

<InfPALS/>

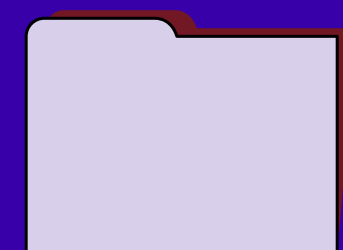
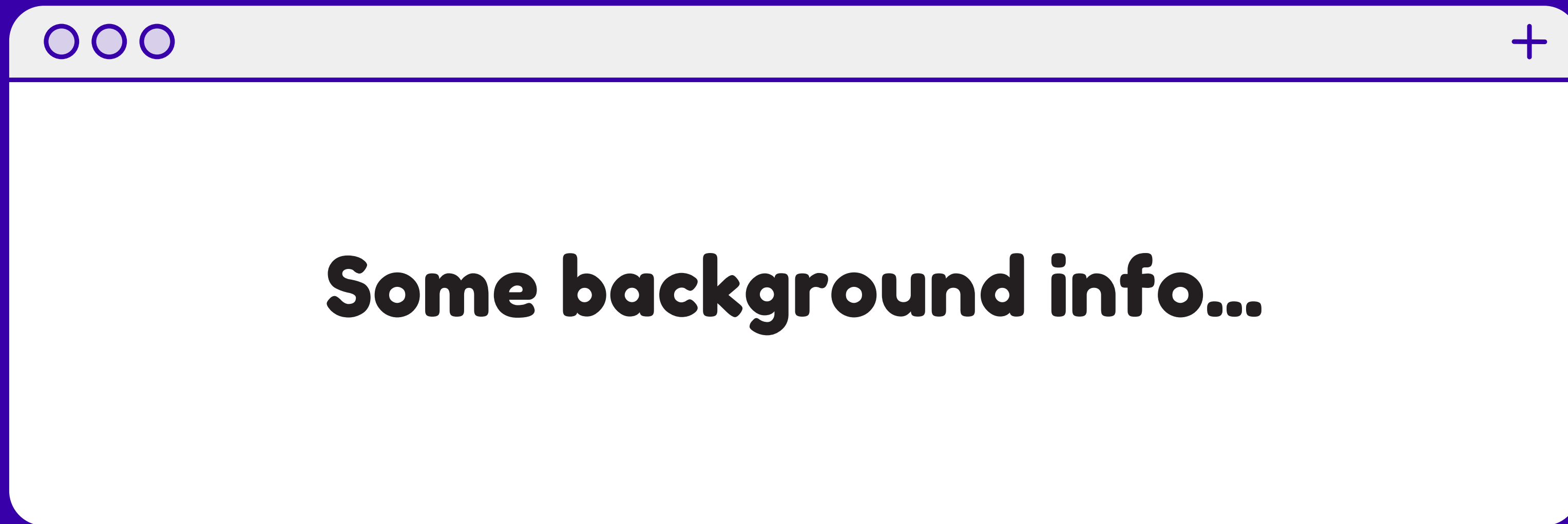


# What are we going to do today?



## Rebuilding Arrays

## Adding Items



# JavaScript

- Programming language made for developing websites
- Most know for building frontend web applications
- Used in combination with HTML and CSS



{.js}

**JavaScript**

# JavaScript Structures

## Function structure

- function function\_name  
    (parameter\_name){  
        body\_of\_the\_function  
    }  
)

