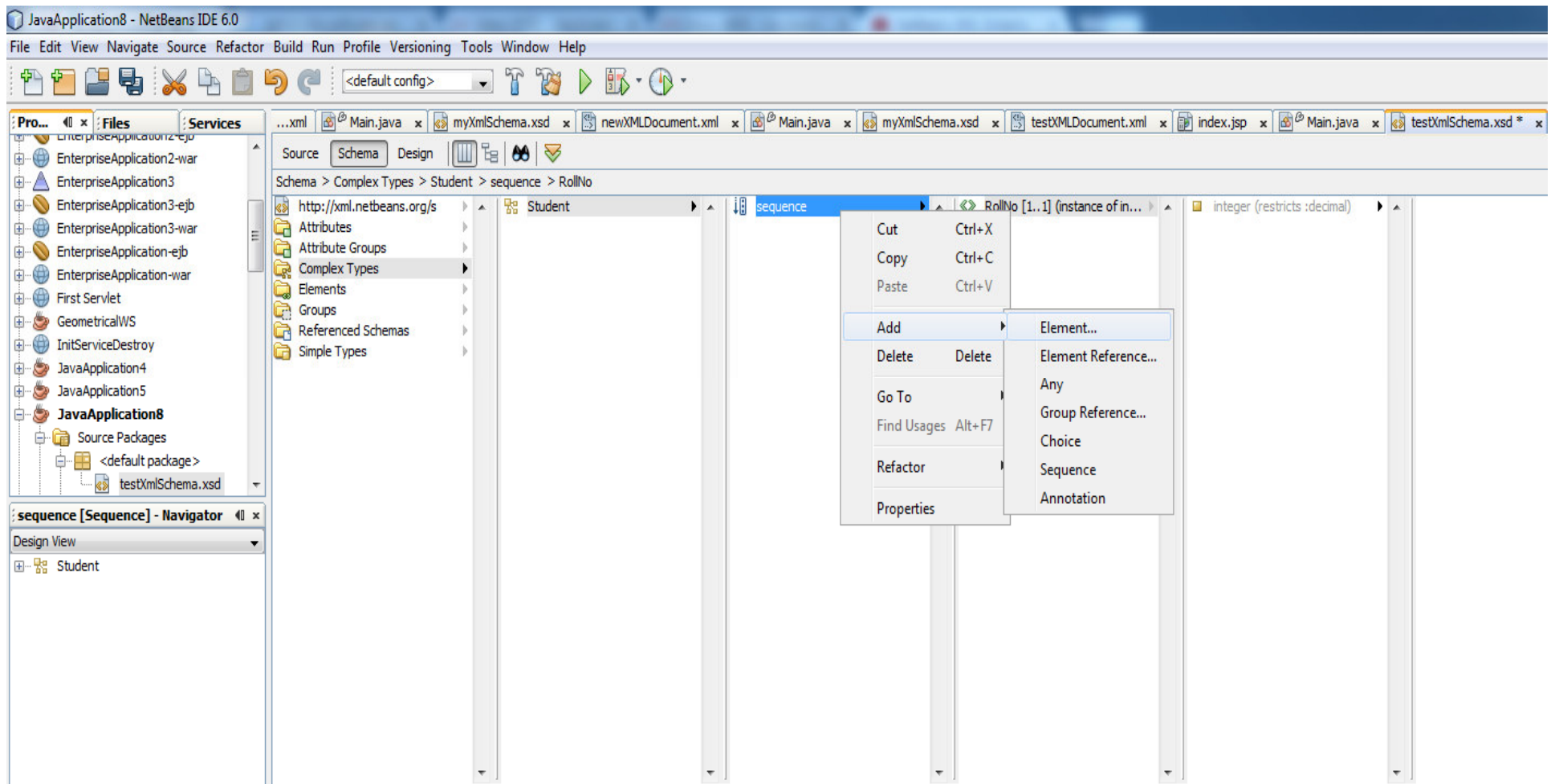
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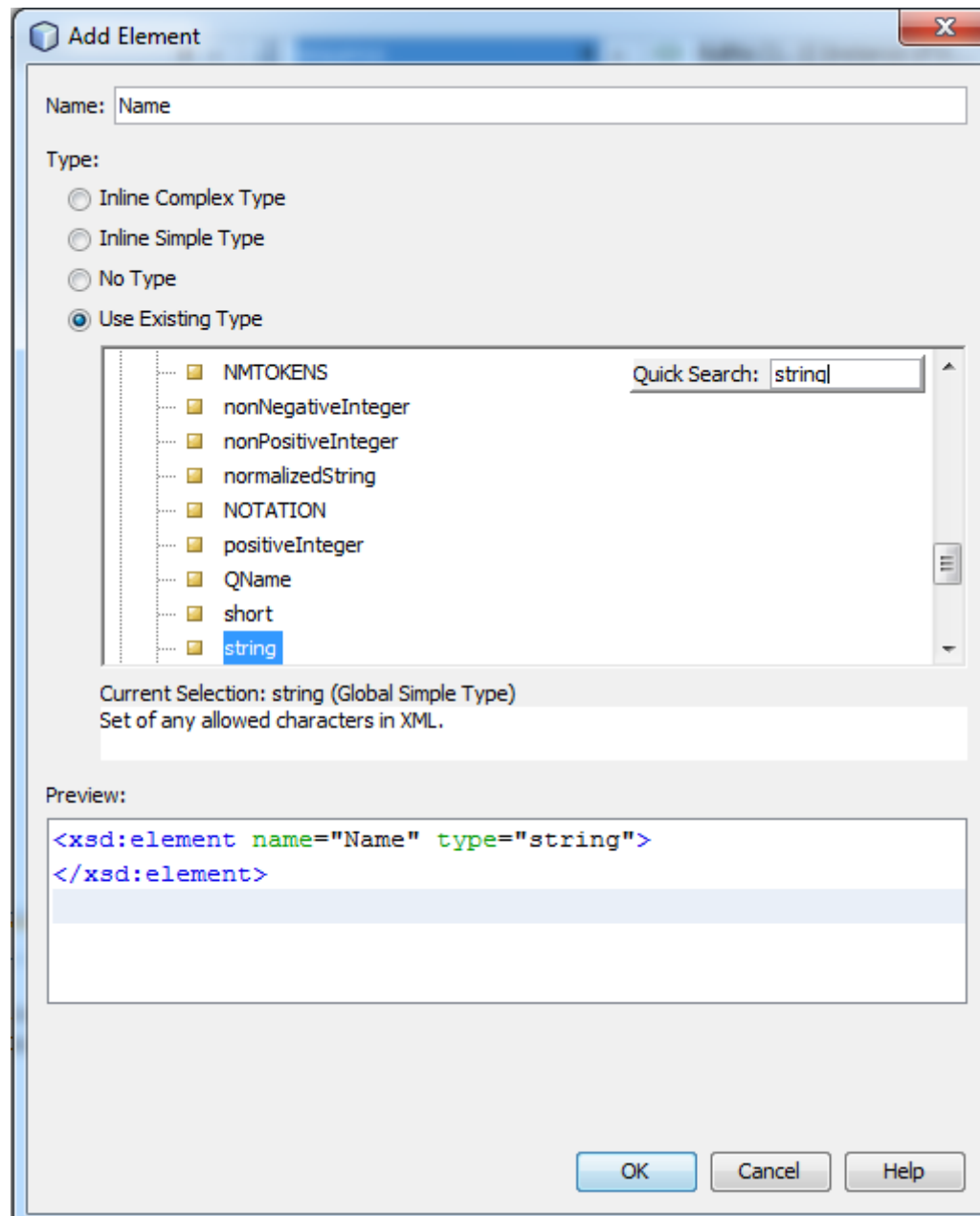
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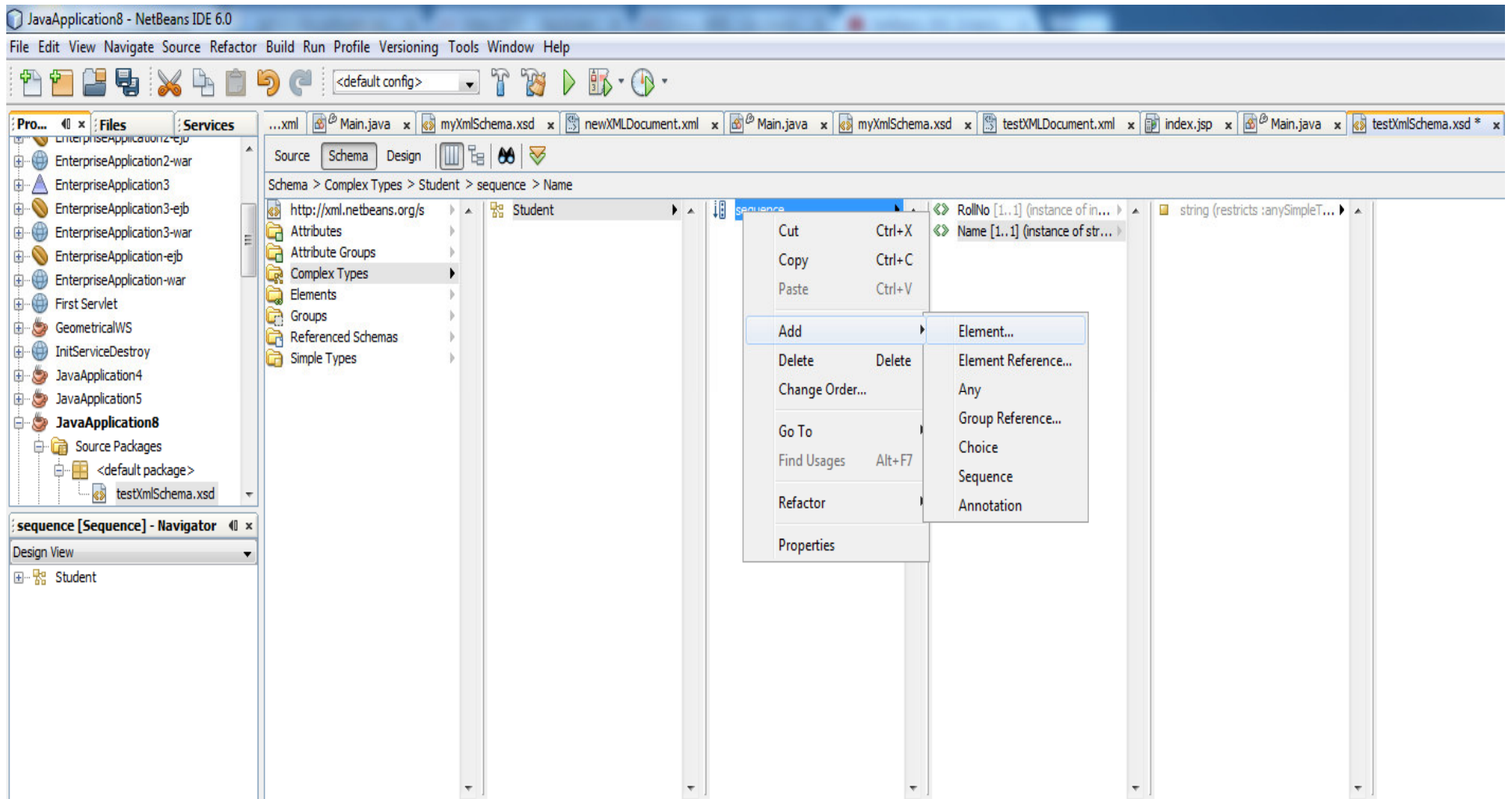
