

## Components:

### 1.BookCard.jsx

```
function BookCard({ title, author, price, view }) {  
  return (  
    <div className="book-card">  
      <div>  
        <h3>{title}</h3>  
        <p>by {author}</p>  
      </div>  
      <p className="book-price">₹ {price}</p>  
    </div>  
  );  
}  
  
export default BookCard;
```

### 2.BookList.jsx

```
import { useState } from "react";  
import BookCard from "../BookCard";  
import "../index.css";  
  
function BookList() {  
  const books = [  
    { id: 1, title: "Atomic", author: "James Clear", price: 399 },  
    { id: 2, title: "Rich Dad", author: "Robert Kiyosaki", price: 299 },  
    { id: 3, title: "Ikigai", author: "Hector Garcia", price: 349 },  
    { id: 4, title: "7 Habits", author: "Stephen Covey", price: 450 },
```

```
{ id: 5, title: "Power Habit", author: "Charles Duhigg", price: 380 },
{ id: 6, title: "Thinking", author: "Daniel Kahneman", price: 499 },
{ id: 7, title: "Deep Work", author: "Cal Newport", price: 420 },
{ id: 8, title: "Start Why", author: "Simon Sinek", price: 350 },
{ id: 9, title: "Subtle Art", author: "Mark Manson", price: 399 },
{ id: 10, title: "Sapiens", author: "Yuval Harari", price: 550 },
{ id: 11, title: "Homo Deus", author: "Yuval Harari", price: 520 },
{ id: 12, title: "Alchemist", author: "Paulo Coelho", price: 299 },
{ id: 13, title: "Monk Ferrari", author: "Robin Sharma", price: 350 },
{ id: 14, title: "Babylon", author: "George Clason", price: 280 },
{ id: 15, title: "Win Friends", author: "Dale Carnegie", price: 399 },
{ id: 16, title: "4 Agreements", author: "Don Ruiz", price: 320 },
{ id: 17, title: "Grit", author: "Angela Duckworth", price: 450 },
{ id: 18, title: "Drive", author: "Daniel Pink", price: 400 },
{ id: 19, title: "Lean Startup", author: "Eric Ries", price: 480 },
{ id: 20, title: "Zero One", author: "Peter Thiel", price: 500 },
{ id: 21, title: "Principles", author: "Ray Dalio", price: 550 },
{ id: 22, title: "Educated", author: "Tara Westover", price: 450 },
];
```

```
const [view, setView] = useState("grid");
```

```
const [search, setSearch] = useState("");
```

```
const filteredBooks = books.filter((book) =>
```

```
  book.title.toLowerCase().includes(search.toLowerCase())
```

```
);
```

```
return (  
  <div className="book-list">  
    <h2>📖 Featured Books</h2>  
  
    <input  
      type="text"  
      placeholder="Search books..."  
      value={search}  
      onChange={(e) => setSearch(e.target.value)}  
    />  
  
    <div className="toggle-buttons">  
      <button  
        className={view === "grid" ? "active" : ""}  
        onClick={() => setView("grid")}  
      />  
      Grid View  
      </button>  
      <button  
        className={view === "list" ? "active" : ""}  
        onClick={() => setView("list")}  
      />  
      List View  
      </button>  
    </div>  
  
    <div className={view === "grid" ? "grid-view" : "list-view"}>
```

```
    {filteredBooks.map((book) => (  
      <BookCard  
        key={book.id}  
        title={book.title}  
        author={book.author}  
        price={book.price}  
        view={view}  
      />  
    ))}  
  </div>  
</div>  
);  
}
```

```
export default BookList;
```

### **App.jsx**

```
import BookList from "../components/BookList";
```

```
function App() {  
  return (  
    <div>  
      <h1>📖 BookVerse</h1>  
      <BookList />  
    </div>  
  );  
}
```

```
export default App;
```

### **index.css**

```
/* Reset and base styles */
```

```
* {  
  box-sizing: border-box;  
  margin: 0;  
  padding: 0;  
  font-family: Arial, sans-serif;  
}
```

```
body {  
  background-color: #f3f3f3;  
}
```

```
/* Header */
```

```
h1 {  
  text-align: center;  
  font-size: 2rem;  
  padding: 1.5rem 0;  
}
```

```
/* BookList container */
```

```
.book-list {  
  padding: 1.5rem;  
}
```

```
/* Search input */  
  
.book-list input[type="text"] {  
  width: 100%;  
  max-width: 400px;  
  padding: 0.5rem 1rem;  
  margin-bottom: 1rem;  
  border-radius: 8px;  
  border: 1px solid #ccc;  
}
```

```
/* Toggle buttons */  
  
.toggle-buttons {  
  display: flex;  
  gap: 1rem;  
  margin-bottom: 1.5rem;  
}
```

```
.toggle-buttons button {  
  padding: 0.5rem 1rem;  
  border-radius: 8px;  
  border: none;  
  cursor: pointer;  
  background-color: #ddd;  
}
```

```
.toggle-buttons button.active {
```

```
background-color: #007bff;  
color: white;  
}
```

```
/* Books display */
```

```
.grid-view {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));  
  gap: 1.5rem;  
}
```

```
.list-view {  
  display: flex;  
  flex-direction: column;  
  gap: 1rem;  
}
```

```
/* BookCard */
```

```
.book-card {  
  background-color: white;  
  padding: 1rem;  
  border-radius: 12px;  
  box-shadow: 0 2px 6px rgba(0,0,0,0.1);  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
}
```

```
.book-card h3 {
  font-size: 1.1rem;
  margin-bottom: 0.25rem;
}
```

```
.book-card p {
  margin: 0;
}
```

```
.book-price {
  font-weight: bold;
  color: green;
}
```

## Result:





