

Assignment: Book List Viewer with Pictures (Async Promise)

Create a simple webpage that displays a list of books with their titles, authors, and cover images using JavaScript, arrays of objects, a for loop, and Promises.

1. Include a title and a `<div>` element with the ID **bookList**. This is where the books will be shown.
2. **Create a JavaScript file (script.js) that:**
 - Contains an array of **book objects** (each with a title, author, and image URL).
 - A function that uses a Promise and `setTimeout()` to simulate fetching the books.
 - Code that loops through the book array and displays each book on the page with:
 - Title (as a heading)
 - Author (as a paragraph)
 - Cover image (as an image element)
 - Use `document.getElementById("bookList")` to show the books inside the HTML page.

```
// Book data with image
const books = [
  {
    title: "The Great Gatsby",
    author: "F. Scott Fitzgerald",
    image: "https://covers.openlibrary.org/b/id/7222246-L.jpg"
  },
  {
    title: "1984",
    author: "George Orwell",
    image: "https://covers.openlibrary.org/b/id/8228691-L.jpg"
  },
  {
    title: "Pride and Prejudice",
    author: "Jane Austen",
    image: "https://covers.openlibrary.org/b/id/8091016-L.jpg"
  },
  {
    title: "To Kill a Mockingbird",
    author: "Harper Lee",
    image: "https://covers.openlibrary.org/b/id/8225263-L.jpg"
  },
  {
    title: "Moby Dick",
    author: "Herman Melville",
```

```
image: "https://covers.openlibrary.org/b/id/7222276-L.jpg"  
}  
];
```