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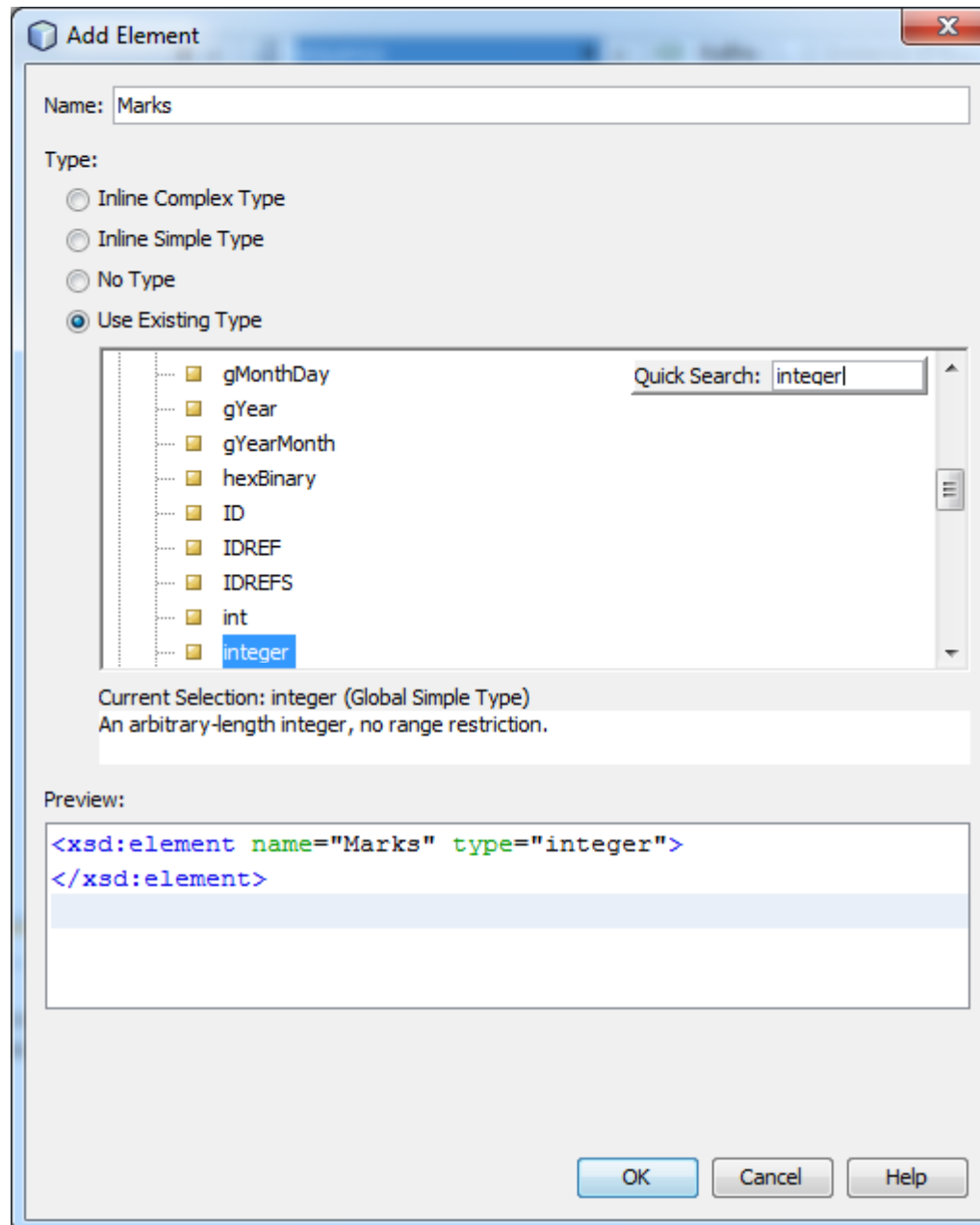
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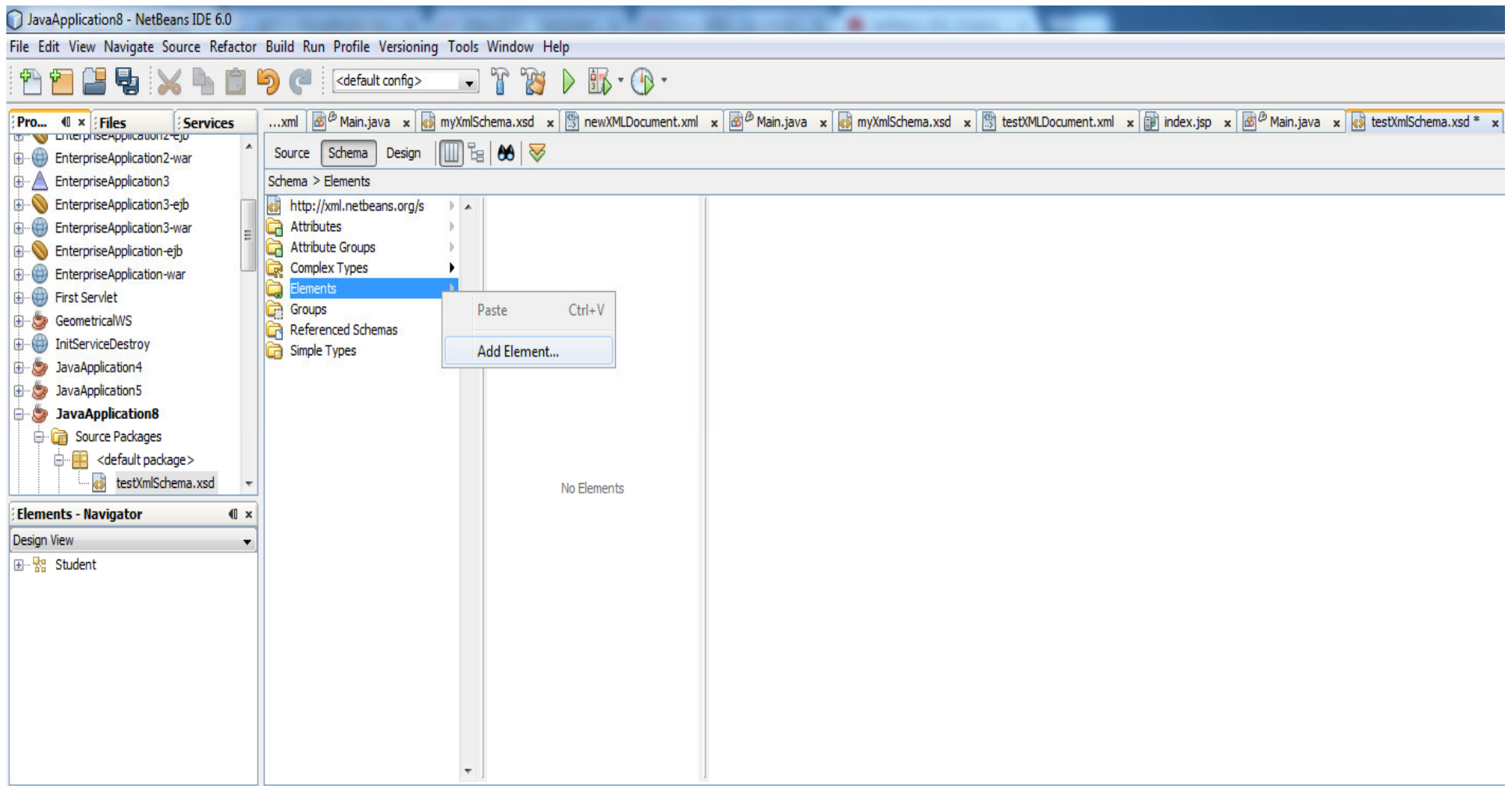
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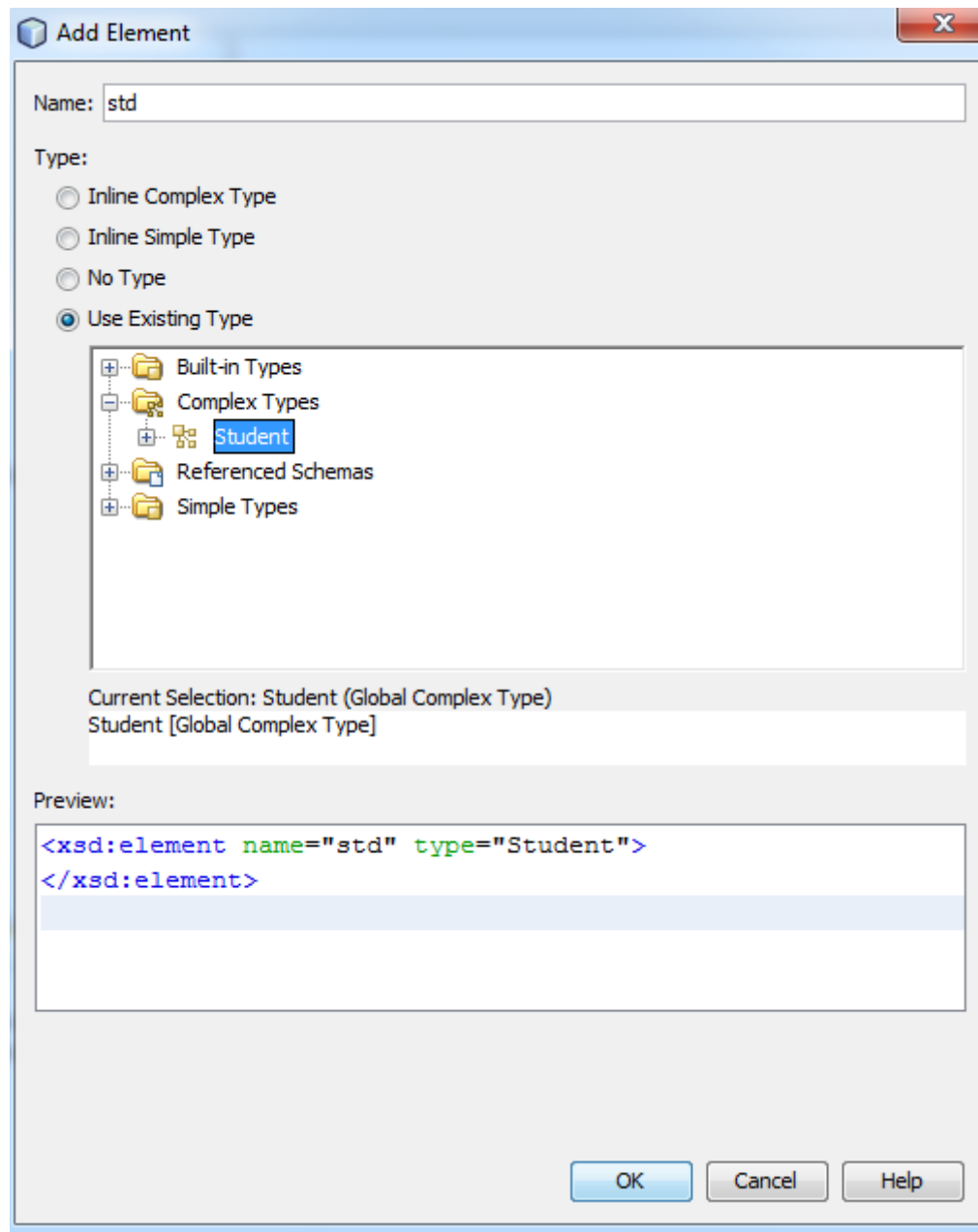


