**Project Description/Summary**

This project involves wiring up the modal of the previous [JavaScript Filter project](https://jsbeginners.com/filter-project/). Because the filter project was separate from this modal project, this project was completed in its own app.js file. However, if I grab the IIFE from the previous filter projects app.js file, all functions (the two filters and now the modal) of this project should work.

**New Things Learned or Refreshed**

In this project, I struggled quite a bit. I first tried to code it entirely by myself without watching John's solution. My first snag was trying to add an eventListener to my node list of store items. I kept getting the error that my node list was not a function. Specifically, my error was storeItems.addEventListener is not a function. I found my solution on Stack Overflow after Googling the exact error: [storeItems.addEventListener is not a function.](https://www.google.com/search?q=storeItems.addEventListener+is+not+a+function) Turns out, I forget my storeItems was a node list. What I really was trying to do needed an eventListener on each of the items *within* the nodeList. So, I added a forEach to the nodeList and then added an eventListener forEach item. My second snag was an issue of trying to change the background images of the container that held the images. I thought I could simply use element.style.background = './img/image.jpg'. Turns out I needed to use the url function for my background property to work. (e.g. element.style.background = url(./img/image.jpg). Of course, in the code you'll see I made my life easier by using template strings.

**Time to Code**

This took about **2.5 hours**, start to finish, including watching John's solution and then going back to finish my own solution.

**Lines of Code**

This took 66 lines of code, including comments and white space.

**Biggest Take Away(s)**

I don't have to add .style when adding a classList to an element. It's simply element.classList.add() not element.style.classList.add(); I spent a lot of time thinking I can add individual properties to the CSS stylesheet itself. Can't be done (not that I know anyway). Add the style to the element. I spent a lot of time trying to access nested tags using JavaScript (e.g. <tag><img src=”source”></img></tag>.  (e.g. I tried to select the src but first selected <tag>, thinking I can access the <img> tag. Just go after the <img> tag itself. **Misspelling sucks and are often my biggest bugs!** I couldn't for the life of me figure out why a portion of my code wasn't working until I realized I misspelled the word, ‘background.' I spelled it ‘backgound'. See what I did there?