{.jjs}

# JavaScript

# JavaScript Structures

## For Loop Structure

- `for ( let i = 0; i < number;  
i++{  
body_of_the_function  
}`

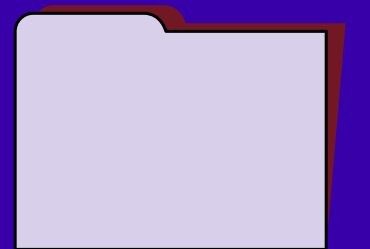
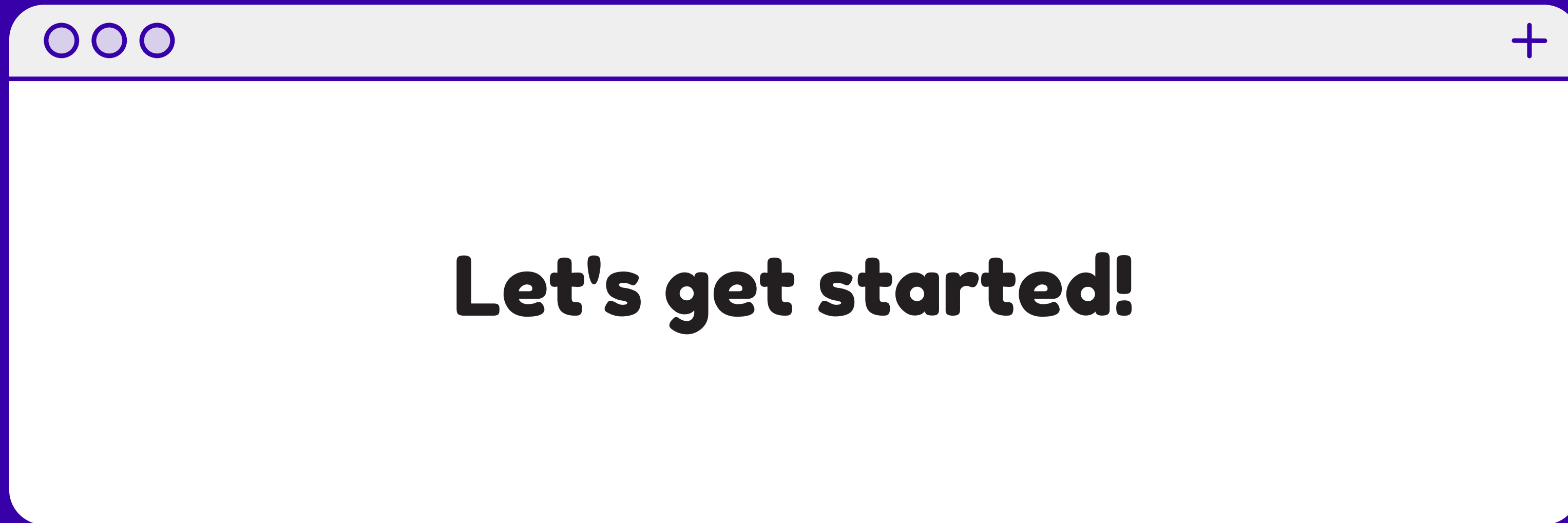
## Appending elems to the end of Array/List

- `name_of_array.push(elem)`

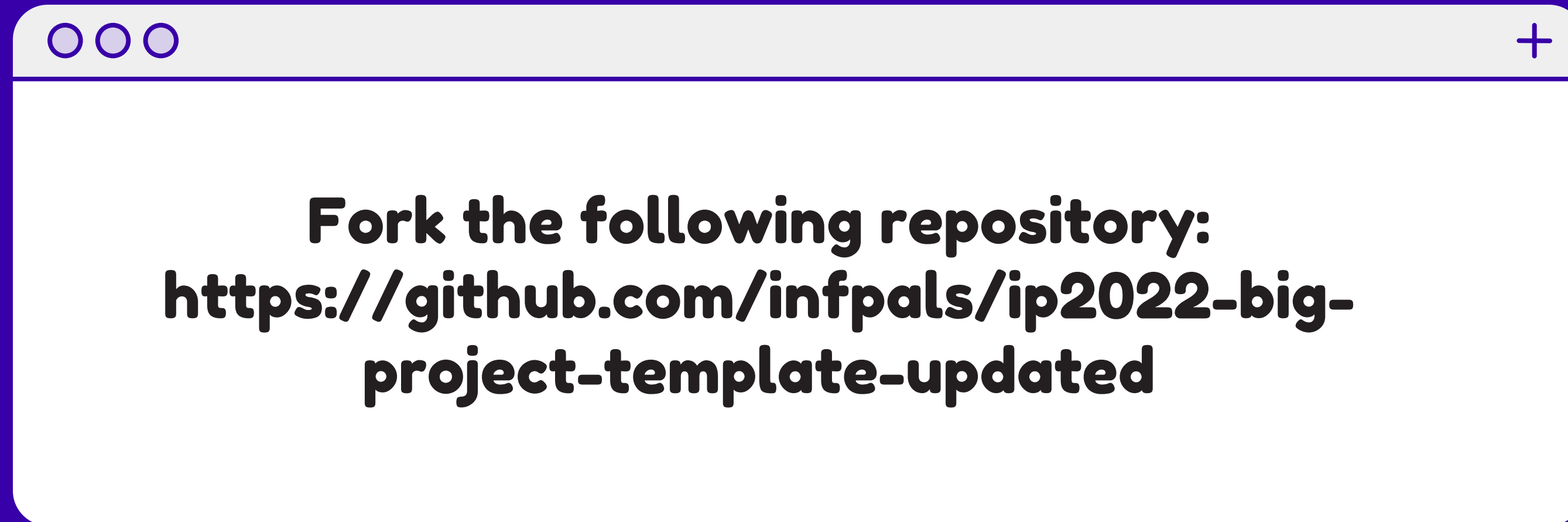
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JavaScript

