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| Sprint 9, Assignment 3.8 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” | “Declare and Call a Function” |
| 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. | Is optimization the spice of life? Your elf manager certainly thinks so, and wants you to add more automation to the process: create a “method” function that will store delivery information automatically into an hash/object, and then invoke that method on some new address data. Note: If you begin to feel like a wizard, this is an appropriate feeling! |
| The Assignment  A short specific description of the assignment and tasks using bullet points that the student will need to do. | * Declare a function * Add arguments to be executed * Return one or more parameters |

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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 | Declare a new 'address' function, and use they 'address' keys to give it parameters |  | function address(type, line1, line2, city, state, zip) {} |
| 2 | Set default parameters for these arguments |  | function address(type = "primary", line1 = "No data given", line2 = "No data given", city = "No data given", state = "No data given", zip = 0) {          this.type = type;          this.line1 = line1;          this.line2 = line2;          this.city = city;          this.state = state;          this.zip = zip;      } |
| 3 | Store address data in a new instance variable using your newly-created 'address' function |  | let address1 = new address("school", "735 Boyle Hill Rd", "Breaker Dorm, 201B", "Scarsdale", "New York", 10257) |
| 4 | Store the same data by calling your function within the invocation of your 'Kid' function |  | let kid6 = new Kid(          "elf123",          [`Barry`,`Weiss`],          true,          17,          new address("school", "735 Boyle Hill Rd", "Breaker Dorm, 201B", "Scarsdale", "New York", 10257)          );      console.log(kid6); |
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