

DWA_07.4 Knowledge Check_DWA7

1. Which were the three best abstractions, and why?

```
10 // preview abstraction
11
12 function createPreviewElement ({ author, id, image, title }) {
13   const element = document.createElement("button");
14   element.classList = "preview";
15   element.setAttribute("data-preview", id);
16
17   element.innerHTML = `
18     
22
23     <div class="preview__info">
24       <h3 class="preview__title">${title}</h3>
25       <div class="preview__author">${authors[author]}</div>
26     </div>
27   `;
28
29   return element
30 }
31 const startingFragment = document.createDocumentFragment();
```

The code is the abstraction for the book preview

This portion of code has replaced the redundant code for the book preview

```
210
211 //preview image abstraction
212
213 for (const book of matches.slice((BOOKS_PER_PAGE*page),( BOOKS_PER_PAGE*(page+1)))) {
214   const element = createPreviewElement(book);
215   startingFragment.appendChild(element);
216 }
217
218 document.querySelector("[data-list-items]").appendChild(startingFragment);
219 page += 1;
220 });
221
```

This portion of code handles the show more button

2. Which were the three worst abstractions, and why?

3. How can The three worst abstractions be improved via SOLID principles.