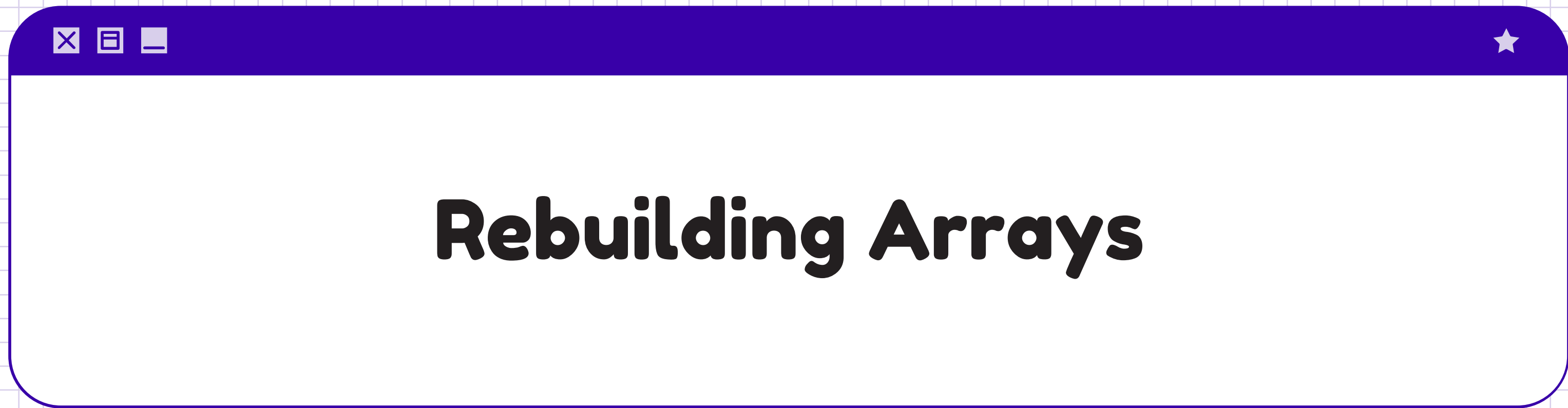
We hope you are having fun! ;)



