

Sunday, November 7, 2021  
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PUJ

## HW6B – Adding Functionality to a Website with JavaScript

Link to website: [https://miadaii.github.io/bakeshop\\_prototype/homework\\_6b/](https://miadaii.github.io/bakeshop_prototype/homework_6b/)

Link to source code: [https://github.com/miadaii/bakeshop\\_prototype/tree/main/homework\\_6b](https://github.com/miadaii/bakeshop_prototype/tree/main/homework_6b)

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### Reflection

1. **What challenges/bugs did you encounter?** This has been, by far, the hardest coding assignment I've ever had to complete. As someone who's a complete beginner at JS this was "pull your hair out" hard. I struggled with learning new concepts like event handlers and local storage within extremely tight time constraints. It was even harder directly applying these still foreign concepts immediately to my code. In particular, I struggled with getting localStorage to work with my code by carrying the information onto another page.
2. **How did I overcome these challenges?** One thing I did a lot this time around was seeking help, whether that was attending multiple office hours or watching long YouTube tutorials. In addition, I found that console.log became my new best friend, and I used it just about every time I wrote a new line of code. Additionally, a deep dive into Google about local storage helped me identify that the reason I couldn't transfer the data onto the next page was because I didn't understand how to use the "key" "value" pairs associated with local storage. Once I adjusted the names of my value, I was able to successfully transfer the data.
3. **What programming concepts did you learn as a part of the assignment?** As mentioned before, I became very familiar with **1. console.log to debug many of the errors in my code**. In addition, I'm beginning to grasp (but definitely still learning) **2. local storage to collect and hold data throughout my website** and **3. event handlers to handle user input / actions** (like taking in data when my add to cart button is clicked). Another thing I became familiar with implementing was **4.**

**arrays** and, in my case, how to push new items onto the arrays I've created. Lastly, I became familiar with **5. object constructors** and how to create new objects (in my case new cinnamon bun objects).

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## External Resources

[www.w3schools.com](http://www.w3schools.com)

<https://codepen.io/arkanecow/pen/mdMpJxr>