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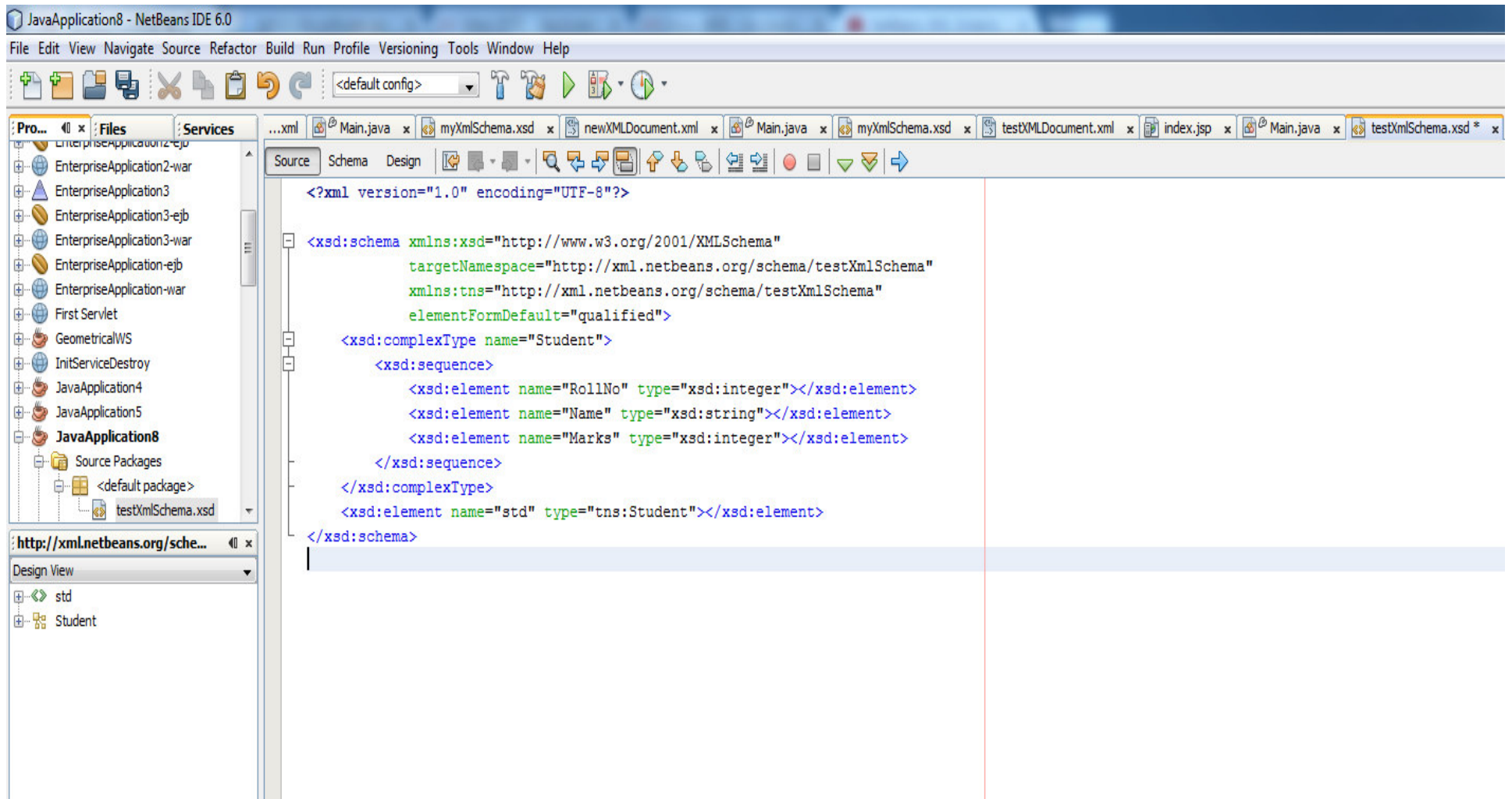