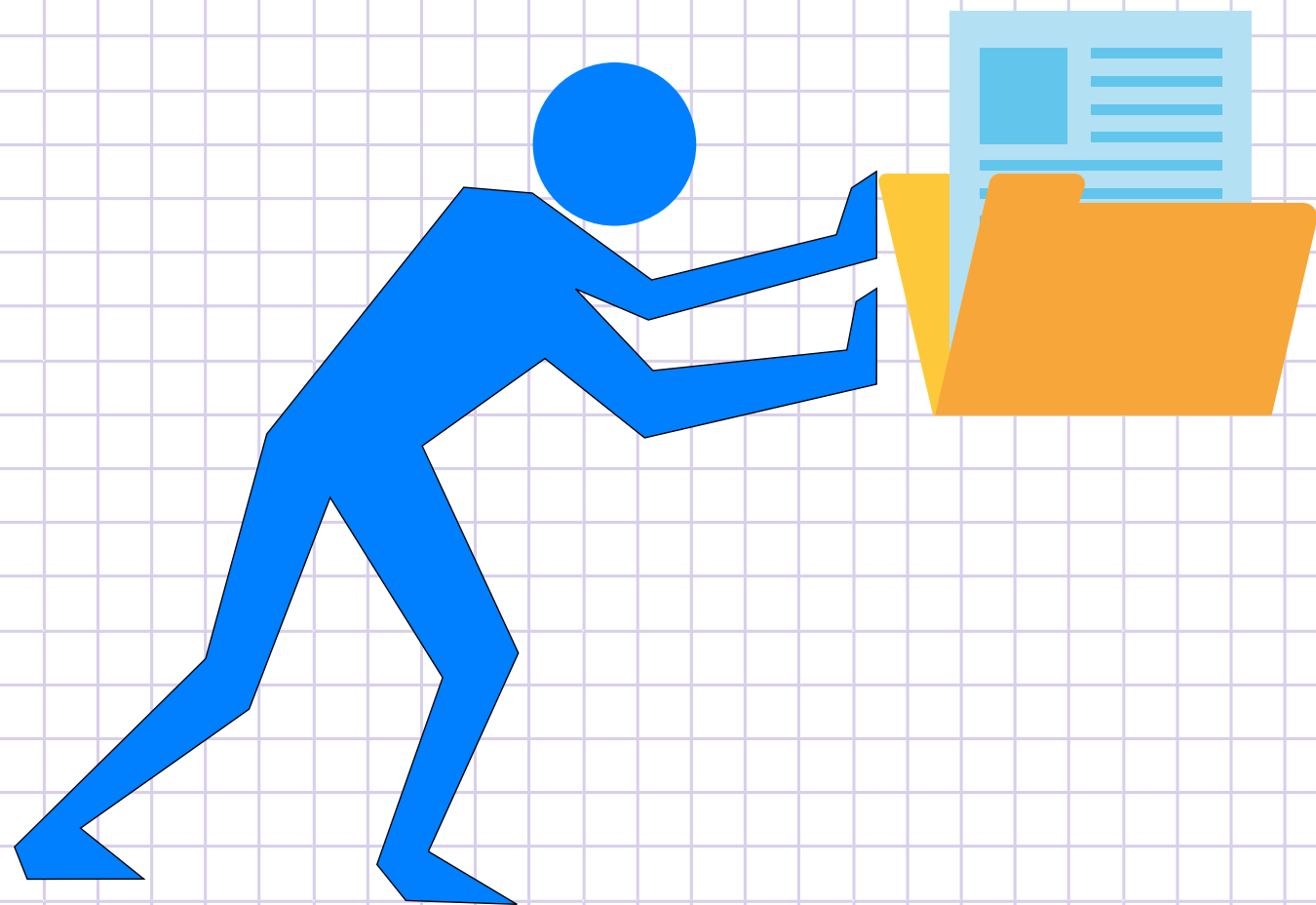
If you were not here last week ...







