- This exercise separates a project into **ES6 modules**.
- Install and run the starter project.

```
npm install
npm start
```

### Review the project
- All the components and data are held in one file, **index.js**.
- This exercise will refactor the code into separate files using ES6 modules.

### Data.js
- Move the array of objects into its own file data.js.
- Export the array named books.

```
var books = [....]
export { books }
```

- Import the data into index.js

```
import { books } from './data';
```

### Book.js
- Create file book.js for the book component.
- Import the React library

```
import React from 'react'
let Book = ....


export { Book };
```

### Bookshelf.js
- Create file bookshelf.js for the BookShelf component.

- It contains instances of Book and so needs to import it

```
import React from 'react'
import { Book } from "./book";
let BookShelf = ....
export { BookShelf };
```

### index.js

- Import Bookshelf and the data.

```
import { BookShelf } from './bookshelf';
import { books } from './data';

import './style.css';

render( <BookShelf shelf={books}
/>,document.getElementById("root"))
```

- Test that the new code organisation works.