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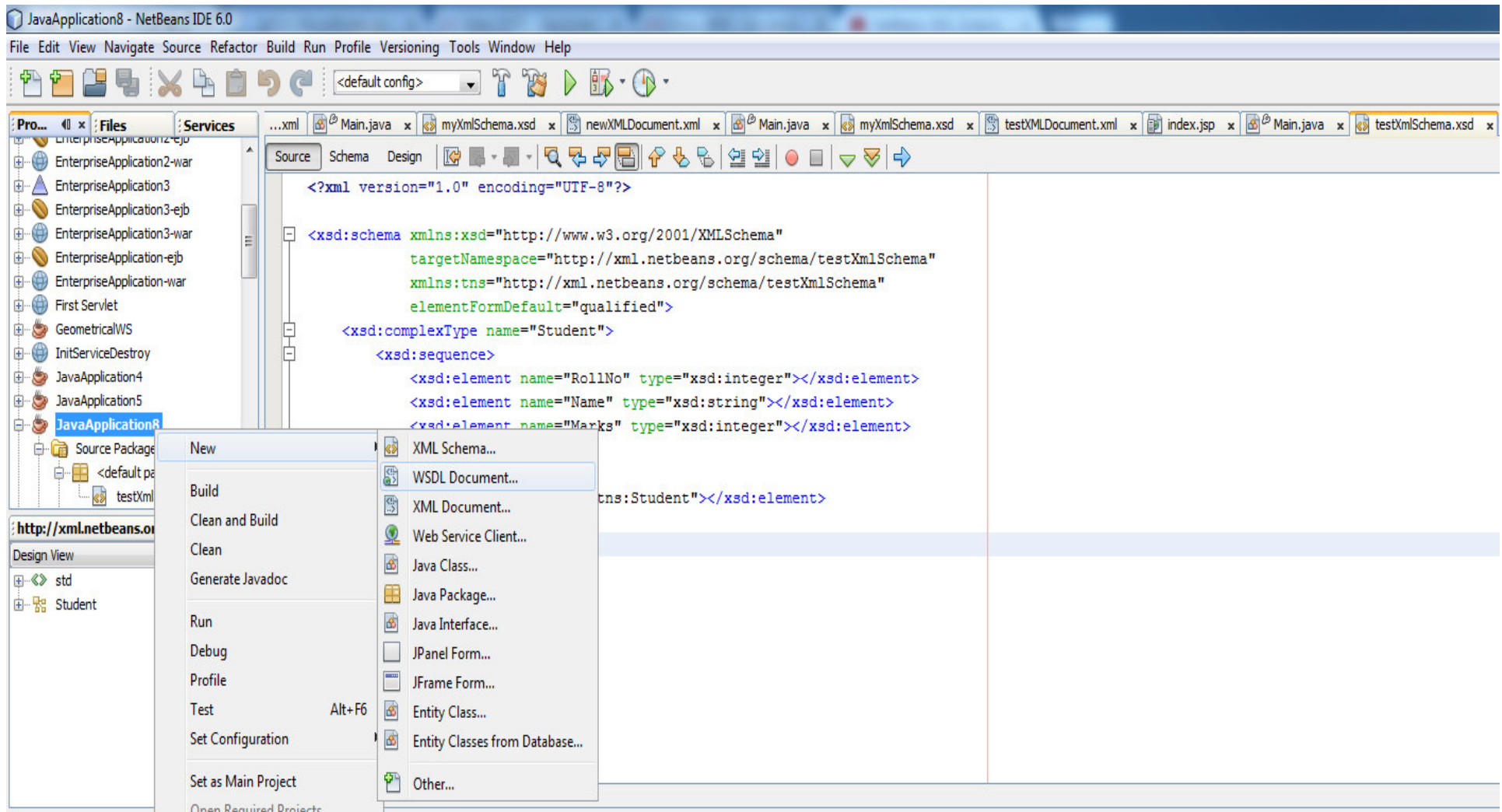


