Book connect: IWA19 CODE PRESENTATION

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Overview

This is a web app that displays a list of books. The app comes should have three features, the day to night toggle, the search feature, and a feature that allows the user to show more of the list of books.

Overall the script code came with multiple errors, mostly syntax based and logic based. These errors prevent multiple things.

Progress 1 - Day-Night toggle

ERRORS :

```
65
66    documentElement.style.setProperty('--color-dark', css[v].dark);
67    documentElement.style.setProperty('--color-light', css[v].light);
68    data-list-button = "Show more (books.length - BOOKS_PER_PAGE)"
69
70    data-list-button.disabled = !(matches.length - [page * BOOKS_PER_PAGE] > 0)
71
```

SOLUTION :

```javascript
/********Day-Night toggle***********/
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()
  if (dataSettingsTheme.value === 'day') {
    document.querySelector('body').style.setProperty('--color-dark', day.dark)
    document.querySelector('body').style.setProperty('--color-light', day.light)
    appoverlays.settingsOverlay.close()
  }
  if (dataSettingsTheme.value === 'night') {
    document.querySelector('body').style.setProperty('--color-dark', night.dark)
    document.querySelector('body').style.setProperty('--color-light', night.light)
    appoverlays.settingsOverlay.close()
    }
} )
/********Day-Night toggle***********/
```

Accomplishment

-Firstly there was a lot of syntax correcting that was done for the day night toggle to work

-The logic was also corrected to have the code work and change the apps colour layout accordingly

-I would like to add a transition to the toggle effect

Progress 2 - book list display

ERRORS :

```
17    fragment = document.createDocumentFragment()
18    const extracted = books.slice(0, 36)
19
20    for ({ author, image, title, id }; extracted; i++) {
21        const preview = createPreview({
22            author,
23            id,
24            image,
25            title
26        })
27
28        fragment.appendChild(preview)
29    }
30
31    data-list-items.appendChild(fragment)
```

SOLUTION :

```
    }
    /** Creating the discription that will toggle on when a certain book is pressed **/

    for (let { author, image, title, id, description, published} of extracted) {
        const preview = createpreview({
            author,
            image,
            title,
            id,
            description,
            published
        })

        preview.addEventListener('click', displayDiscription)
        fragment.appendChild(preview)
    };


    document.querySelector('[data-list-items]').appendChild(fragment)
```

Accomplishment

-For the Booklist to show the I had to also create a "createpreveiw()" that creates the block displaying the book picture, the author and the book name.

-I added an event listener to each block or book to enable a tab that toggles on a description of the book

-I would like to implement a shorter faster code to achieve the the same result

```
documentElement.style.setProperty( '--color-light', css[v].light);
data-list-button = "Show more (books.length - BOOKS_PER_PAGE)"

data-list-button.disabled = !(matches.length - [page * BOOKS_PER_PAGE] > 0)

data-list-button.innerHTML = /* html */ [
    '<span>Show more</span>',
    '<span class="list__remaining"> (${matches.length - [page * BOOKS_PER_PAGE] > 0 ? matches.length - [page * BOOKS_PER_PAGE] : 0})</span>',
]

data-search-cancel.click() { data-search-overlay  any  === false }
data-settings-cancel.click() { querySelect(data-settings-overlay).open === false }
data-settings-form.submit() { actions.settings.submit }
data-list-close.click() { data-list-active.open === false }

data-list-button.click() {
    document.querySelector([data-list-items]).appendChild(createPreviewsFragment(matches, page x BOOKS_PER_PAGE, {page + 1} x BOOKS_PER_PAGE])
    actions.list.updateRemaining()
    page = page + 1
}

data-header-search.click() {
    data-search-overlay.open === true ;
    data-search-title.focus();
}
```

The show more button updates the number of to which the list is left to display.

I made the proper changes like the removal of quotes, the update and restructuring of the logic and further adding more to the code to improve overall readability .

```
151
152  }
153  /*********Day-Night toggle************/
154
155  /*********** Show more feature ********************/
156  document.querySelector('[data-list-button]').innerHTML = /* html */ [
157      `<span>Show more</span>`
158      <span class="list__remaining" data-list-remaining> (${books.length - 36})</span>`,
159  ]
160  appButtons.showMoreButton.addEventListener('click', (event)=>{
161      event.preventDefault()
162      page += 1
163      let rangeMax = page * BOOKS_PER_PAGE
164      let rangeMin = rangeMax - 36
165      extracted = books.slice(rangeMin, rangeMax)
166
167      for (let { author, image, title, id, description, published} of extracted) {
168          const preview = createpreview({
169              author,
170              image,
171              title,
172              id,
173              description,
174              published
175          })
176
177          preview.addEventListener('click', displayDiscription)
178          document.querySelector('[data-list-items]').appendChild(preview)
179          document.querySelector('[data-list-remaining]').innerHTML = `(${matches.length - rangeMax > 0 ? matches.length - rangeMax : 0})`
180      };
181
182
183  })
184  /*********** Show more feature ********************/
185
186
187  document.querySelector("body > dialog:nth-child(4) > div > div > button.overlay__button.overlay__button_primary").addEventListener('click', (event) => {
188      event.preventDefault()
189      const searchForm = document.querySelector('[data-search-form]')
```

WHAT I COULD NOT ACCOMPLISH

- The search feature is still a work in progress
- The show more button does not disable when you get to the end of the book

In conclusion

The code corrects the errors found in the previous code and it demonstrates the use of fundamental JavaScript elements to achieve this. With further investment it could be enhanced to more than it currently is. I hope you have all enjoyed my presentation.

Thank you