

## Solution Approach

My solution approach was to follow the guidelines of the lab and to have an html, js, and css file for both validation 1 and validation 2. I wanted to create external css files to make my validation form look clean and to avoid cluttering my html files with inline css. For the validation images, I spent a lot of time looking at the example files and learning what they were doing so that I could replicate the validations for all of the fields, including name, address, phone, and all of the additional fields that each require different characters for successful validation. Also, I used <div> tags in my html to keep an aligned format for both of the forms that I created.

## Required Output

**Create two forms in HTML and validate entries of the forms using javascript:**

1. Here is what my first form (validation1.html) looks like. It contains all required fields and a continue button:



### Validation Form

First Name:

Last Name:

Gender:

▾

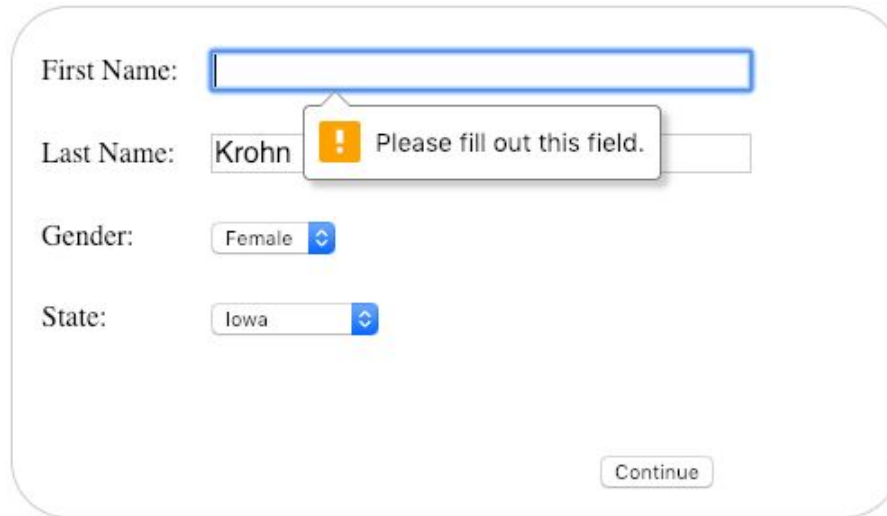
State:

▾

Continue

2. When filling out the fields, a message will pop up if a required field is left blank:

## Validation Form



A validation form with four fields: First Name, Last Name, Gender, and State. The First Name field is empty and highlighted with a blue border. A yellow tooltip with an exclamation mark icon and the text "Please fill out this field." points to the First Name field. The Last Name field contains the text "Krohn". The Gender field is a dropdown menu with "Female" selected. The State field is a dropdown menu with "Iowa" selected. A "Continue" button is located at the bottom right of the form.

First Name:

Last Name:

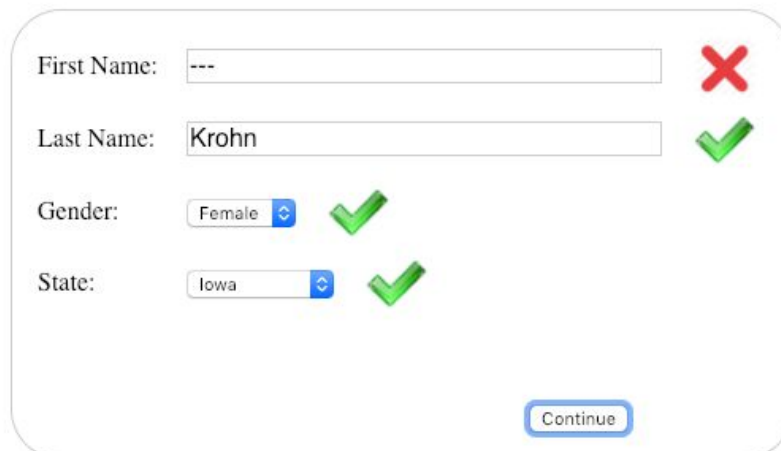
Gender:

State:

[Continue](#)

3. Additionally, if invalid characters are used, that field will not be approved/validated (shown by the red "x"):

## Validation Form



A validation form with four fields: First Name, Last Name, Gender, and State. The First Name field contains "---" and has a red "X" icon to its right, indicating it is invalid. The Last Name field contains "Krohn" and has a green checkmark icon to its right, indicating it is valid. The Gender field is a dropdown menu with "Female" selected and has a green checkmark icon to its right, indicating it is valid. The State field is a dropdown menu with "Iowa" selected and has a green checkmark icon to its right, indicating it is valid. A "Continue" button is located at the bottom right of the form.

