# **Bestselling Books**

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| No. | 🧠 Concept Title | 🔍 Description |
| 1 | **DOM Manipulation** | Selecting, modifying, and creating HTML elements using JS (getElementById, createElement, innerHTML, appendChild) |
| 2 | **Event Handling** | Listening to user interactions (like button clicks) using addEventListener |
| 3 | **Fetch API** | Fetching external data (like .json files) using fetch() |
| 4 | **Promises** | Managing async operations via .then() and .catch() chaining |
| 5 | **Array Methods** | Using .forEach() and .filter() to loop and filter book lists |
| 6 | **Conditional (Ternary) Operator** | Short-hand conditional logic: condition ? valueIfTrue : valueIfFalse |
| 7 | **Template Literals** | Creating dynamic HTML using backticks `` and ${} syntax |
| 8 | **String Methods** | Methods like .toLowerCase() for case-insensitive comparison |
| 9 | **ClassList Manipulation** | Dynamically adding/removing classes using classList.add() and classList.remove() |
| 10 | **Modular Function Design** | Organizing code into reusable functions like renderBooks() and createCard() |
| 11 | **Data Attributes** | Accessing custom HTML data via getAttribute('data-tab') |
| 12 | **Optional Chaining (?.)** | Safely accessing nested properties without errors (.querySelector()?.classList) |
| 13 | **Global Variables** | Declaring variables like booksData outside functions to use globally |
| 14 | **Arrow Functions** | Shorter syntax for functions like () => {} |
| 15 | **Dynamic Content Rendering** | Creating elements dynamically from data (instead of static HTML) |
| 16 | **Separation of Concerns** | Keeping HTML, CSS, JS, and JSON in separate files |
| 17 | **JSON Parsing** | Converting fetched JSON text into JS objects via res.json() |
| 18 | **Defensive Programming** | Handling potential fetch or runtime errors with .catch() |