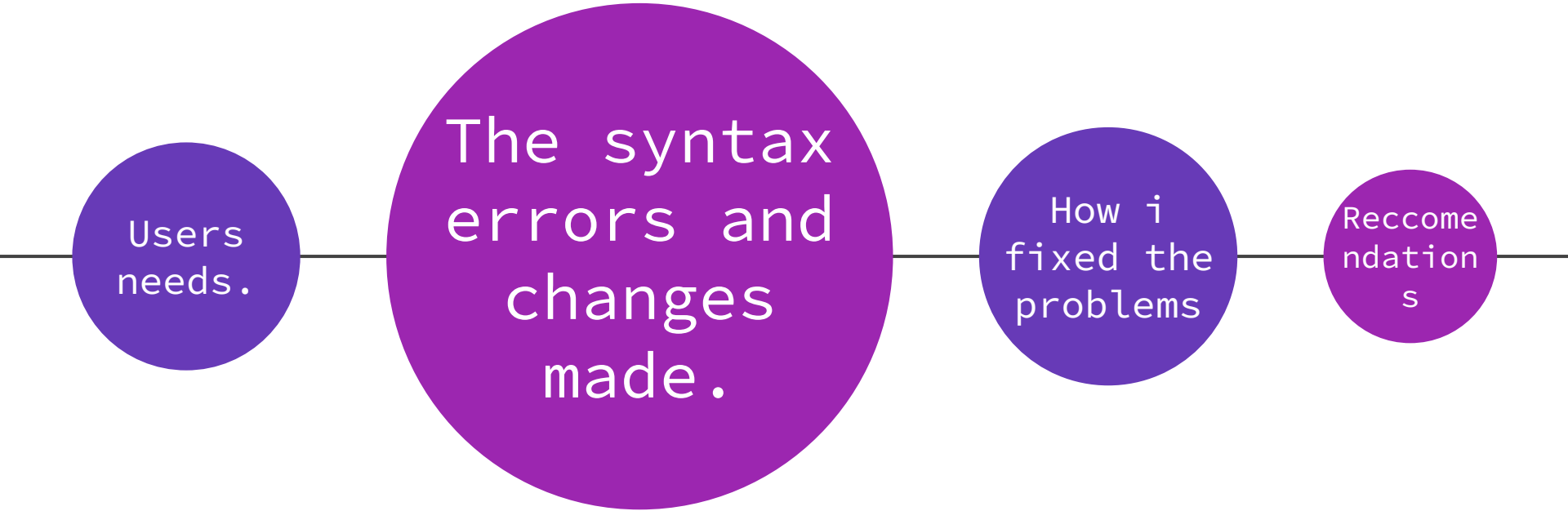
Olebogeng Rasebitse

IWA19 Book Connect App

About the challenge

For this challenge we were tasked to finish a code built by another developer. The code contained numerous syntax errors. The purpose of the code is to display a collection of books, along with their respective titles and summaries.


Users needs.
The syntax errors and changes made.
How i fixed the problems
Reccomendations

What the user wants:

- Display list of book previews by title and author.
- Include images for book previews.
- Allow user to read summaries of books.
- Show publication date .
- Allow search based on specific text phrases.
- Provide dark and light mode.
- Filtre books by genre and author.