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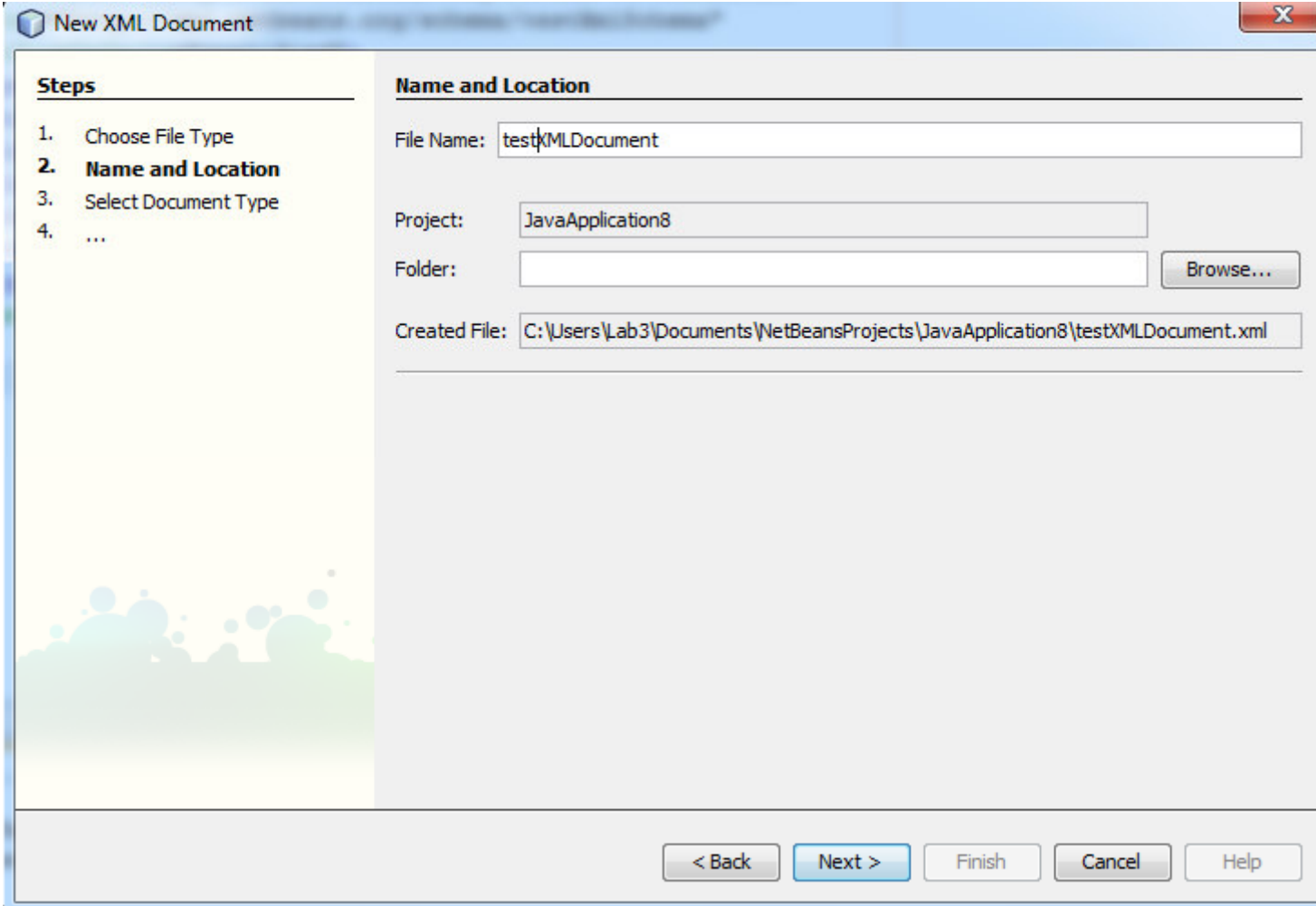


