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| Sprint 9, Assignment 4.8 Please also update the doc name with correct numbers. | |
| Assignment type: JS Interactive | |
| Assignment name  Can remain the same as the assignment topic name, or…  can be created depending on the task in the active form, e.g. “Create your own X” | “More complex nested function with loops” |
| BDG Description\*  What is the task and why is it important?  In this part, it’s encouraged to think about storytelling and future job-specific context e.g. “You’ve been asked to help out X with Y. They want Z on their website, yet aren’t too sure on how to achieve it”.  Drawing on practical examples and adding context can increase a student's motivation and increase long term learning according to Instructional Design principles, because this helps to relate some familiar or existing knowledge to new bits of information.  This will appear in the course as text before a button, leading to the interactive platform assignment. | The head admin elf is at it again, and he has more last-minute changes to make to your code. It occurred to him that some children may have multiple parents in addition to multiple addresses. This is sensitive information, but he would like you to begin storing the names of each child’s parents. |
| The Assignment  A short specific description of the assignment and tasks using bullet points that the student will need to do. | * Create a nested function * That uses a loop * To return something |

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| Steps  Step-by-step instructions on what the student should do. | | |  |
| Step # | Step  Write each small step of the task | At least 1x hint(s)  Write some text (not necessarily, but can also be a part of code if relevant) which would hint the student to figure out the correct step forward. | The correct output should be…  (if relevant to the task) |
| 1 | Add at least two parent names | Using another array of strings, insert first and last names of at least two parents into your instance declaration | …      let recipiant1 = new deliveryRecipiants("elf987", [`Ilyana`, `Petrov`], true, 8, ["school", "735 Boyle Hill Rd", "Breaker Dorm, 201B", "Scarsdale", "New York", 10257], ["Anya Petrov", "Ekaterina Petrov"]) |
| 2 | In your next nested function, use a loop | Note: make sure you add the additional parameter ‘parents’ to your constructor’s inputs  Note: in one possible solution (at-right), two more methods have been used - .concat is combining the individual parents into one string, and .slice is removing the final ` & ` | …          function parentCombine() {              let result = ``;              for (const element of parents) {  *// console.log(element);*                  result = result.concat(element + ` & `);              }              return result.slice(0, -3)          }          this.parents = parentCombine(parents);  … |
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