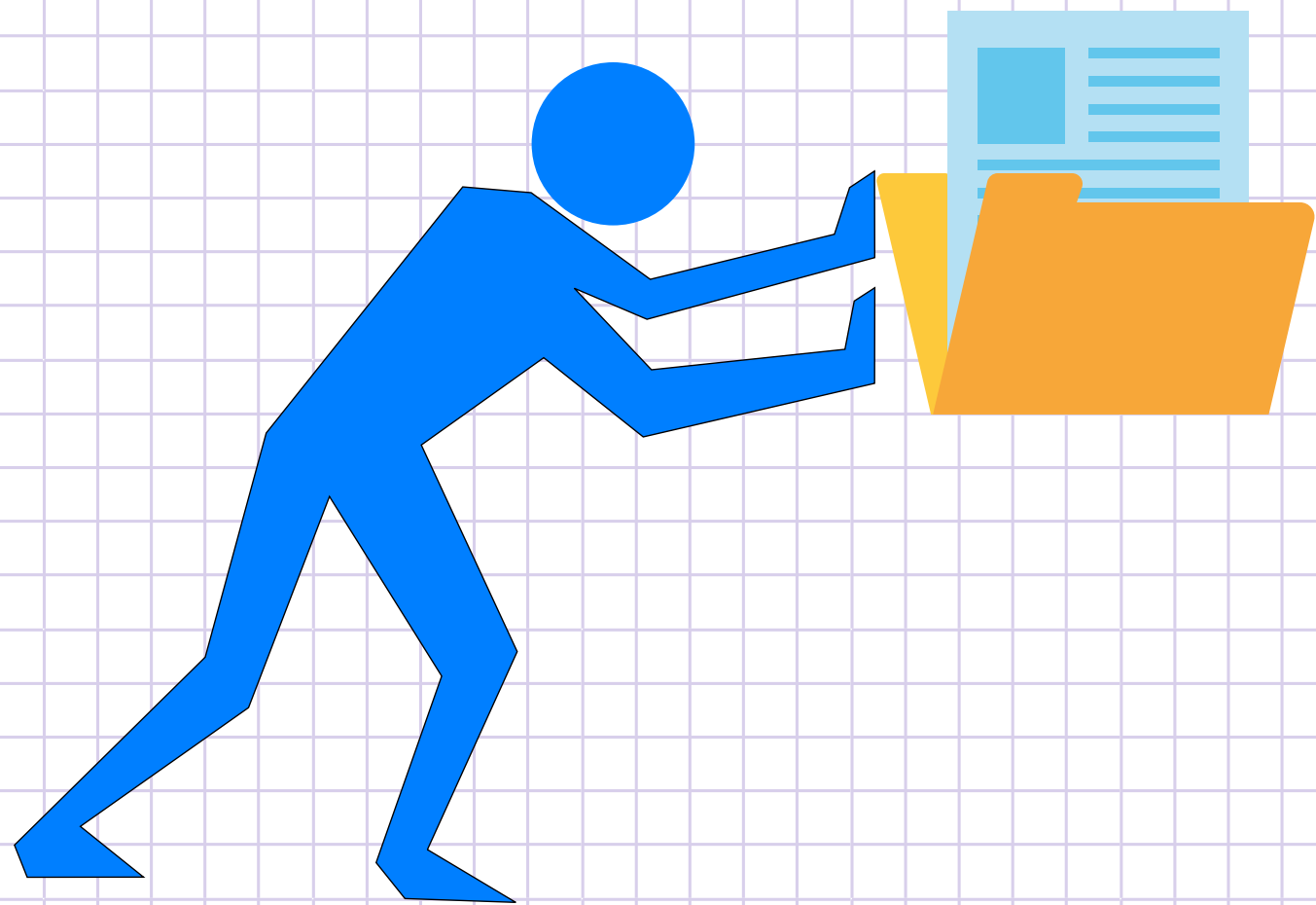
# Rebuilding Arrays



1. We need a new function that allows our arrays and local storage to reflect dragged and dropped items in new columns!

- Create a new function below our `updatedDOM()` called `rebuildArrays()` without passign it any parameter
- Call this new function in our drop function

