**\_nology**

Portfolio Project – Retrieving Messages

# Overview

In the last challenge we began storing our messages in sessionStorage, now we need to retrieve these messages and render them to the page.

# Goals

1. **Retrieving and Rending Messages:** The goal of this challenge is to retrieve our stored contact messages and render them to the page.

# Specifications

### Make the following changes to your project:

* Create a dl element with an id
  + This is where we’ll render our list items
* Create another JavaScript function
* Inside this function retrieve messages from sessionStorage
  + See: <https://www.w3schools.com/jsref/met_storage_getitem.asp>
  + See: <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/JSON/parse>
* For each of the messages retrieved create an HTML string with the following:
  + A <dt> that include the message’s full name and email
  + A <dd> that contains the message content
  + A <br /> for space
  + Add the HTML string to an array
  + Building Strings: <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Addition_assignment>
  + Using variables inside strings: <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Template_literals>
  + Further examples: <https://css-tricks.com/template-literals/>
  + Looping through arrays: <https://www.w3schools.com/js/js_loop_for.asp>
* Select the dl element on the page by id
  + Using the .innerHTML property, render your HTML strings to the page
  + InnerHTML: <https://developer.mozilla.org/en-US/docs/Web/API/Element/innerHTML>
  + You can either loop through your strings and use the += operator, or you can set innerHTML to yourArray.join(‘’)
  + Array join: <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/join>
* You will have to call your function in order to render the messages
  + You should call your function inside your contact submission function
  + You should also call your function on page start

# Useful Resources:

* InnerHTML with arrays: <https://stackoverflow.com/questions/26316536/javascript-array-and-innerhtml>
* For loops: <https://www.youtube.com/watch?v=24Wpg6njlYI>
* Template Literals: <https://www.youtube.com/watch?v=NgF9-pdTDGs>

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