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## Step 3 : Create XML Instance Document



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The image shows a 'New XML Document' dialog box from NetBeans 6.0. The dialog is divided into two main sections: 'Steps' on the left and 'Name and Location' on the right. The 'Steps' section lists four steps: 1. Choose File Type, 2. **Name and Location**, 3. Select Document Type, and 4. ... The 'Name and Location' section contains several input fields: 'File Name' with the text 'testXMLDocument', 'Project' with 'JavaApplication8', 'Folder' (empty) with a 'Browse...' button, and 'Created File' with the path 'C:\Users\Lab3\Documents\NetBeansProjects\JavaApplication8\testXMLDocument.xml'. At the bottom, there are five buttons: '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'.

**New XML Document**

**Steps**

1. Choose File Type
- 2. Name and Location**
3. Select Document Type
4. ...

**Name and Location**

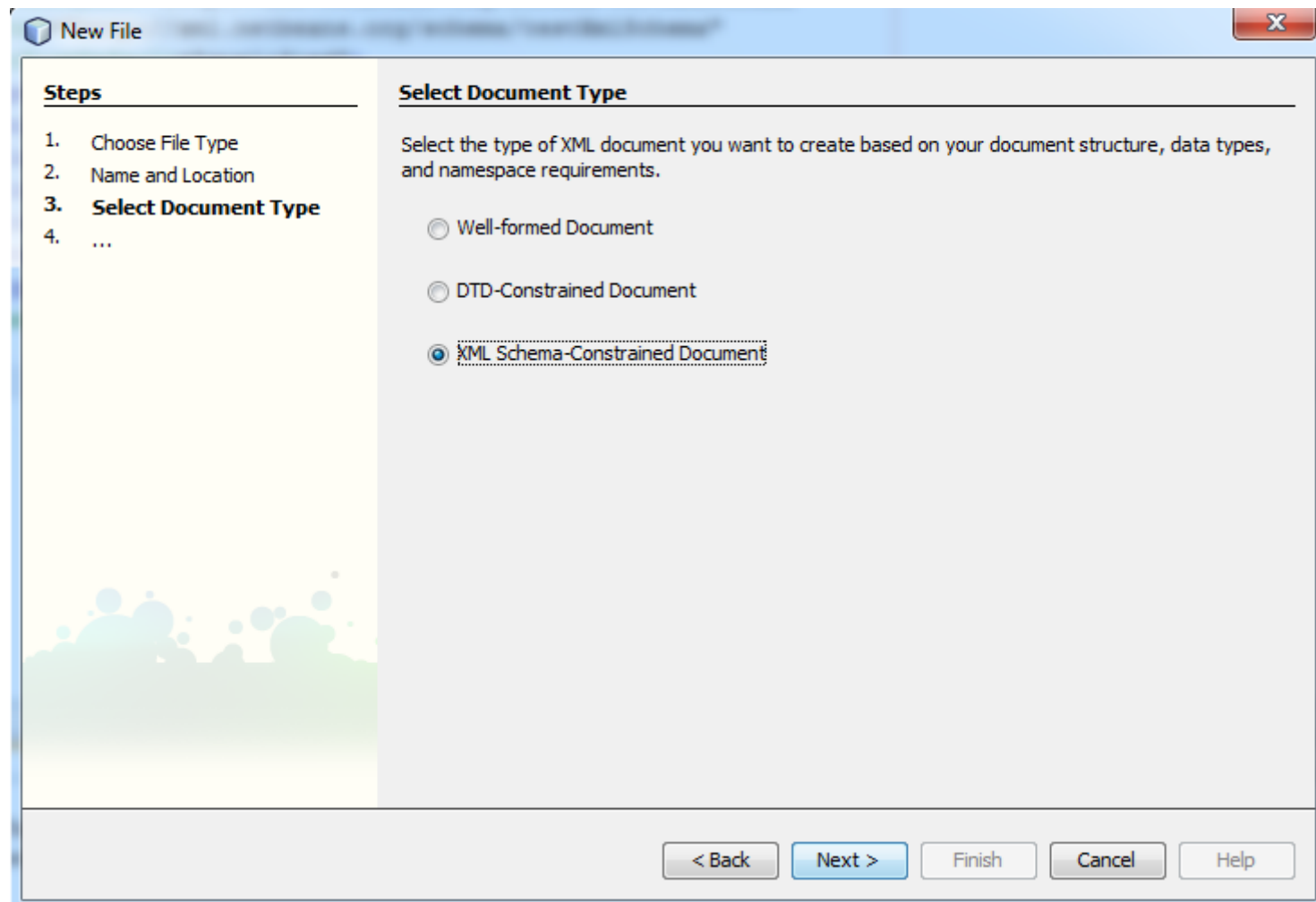
File Name: testXMLDocument

Project: JavaApplication8

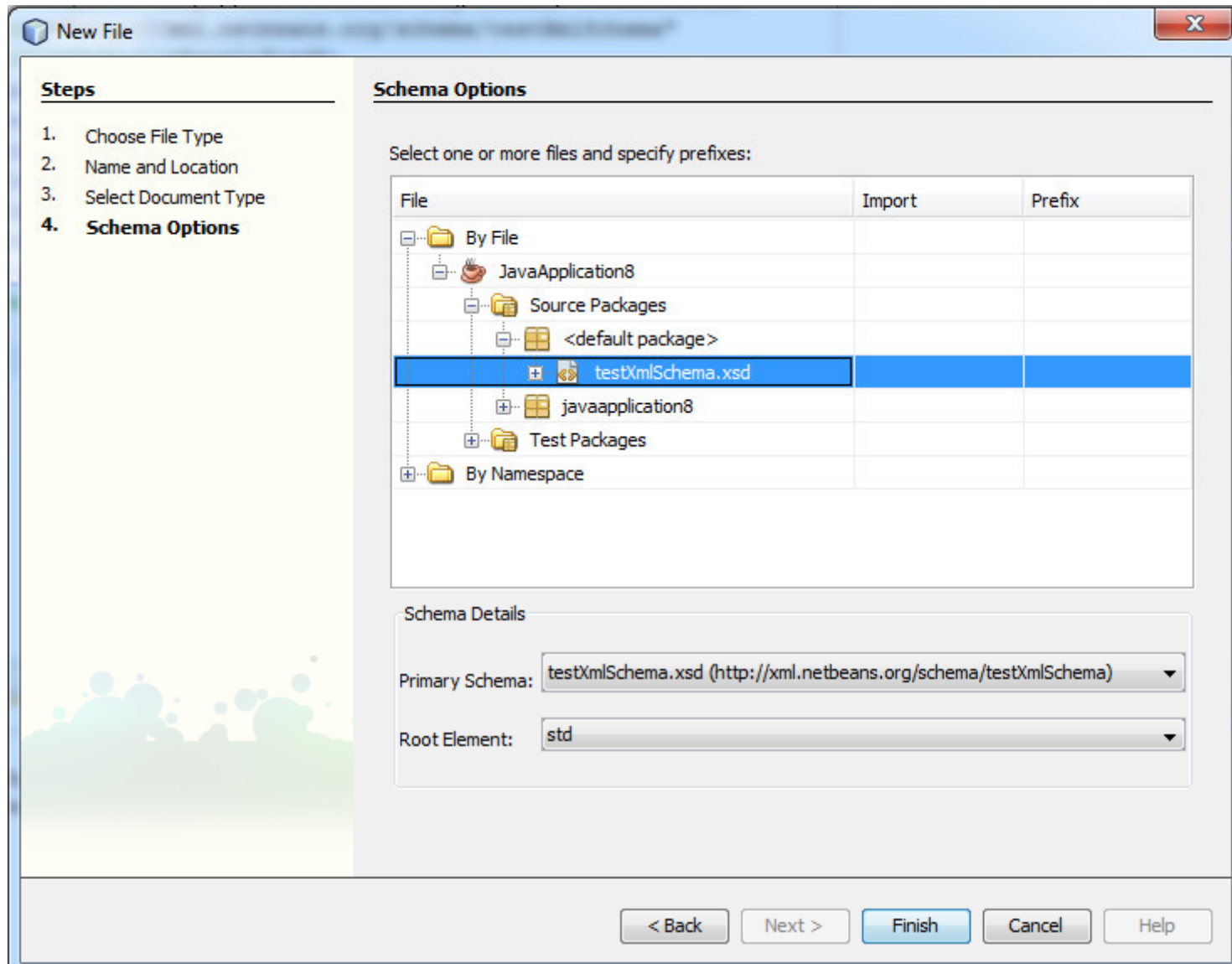
Folder:

Created File: C:\Users\Lab3\Documents\NetBeansProjects\JavaApplication8\testXMLDocument.xml