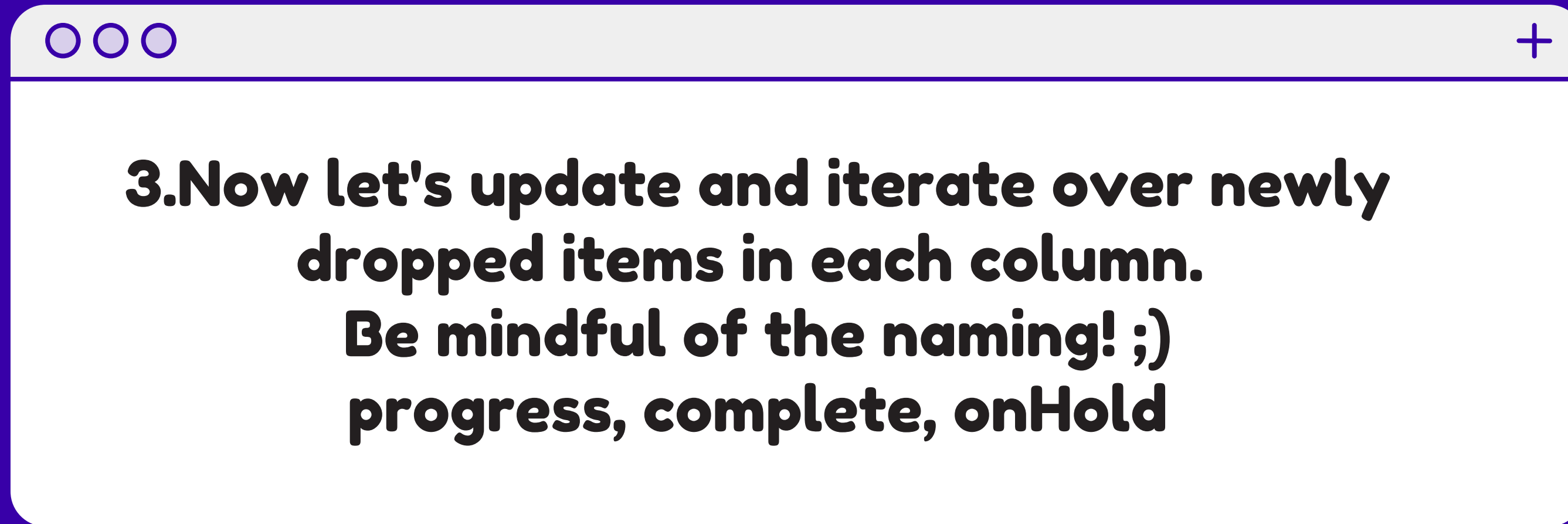
# Rebuilding Arrays



2. Let's iterate over each item in our backlog list (we got this from html) and update our local storage:

- First, set `backlogListArray = []`;
- Create a for loop that loops while `i < backlogList.children.length`
- Inside this loop, we want to add the newly dropped item to our array through `backlogListArray.push(backlogList.children[index].textContent);`

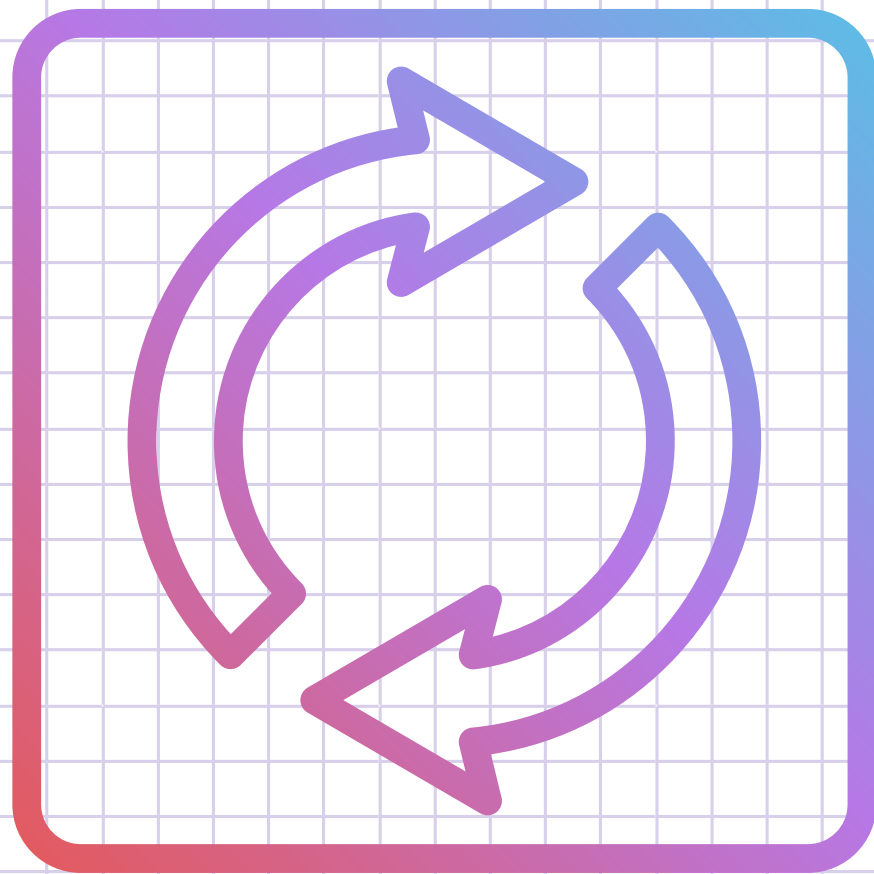
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**Open index.html in your browser. What happens if you  
reload the browser?**



