

# VALIDATING JSF FORMS

## Required Fields



# Topics

- Required Fields Demo
- Creating Required Fields
- Displaying Validation Error Messages
- Full JSF Page Example

# Required Fields Demo

A screenshot of a Firefox browser window displaying a "Student ONE Registration Form". The window title is "Student ONE Registration Form". The URL in the address bar is "localhost:8080/validate-demo/faces/student\_one\_form.xhtml". The page contains three text input fields labeled "First name:", "Last name:", and "Email:", each with an empty input box. Below these fields is a "Submit" button. A cursor is visible over the "Submit" button.

# Creating Required Fields

```
Last name: <h:inputText value="#{studentOne.lastName}"  
label="Last name"  
required="true" />
```

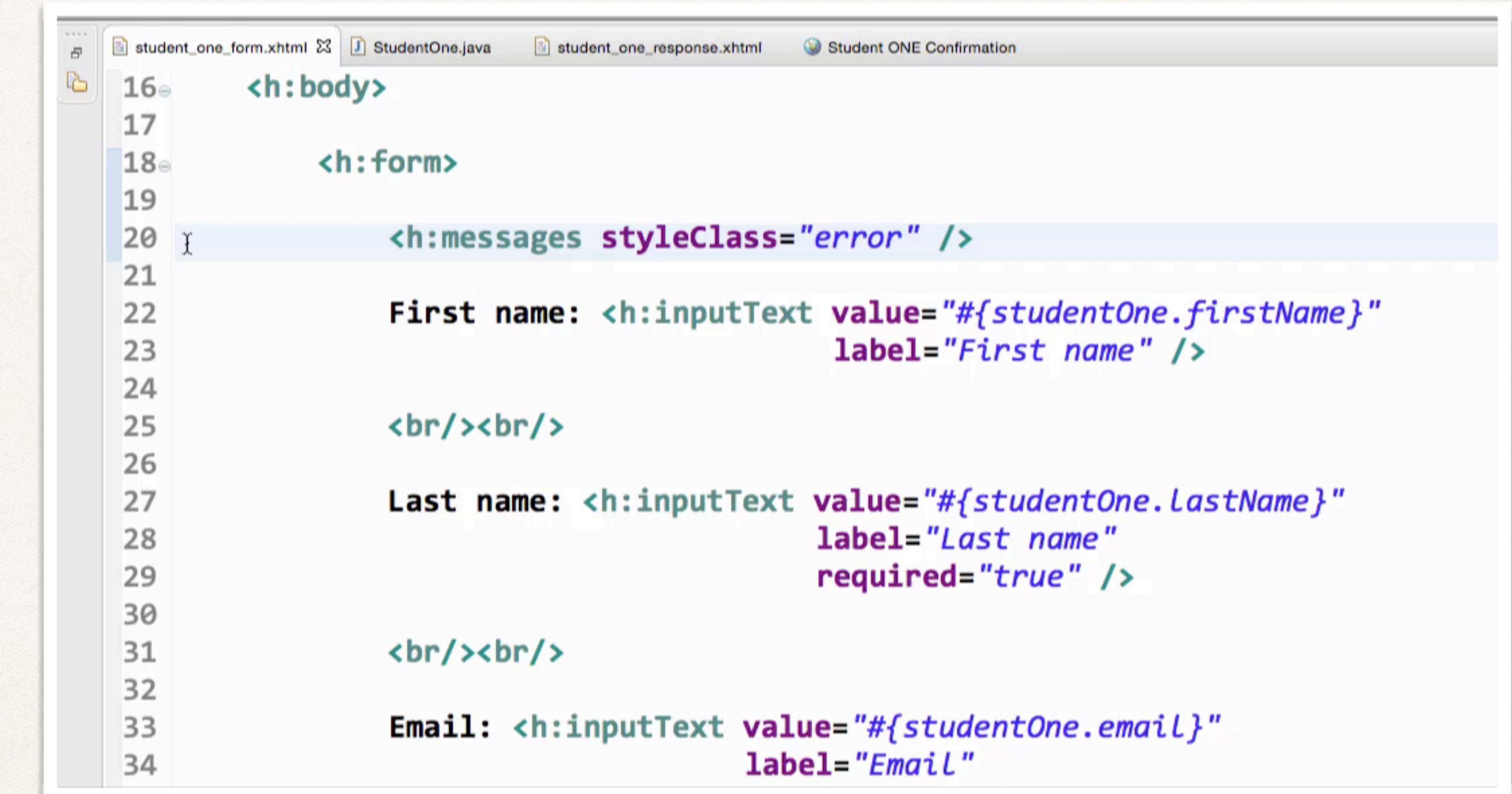
# Displaying Error Messages

- Last name: Validation Error: Value is required.
- Email: Validation Error: Value is required.

First name:

Last name:

Email:



The screenshot shows an IDE interface with several tabs at the top: student\_one\_form.xhtml, StudentOne.java, student\_one\_response.xhtml, and Student ONE Confirmation. The main area displays the XML code for the form page:

```
<h:body>
    <h:form>
        <h:messages styleClass="error" />
        First name: <h:inputText value="#{studentOne.firstName}"
            label="First name" />
        <br/><br/>
        Last name: <h:inputText value="#{studentOne.lastName}"
            label="Last name"
            required="true" />
        <br/><br/>
        Email: <h:inputText value="#{studentOne.email}"
            label="Email" />
```

# Pulling It All Together

`student_one_form.xhtml`

First name:

Last name:

Email:

**Submit**

Managed  
Bean

`student_one_response.xhtml`

The student is confirmed: John Doe  
Email: john.doe@luv2code.com

# Displaying Error Messages on the Field

- ✿ Remove **<h:messages />**
- ✿ Next to each form field, use

**<h:message for=“the\_field\_id” />**

# Summary

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