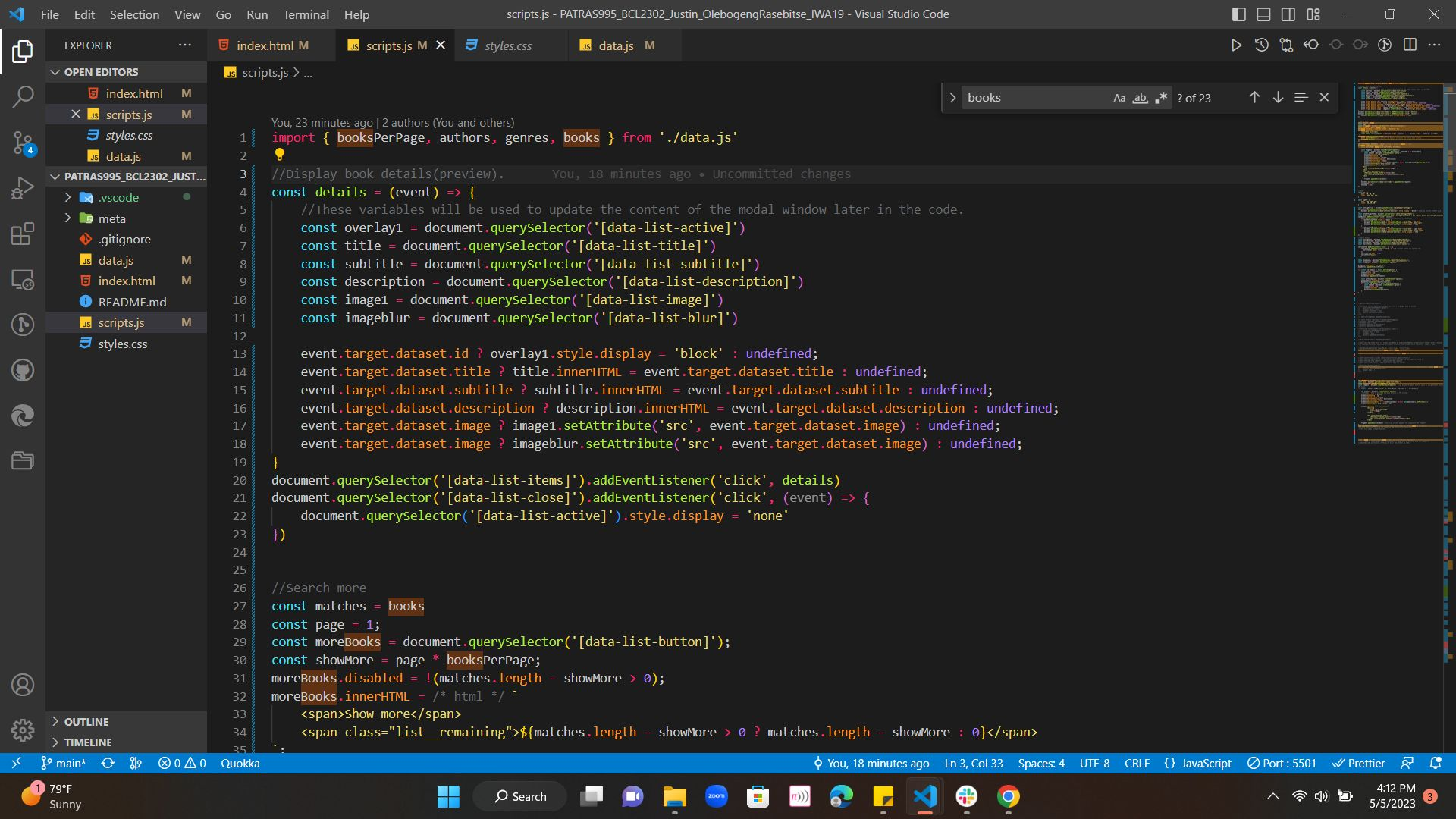
Changes made to the code:

- HTML
- Data.js
- Script.js

script .js

- Theme button.
- Search button.
- Show more button.
- Display books with details.
- Preview books with the name, summary, date and image.