# Rebuilding Arrays

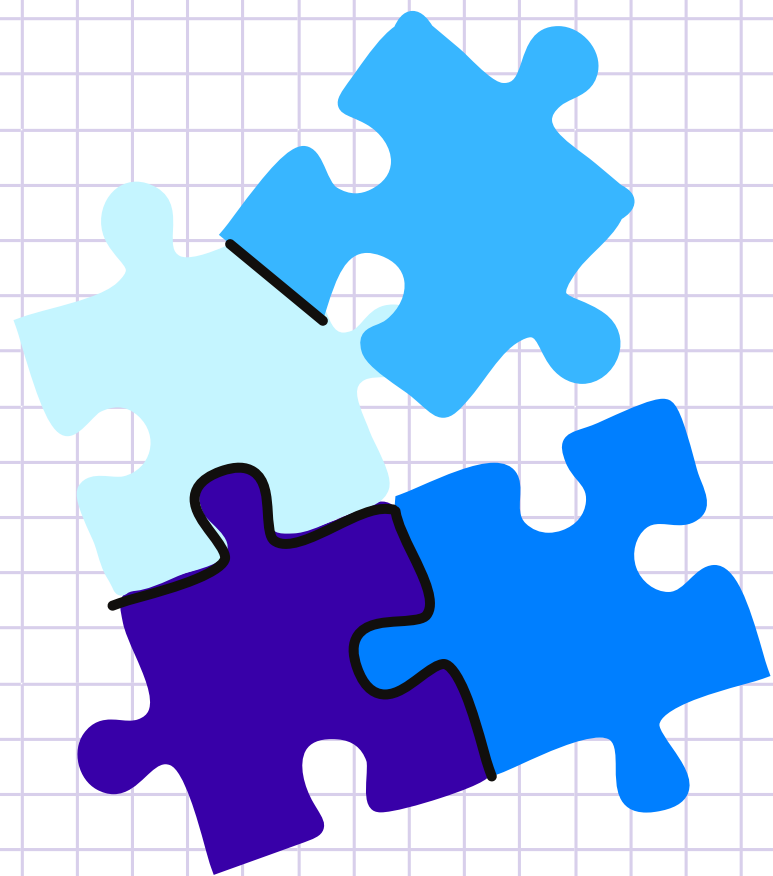


5. Let's update our DOM with the updated Arrays

- In our function `rebuildArrays` call the function `updateDOM()`;