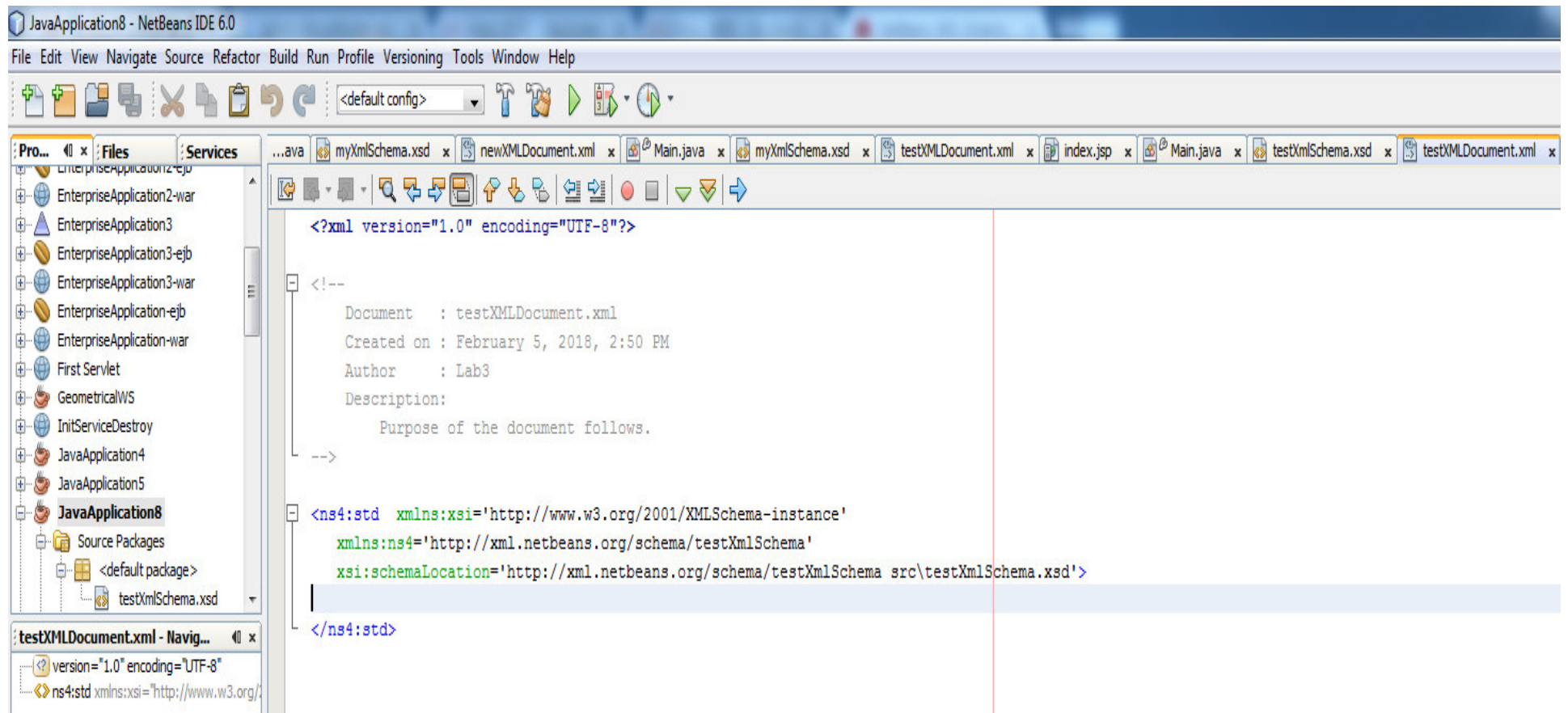
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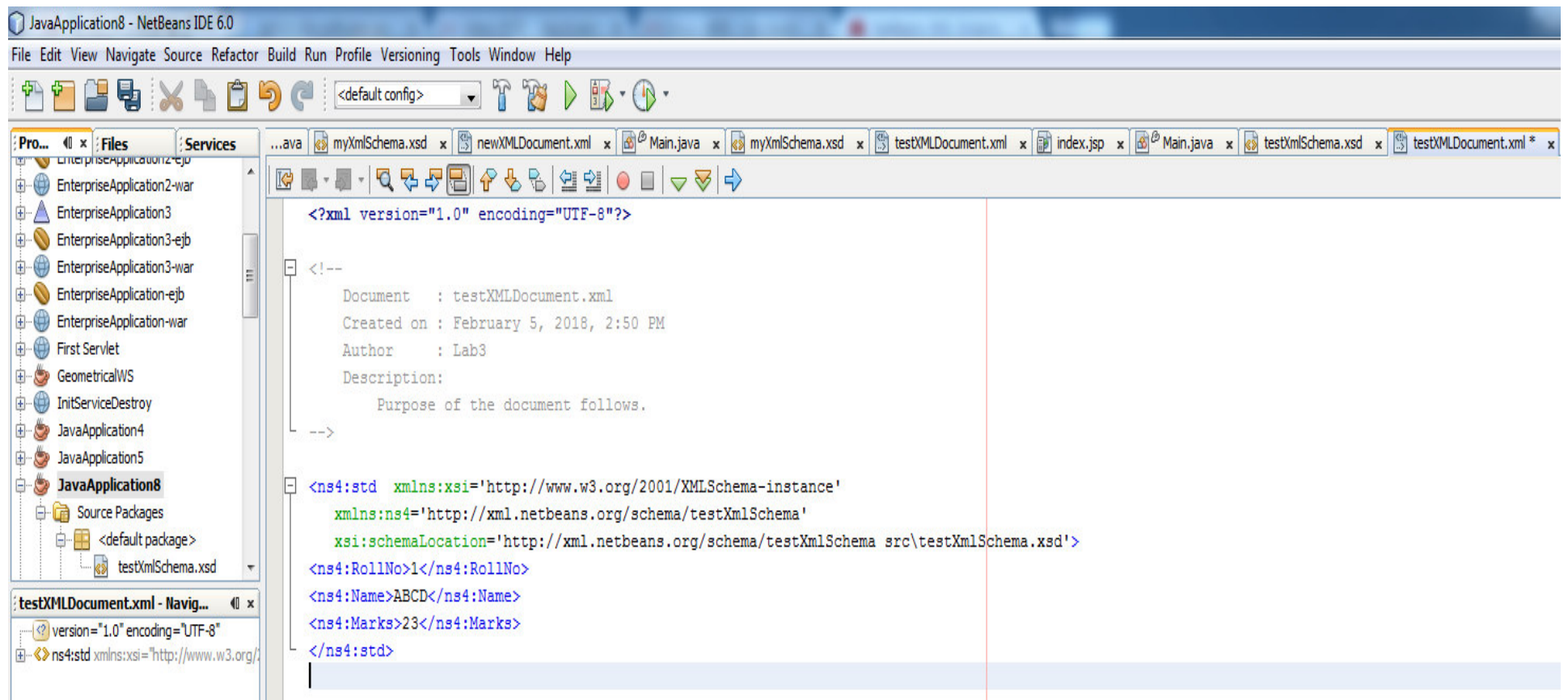


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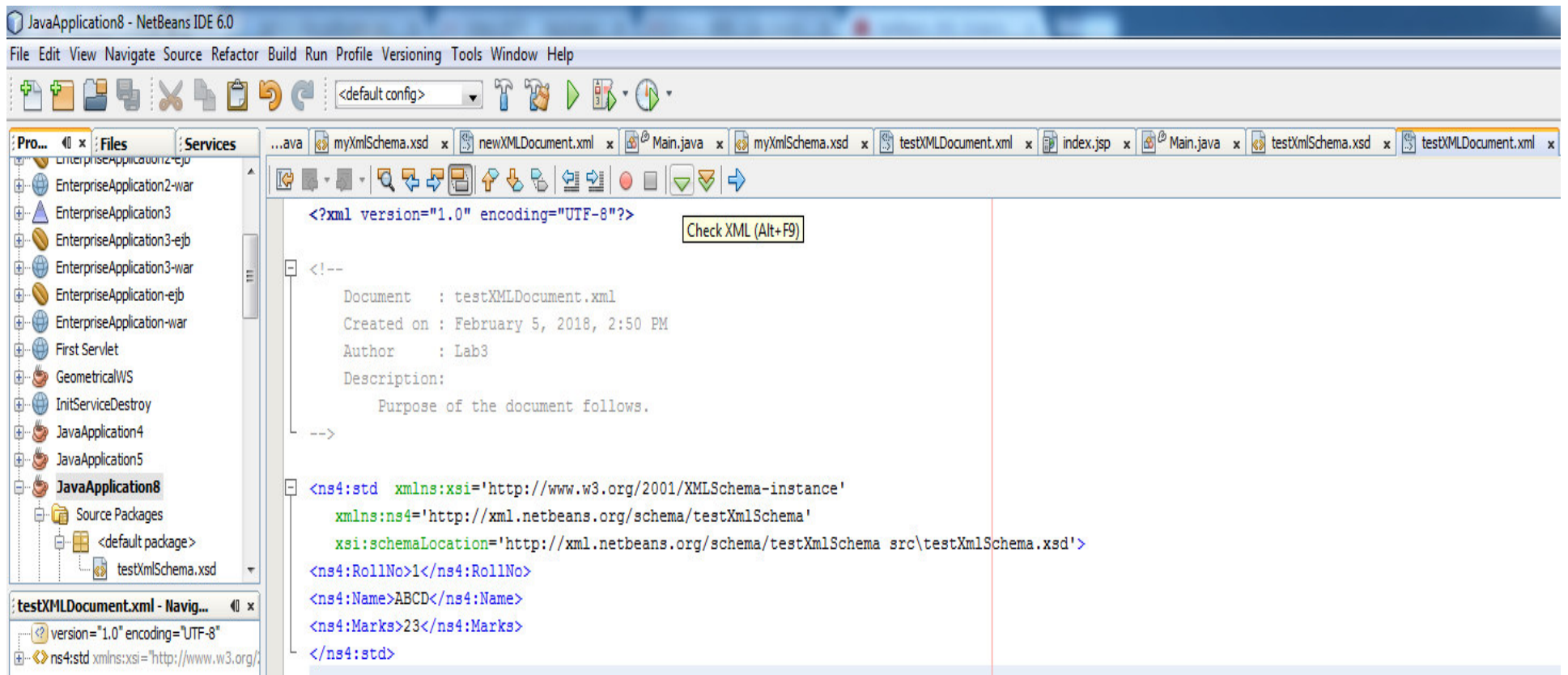