First Name:

Last Name:

Gender:

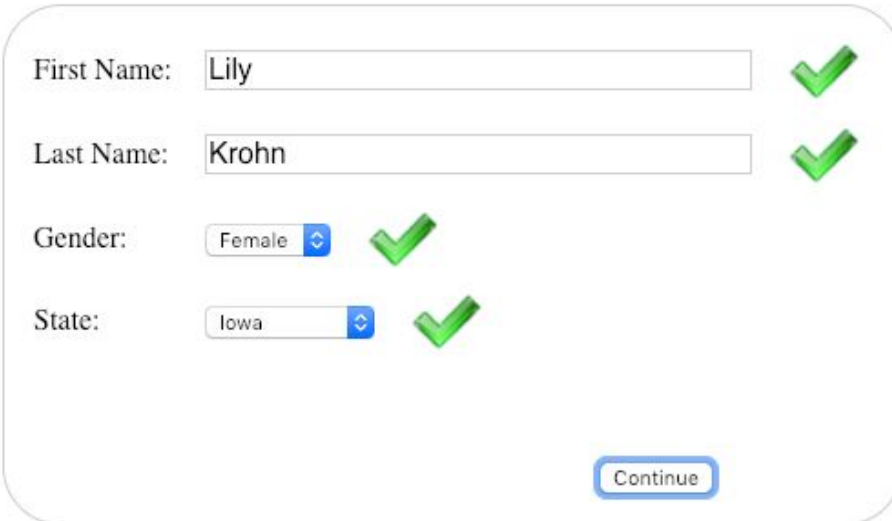
State:

[Continue](#)

4. When all information entered is correct, each field is marked with a green check mark, and the page automatically loads the Contact Information (validation2.html) page 3 seconds after clicking submit (I had the page wait 3 seconds just so that the user could see their validation for a moment before the page change):

a.

## Validation Form



A validation form with four fields: First Name, Last Name, Gender, and State. Each field contains a value and is followed by a green checkmark icon. The First Name field contains 'Lily', the Last Name field contains 'Krohn', the Gender dropdown menu is set to 'Female', and the State dropdown menu is set to 'Iowa'. A 'Continue' button is located at the bottom right of the form.

First Name:	<input type="text" value="Lily"/>	✓
Last Name:	<input type="text" value="Krohn"/>	✓
Gender:	<input type="text" value="Female"/>	✓
State:	<input type="text" value="Iowa"/>	✓

b.

## Contact Information



A contact information form with three fields: Email, Phone, and Address. Each field is an empty text input box. A 'Submit' button is located at the bottom right of the form.

Email:	<input type="text"/>
Phone:	<input type="text"/>
Address:	<input type="text"/>

5. Next, when filling out the contact information, if a field format is not validated, red “x”s are once again displayed:

## Contact Information

Email:	<input type="text" value="lilykrohn@gmail.c"/>	✗
Phone:	<input type="text" value="123--4"/>	✗
Address:	<input type="text" value="2014 Hawthorn Court Drive"/>	✓

6. However, if the fields are all validated, three green check marks will appear on the user’s screen, along with an alert that says “Submission received!” one second after submit is clicked:

a.

## Contact Information

Email:	<input type="text" value="lilykrohn@gmail.com"/>	✓
Phone:	<input type="text" value="9201234567"/>	✓
Address:	<input type="text" value="2014 Hawthorn Court Drive"/>	✓

b.

← → ↻ ⓘ File | file:///Users/Lily/Documents/SE319/HW2/HW02/Files/validation2.html

Apps AccessPlus Canvas Piazza Co tbook

## Contact Information

Email:  ✓

Phone:  ✓

Address:  ✓

This page says

Submission recieved!

OK