# Rebuilding Arrays

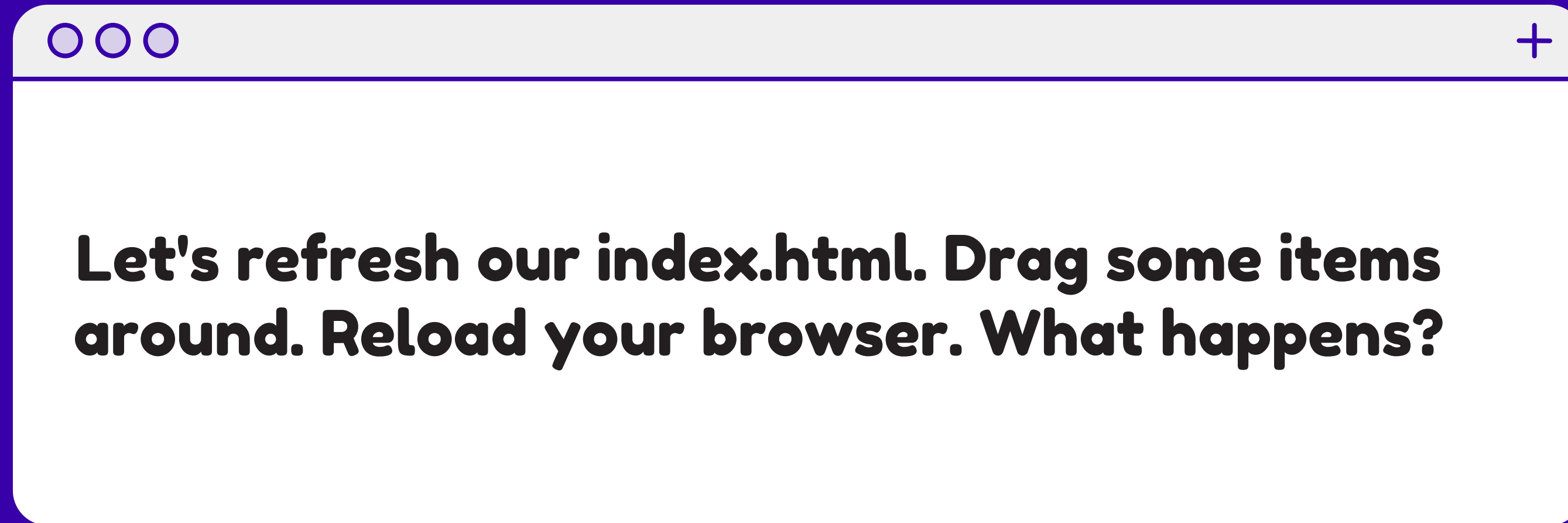
Put it together!

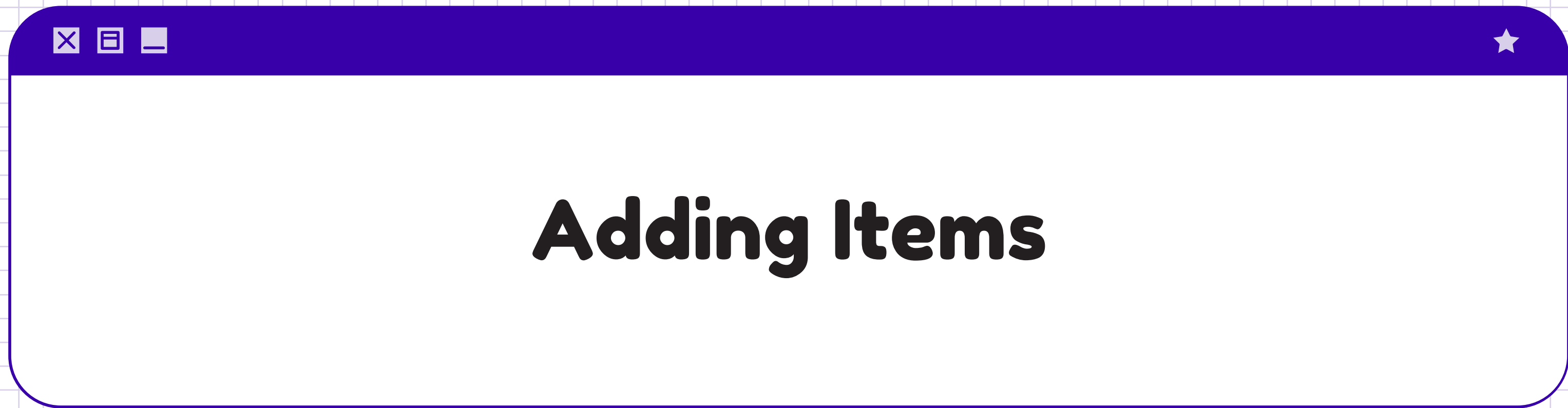


4. Lastly, let's save the updated columns

- At the end of UpdateDOM function
  - call `updateSavedColumns()` function
  - set `updateOnLoad` to true

If you were not here last week ...







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in 2022/2023**