My code—--------->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scripts.js - PATRAS995_BCL2302_Justin_OlebogengRasebitse_IWA19 - Visual Studio Code
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books
? of 23
You, 23 minutes ago | 2 authors (You and others)
import { booksPerPage, authors, genres, books } from './data.js'
//Display book details(preview). You, 18 minutes ago • Uncommitted changes
const details = (event) => {
//These variables will be used to update the content of the modal window later in the code.
const overlay1 = document.querySelector('[data-list-active]')
const title = document.querySelector('[data-list-title]')
const subtitle = document.querySelector('[data-list-subtitle]')
const description = document.querySelector('[data-list-description]')
const image1 = document.querySelector('[data-list-image]')
const imageblur = document.querySelector('[data-list-blur]')
event.target.dataset.id ? overlay1.style.display = 'block' : undefined;
event.target.dataset.title ? title.innerHTML = event.target.dataset.title : undefined;
event.target.dataset.subtitle ? subtitle.innerHTML = event.target.dataset.subtitle : undefined;
event.target.dataset.description ? description.innerHTML = event.target.dataset.description : undefined;
event.target.dataset.image ? image1.setAttribute('src', event.target.dataset.image) : undefined;
event.target.dataset.image ? imageblur.setAttribute('src', event.target.dataset.image) : undefined;
}
document.querySelector('[data-list-items]').addEventListener('click', details)
document.querySelector('[data-list-close]').addEventListener('click', (event) => {
document.querySelector('[data-list-active]').style.display = 'none'
})
//Search more
const matches = books
const page = 1;
const moreBooks = document.querySelector('[data-list-button]');
const showMore = page * booksPerPage;
moreBooks.disabled = !(matches.length - showMore > 0);
moreBooks.innerHTML = /* html */ `
Show more
${matches.length - showMore > 0 ? matches.length - showMore : 0}
main*
0 0
Quokka
You, 18 minutes ago
Ln 3, Col 33
Spaces: 4
UTF-8
CRLF
JavaScript
Port : 5501
Prettier
79°F
Sunny
Search
4:12 PM
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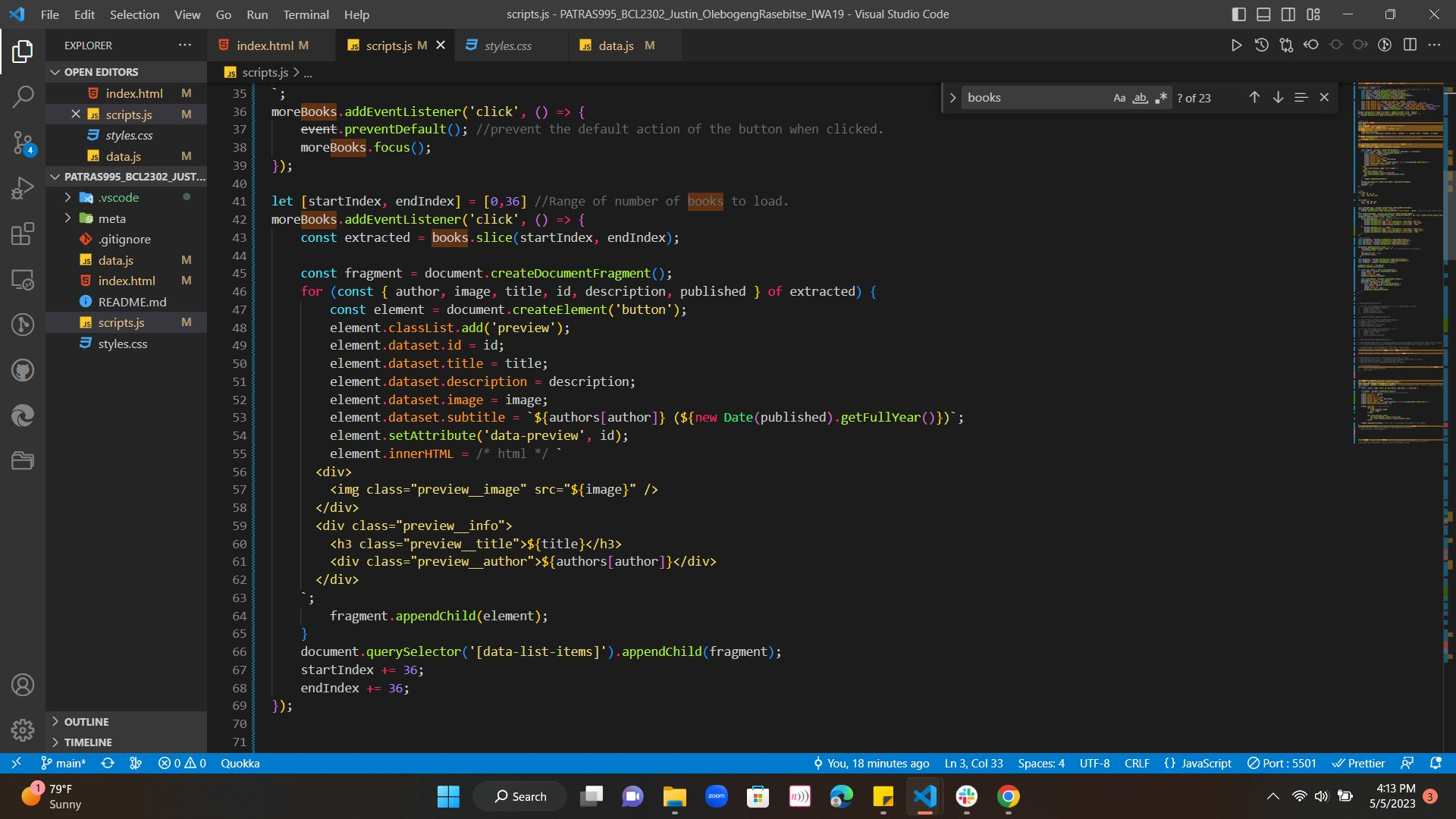