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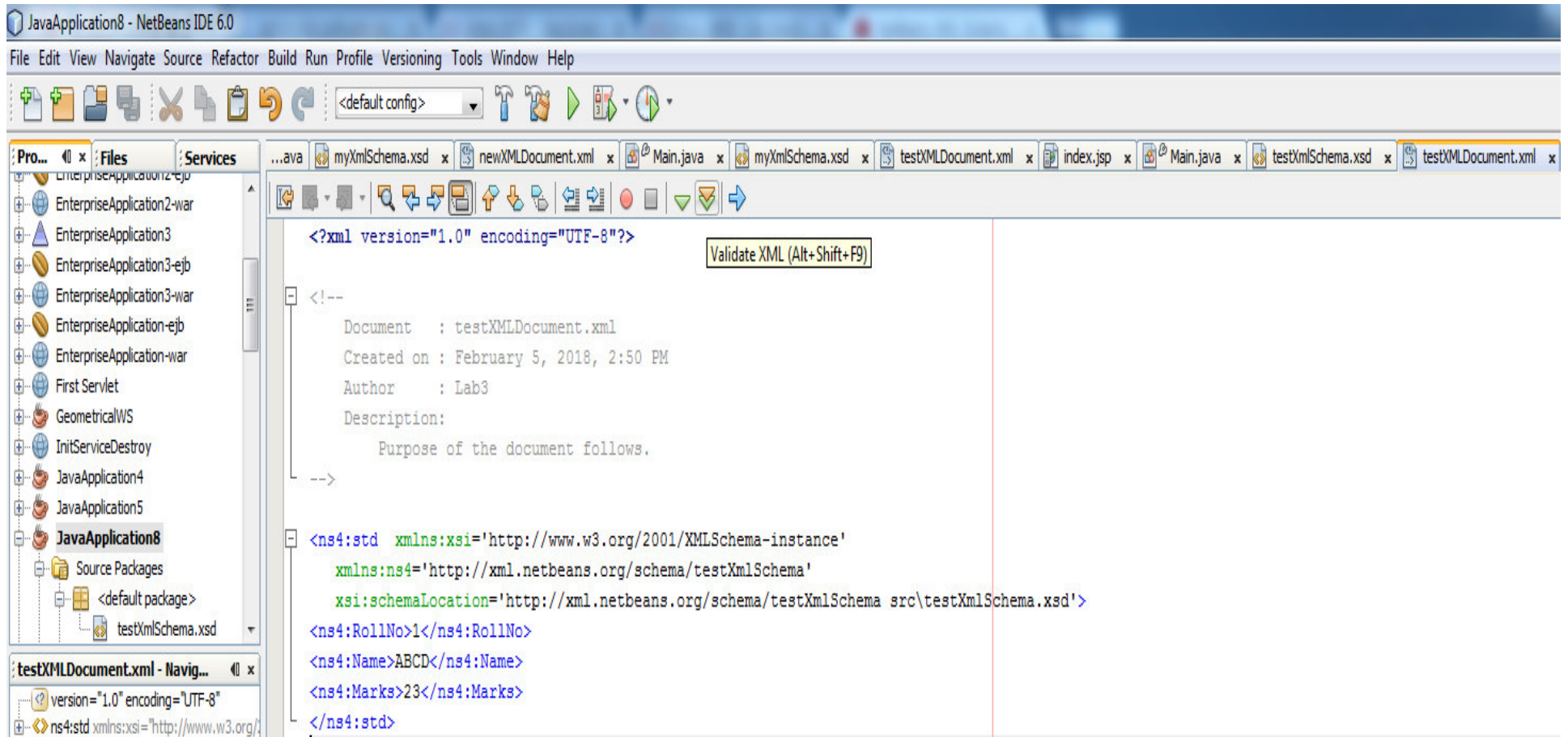


## Step 4: Check XML Document



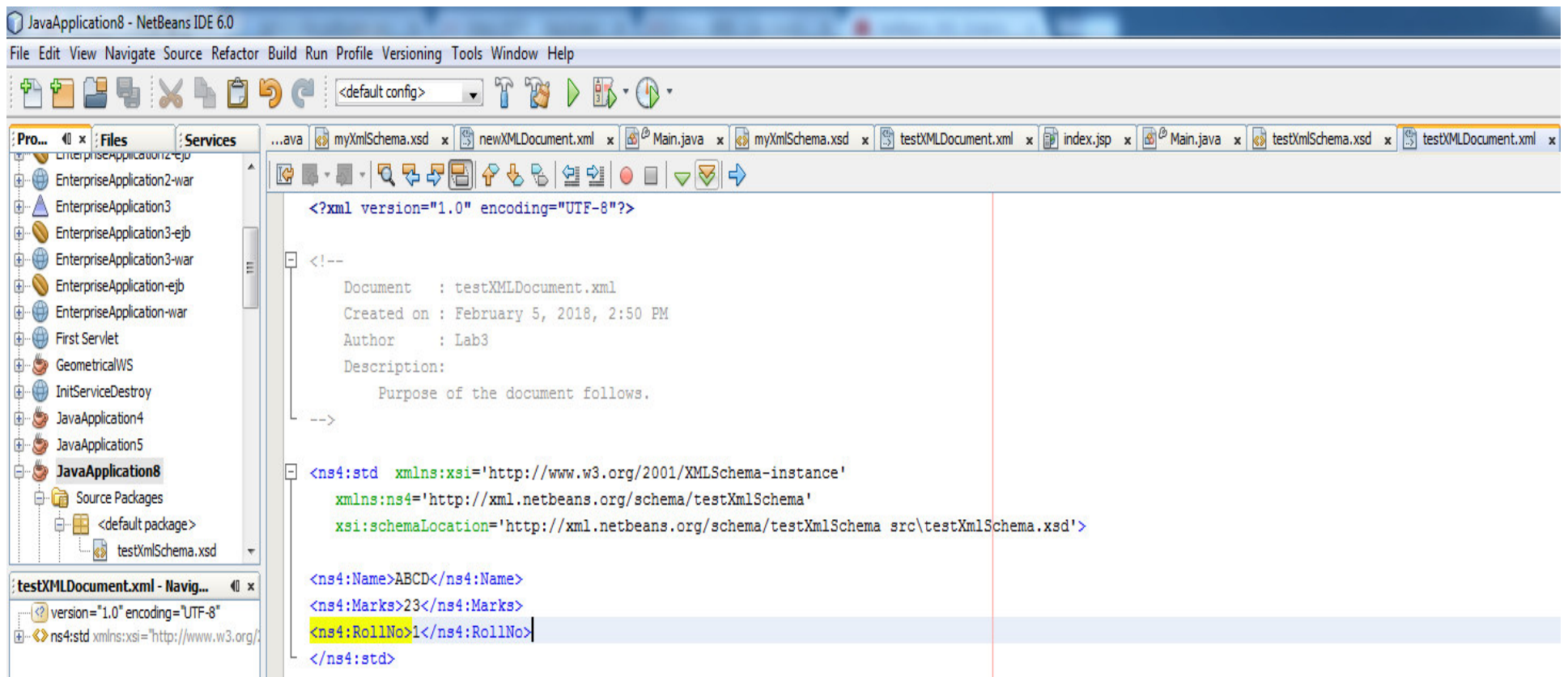
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## Step 5: Validate XML Document (Valid)



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## Step 6: Validate XML Document (In-Valid)



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