



Comparing Two Inputs



Email comparison

Preferred email address:

Repeat email address:

Confirm Emails!

Validating Input

- What?
 - Compare that two emails are the same
- How?
 - HTML: email input type and required attribute
 - JavaScript
- When?
 - As soon as the second email is entered



Validating at Input Time

- Which event?
 - oninput and onchange are both options
- What should we compare?
 - Is it the inputs, or some attribute of the inputs?
- What is the output?
 - How do we communicate the result of the comparison?

Preferred email address:

Repeat email address:



The page at s.codepen.io says:

The two emails must match!!

OK



Hmmm.....

- We check, but it doesn't have "teeth"
- How can we stop the form submission?

Validating Input

- What?
 - Compare that two emails are the same
- How?
 - HTML: email input type and required attribute
 - JavaScript
- When?
 - As soon as the second email is entered
 - And on the submit!!

“return”

- Functions can return values (Numbers, Strings, Booleans, Objects, Arrays...)
- We can use a boolean return value to halt an action



Review

- You want to be careful of what you are comparing and when
- JavaScript is still a great tool for verifying the input
- Make sure you can create a basic form before you try to add interactivity

Acknowledgements/Contributions

These slides are Copyright 2015- Colleen van Lent as part of <http://www.intro-webdesign.com/> and made available under a Creative Commons Attribution Non-Commercial 4.0 License. Please maintain this last slide in all copies of the document to comply with the attribution requirements of the license. If you make a change, feel free to add your name and organization to the list of contributors on this page as you republish the materials.

Initial Development: Colleen van Lent , University of Michigan School of Information

