

DWA_08 Discussion Questions

In this module you will continue with your “Book Connect” codebase, and further iterate on your abstractions. You will be required to create an encapsulated abstraction of the book preview by means of a single factory function. If you are up for it you can also encapsulate other aspects of the app into their own abstractions.

To prepare for your session with your coach, please answer the following questions. Then download this document as a PDF and include it in the repository with your code.

```
1  /**
2   * @param {object} book - the book we are going to generate a preview of
3   * @param {string} book.title -the title of the book
4   * @param {string} book.image - an html hyperlink to the image of the book
5   * @param {string} book.author -the ID of the author for the book
6   * @param {string} book.id - the ID of the book
7   */
8  class generatePreview {
9    constructor(book) {
10      const { title, image, author: authorID, id } = book;
11      this.title = title;
12      this.image = image;
13      this.authorID = authorID;
14      this.id = id;
15      this.author = authors[authorID];
16    }
17    get HTML() {
18      const newElement = document.createElement("div");
19      newElement.dataset.id = this.id;
20      newElement.className = "preview";
21      newElement.innerHTML = `
22        <img src= ${this.image} class ="preview__image"alt="${this.title}'s bookcover">
23        <div class="list__items">
24          <div class='preview__title'>${this.title}</div>
25          <div class="preview__author">${this.author}</div>
26        </div>
27      `;
28      return newElement;
29    }
30  }
```

1. What parts of encapsulating your logic were easy?

The entire function was fairly easy to encapsulate because I had already had abstracted my functions.

2. What parts of encapsulating your logic were hard?

The difficulty was learning how “this” worked. I initially was trying to assign the variables without using this and couldn’t figure out why it wasn’t working.

3. Is abstracting the book preview a good or bad idea? Why?

I don’t think that this is necessary to do. It is more difficult to read and requires a longer step to implement. Unless we are going to add extra functionality to the preview.
