**Challenge: Build an advanced function**

Selecting transcript lines in this section will navigate to timestamp in the video

(upbeat music) - [Instructor] Ready for another challenge? Here I want you to take everything you've learned so far and put it all together to build an advanced function. This is kind of a mega challenge. In the exercise files for this challenge, I've updated our projects to provide a new folder called components that holds our Backpack class, as well as this new file called data.js. Inside data.js, we import Backpack, then we create two new Backpack object, one with the name everydayPack, and one with the name frogPack, and then down here, we create a new constant called backpackObjectArray that sets up an array that contains these two Backpack objects. So now we have an array of objects. This Backpack object array is what's exported here down at the bottom of data.js. Your task is to now import that new object array into script.js and then create a loop that loops through each of the items of the array to output the Backpack objects one at a time in the page. That way, instead of having a page that just has one Backpack, you'll have a page that has two Backpacks. Here's a breakdown of what you need to do. First off, map through the data array to output an HTML article for each of the objects. And here we already have all the setup for the HTML object and everything, you just need to figure out how to grab each object and pass it in and then have a variable names that actually work. And then secondly, you need to append each article to the main elements, so you can see them both in the browser. You can solve this challenge by expanding the code already in the exercise files and do not take more than 20 minutes. If by the end of 20 minutes you haven't solved it yet, just stop what you're doing, go to the next movie and watch my solution and then you can come back to the challenge and try to solve it again.