| Sprint 8, Assignment 12.5 Please also update the doc name with correct numbers. | |
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| 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” | “Manipulating Array Items” |
| 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. | You’ve volunteered to organize a surprise birthday dinner for your best friend and need to get a headcount on who will be attending. Of course, this is an excellent opportunity to use our coding skills! Using array methods, try to deal with guest list changes as they inevitably come …  Note: as with every assignment, use console.log as you go to see what’s happening to your array |
| The Assignment  A short specific description of the assignment and tasks using bullet points that the student will need to do. | Use .push, .pop, .unshift, and .shift methods on an array |

| Steps  Step-by-step instructions on what the student should do. | | |  |
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| 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 | Create an array of names you think will be going |  | **let friends = ["Sarah", "Lukas", "Claude", "Annette", "Matthias"];**  **console.log(friends);** |
| 2 | Add “Darius” to the list, using the .push method |  | let friends = ["Sarah", "Lukas", "Claude", "Annette", "Matthias"];  console.log(friends);  **friends.push("Darius");**  console.log(friends); |
| 3 | You discover your friend’s sister will be in town, and must be included - use the .unshift method to make sure she’s first on the list |  | let friends = ["Sarah", "Lukas", "Claude", "Annette", "Matthias"];  console.log(friends);  friends.push("Darius");  console.log(friends);  **friends.unshift("Elizabetha");**  console.log(friends); |
| 4 | You just got a text on your phone from Darius “I’m not feeling well.” Remove him from the list using the .pop method |  | let friends = ["Sarah", "Lukas", "Claude", "Annette", "Matthias"];  console.log(friends);  friends.push("Darius");  console.log(friends);  friends.unshift("Elizabetha");  console.log(friends);  **friends.pop();**  console.log(friends); |
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