



Rare Bookstore Phase 2

Sheharyar Lalani

Search/Sort Book Screen

- Filter button: Book title, Author's Name, and Price
- Searchbar: will find the indicated book
- Sort button: Sorts the books based on the filter
- Reset button: resets the page to base format

[Edit](#) [Add](#) [Delete](#) [Create New User](#)

Catalog

A

Title	Price	Location
A good book	200	New York City
A good book	200	New York City
A good book	200	New York City
A good book	200	New York City

B

Title	Price	Location
Bad book	50	Los Angeles
Bad book	50	Los Angeles
Bad book	50	Los Angeles
Bad book	50	Los Angeles

C

Title	Price	Location
Crazy Book	5000	Chicago
Crazy Book	5000	Chicago
Crazy Book	5000	Chicago
Crazy Book	5000	Chicago

Find in List

- Defined the spans, tbTexttoFind, and output variables
- Used a for loop to loop through the text content of spans
- Used the indexOf function to select spans that matched text value
- Added a class highlighted to each of those spans

```
function findInList() {  
    let tbTextToFind = document.getElementById('tbTextToFind');  
    let output = tbTextToFind.value.toUpperCase();  
    let spans = document.getElementsByTagName('span');  
    for (i = 0; i < spans.length; i++) {  
        a= spans[i].textContent ;  
  
        if (a.indexOf(output) > -1) {  
            spans[i].classList.add('spanHighlighted');  
        }  
        else {  
            spans[i].style.display = ''  
        }  
    }  
    console.log(a);  
  
    //find In List  
}
```



Find in Grid

- Defined the spans, tbNumberToFind, and output variables
- Used a for loop to loop through the text content of spans
- Used the indexOf function to select spans that matched text value
- Added a class highlighted to each of those spans

```
function findInGrid() {  
    let tbNumberToFind = document.getElementById("tbNumberToFind")  
    let output = tbNumberToFind.value ;  
    let spans = document.getElementsByTagName('span');  
    for (i = 0; i < spans.length; i++) {  
        a= spans[i].textContent ;  
        console.log(a);  
  
        if (a.indexOf(output) > -1) {  
            spans[i].classList.add('spanHighlighted');  
        }  
        else {  
            spans[i].style.display = ''  
        }  
    }  
}
```



Sort Items

- Defined the boxes and div variables
- Creates an array from the nodeslist Boxes
- Used the .sort function on the boxeslist array
- Then went to the parent (divs) and used replace children and inserted my list through a spread function)

```
function sortIt() {  
  
    let spans = document.getElementsByTagName('span');  
    let boxes = document.querySelectorAll('.column');  
    let divs = document.getElementById('row0');  
  
    console.log(boxes);  
    let boxeslist = Array.from(boxes);  
    boxeslist.sort(function(a,b) {  
        return a.textContent - b.textContent ;  
    }) ;  
    divs.replaceChildren(...boxeslist);  
  
    console.log(divs);  
}
```