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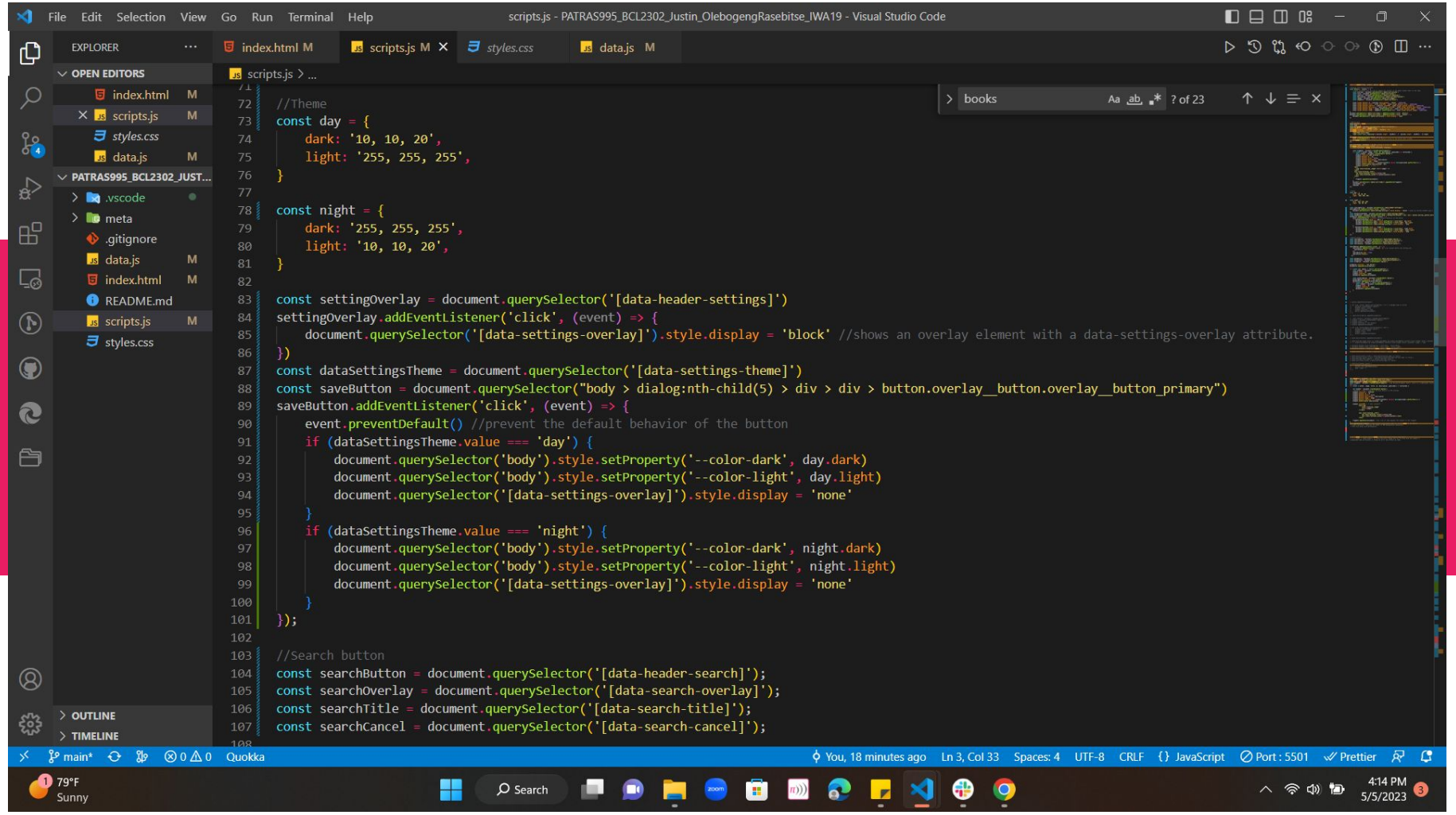
```
`;
moreBooks.addEventListener('click', () => {
    event.preventDefault(); //prevent the default action of the button when clicked.
    moreBooks.focus();
});

let [startIndex, endIndex] = [0,36] //Range of number of books to load.
moreBooks.addEventListener('click', () => {
    const extracted = books.slice(startIndex, endIndex);

    const fragment = document.createDocumentFragment();
    for (const { author, image, title, id, description, published } of extracted) {
        const element = document.createElement('button');
        element.classList.add('preview');
        element.dataset.id = id;
        element.dataset.title = title;
        element.dataset.description = description;
        element.dataset.image = image;
        element.dataset.subtitle = `${authors[author]} (${new Date(published).getFullYear()})`;
        element.setAttribute('data-preview', id);
        element.innerHTML = /* html */ `
      <div>
        <img class="preview__image" src="${image}" />
      </div>
      <div class="preview__info">
        <h3 class="preview__title">${title}</h3>
        <div class="preview__author">${authors[author]}</div>
      </div>
    `;
        fragment.appendChild(element);
    }
    document.querySelector('[data-list-items]').appendChild(fragment);
    startIndex += 36;
    endIndex += 36;
});
```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OUTLINE
TIMELINE
books Aa ab .* ? of 23
//Theme
const day = {
dark: '10, 10, 20',
light: '255, 255, 255',
}
const night = {
dark: '255, 255, 255',
light: '10, 10, 20',
}
const settingOverlay = document.querySelector('[data-header-settings]')
settingOverlay.addEventListener('click', (event) => {
document.querySelector('[data-settings-overlay]').style.display = 'block' //shows an overlay element with a data-settings-overlay attribute.
})
const dataSettingsTheme = document.querySelector('[data-settings-theme]')
const saveButton = document.querySelector("body > dialog:nth-child(5) > div > div > button.overlay__button.overlay__button_primary")
saveButton.addEventListener('click', (event) => {
event.preventDefault() //prevent the default behavior of the button
if (dataSettingsTheme.value === 'day') {
document.querySelector('body').style.setProperty('--color-dark', day.dark)
document.querySelector('body').style.setProperty('--color-light', day.light)
document.querySelector('[data-settings-overlay]').style.display = 'none'
}
if (dataSettingsTheme.value === 'night') {
document.querySelector('body').style.setProperty('--color-dark', night.dark)
document.querySelector('body').style.setProperty('--color-light', night.light)
document.querySelector('[data-settings-overlay]').style.display = 'none'
}
});
//Search button
const searchButton = document.querySelector('[data-header-search]');
const searchOverlay = document.querySelector('[data-search-overlay]');
const searchTitle = document.querySelector('[data-search-title]');
const searchCancel = document.querySelector('[data-search-cancel]');
main*
Quokka
You, 18 minutes ago
Ln 3, Col 33
Spaces: 4
UTF-8
CRLF
JavaScript
Port : 5501
Prettier
79°F
Sunny
Search
4:14 PM
5/5/2023

