|  |  |
| --- | --- |
| Sprint 9, Assignment 3.9 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” | “Function vs Method” |
| 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. | Time to move-on from our original code, and begin developing a new, better Xmas algorithm: you need to create “constructor function 2.0”! Start small, and build to candy cane greatness! |
| The Assignment  A short specific description of the assignment and tasks using bullet points that the student will need to do. | * Use a method in your function * Declare a function within a function |

|  |  |  |  |
| --- | --- | --- | --- |
| 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 | Copy your 'Kid' constructor and name it something like 'deliveryRecipiants'.  Also, create an instance object of this constructor called 'recipiant1' and give it new data |  | function deliveryRecipiants(elfManager, fullName, nice, nocppy, address) {          this.elfManager = elfManager;          this.fullName = fullName          this.nice = nice;          this.nocppy = nocppy;          this.address = address;      }      let recipiant1 = new deliveryRecipiants("elf987", [`Ilyana`, `Petrov`], true, 8, ["school", "735 Boyle Hill Rd", "Breaker Dorm, 201B", "Scarsdale", "New York", 10257]) |
| 2 | Use a method in your new function | Use a '.join' method on your 'fullName' instance variable to return a single string with first and last, seperated by a space. | …  this.fullName = fullName.join(` `);  … |
| 3 | Create a new function nested-within your 'deliveryRecipiants' function that returns a string |  | …  *// An internal function that returns something (basic)*          function greeting(){              return  `Ho Ho HOooo!`;          };          this.salutation = greeting();  … |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| ... |  |  |  |