**Solution: Add a new element**

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

(upbeat music) - [Instructor] Welcome back. Here's how I solved the Add a New Element challenge. In the exercise falls for this movie you'll find my solution where you can look at the code compare it to your own and see where they differ and where they are the same. To solve this challenge, I repeated the content creation process we've covered several times in the course so far. You'll find that code at the very end of script dot JS under a separate comment up here. First, I created a new constant called main nav. Here I used documents create element to create a new nav element then I grabbed that new main nav use class lists and add to add a new class to it called main navigation. This will be the class I target using CSS then I created another constant called nav list here again I used document create element only this time I created a ul. So now we have a nav element and a ul element. They're not connected together right now but they will be soon then up here I've set up a constant called nav content and use the template literal to just output five list items so here we have a list item then the link inside that points just at the hash so that it doesn't do anything then I've added some words inside. This can be anything basically just dummy content to test this out. Then we grabbed nav list and set the inner HTML to this nav content so just inject the code into the unordered list. So let me get an unordered list with five items. Then I grab main nav that would be the nav element we already have and I append nav list to it. So that way inside nav we now have a ul with all of these list items and then finally we use document query selector site header to find the site header and then we append main nav to the site header. Jumping over into index dot HTML, scrolling down a bit, you'll see here we have site header, it's the header and by using the append method we're effectively adding the nav at the bottom here before the header element ends. If I wanted to add it after I could use another method to add it after but it makes sense for a main navigation to sit inside the header of the document. Then finally I added some very basic style here just so that it looks okay. I'm targeting main navigation. You'll remember that's the class that's appended here to the nav. Then I'm using display flex to display the menu horizontally and I'm doing a little bit of tweaking just to make it look okay and then I grab each of the anchors so each of the links inside the main navigation ul set them to block and give them some padding so that they are split apart. Jumping over to the browser this is what it looks like here we have a navigation menu in the header that displays horizontally with equally spaced items and I am now ready to further expand it by adding actual links adding some proper styling and do whatever I want.