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EXPLORER

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- styles.css
- data.js M

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- .vscode
- meta
- .gitignore
- data.js M
- index.html M
- README.md
- scripts.js M
- styles.css

OUTLINE
TIMELINE

index.html M | scripts.js M | styles.css | data.js M

scripts.js > ...

books — Aa ab .* ? of 23

```
const searchOverlay = document.querySelector('[data-search-overlay]');
const searchTitle = document.querySelector('[data-search-title]');
const searchCancel = document.querySelector('[data-search-cancel]');

searchButton.addEventListener('click', () => {
    searchCancel.addEventListener('click', () => { //cancel button not working yet.
      searchCancel.open = false;
    });
    searchOverlay.open = true;
    searchTitle.focus();
  });

const dataGenres = document.querySelector('[data-search-genres]');
const dataAuthors = document.querySelector('[data-search-authors]');
const allOption = document.createElement('option');

allOption.innerText = 'All Genres';
dataGenres.appendChild(allOption);

for (const [id, names] of Object.entries(genres)) {
    const element = document.createElement('option')
    element.value = id
    element.innerText = names
    dataGenres.appendChild(element)

    const authorsOption = document.createElement('option');
    authorsOption.innerText = 'All Authors';
    dataAuthors.appendChild(authorsOption);
    for (const [id, names] of Object.entries(authors)) {
        const element = document.createElement('option')
        element.value = id
        element.innerText = names
        dataAuthors.appendChild(element)
    }
}
```

main* | 0 0 | Quokka | You, 18 minutes ago | Ln 3, Col 33 | Spaces: 4 | UTF-8 | CRLF | JavaScript | Port : 5501 | Prettier

79°F Sunny

Search

4:14 PM 5/5/2023

Recommendations:

- Keep it simple
- Keep it up to date
- Prioritize perfomance

Thank you!