

Requirement:

1. Use Notepad to save the file.

Source code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>MindGrowth - Self-Help Book Recommendations</title>
  <style>
    /* CSS Styles */
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
      font-family: 'Arial', sans-serif;
    }

    body {
      background-color: #f5f5f5;
    }

    header {
      background-color: #2c3e50;
      color: white;
      padding: 2rem;
      text-align: center;
    }

    .container {
      max-width: 1200px;
      margin: 0 auto;
      padding: 2rem;
    }

    .search-section {
      display: flex;
      justify-content: center;
      gap: 1rem;
      margin-bottom: 2rem;
    }
```

```

#searchInput {
  padding: 0.8rem;
  width: 300px;
  border: 2px solid #3498db;
  border-radius: 5px;
  font-size: 1rem;
}

.filter-buttons {
  display: flex;
  gap: 1rem;
  justify-content: center;
  margin-bottom: 2rem;
}

.filter-btn {
  padding: 0.8rem 1.5rem;
  border: none;
  border-radius: 5px;
  background-color: #3498db;
  color: white;
  cursor: pointer;
  transition: background-color 0.3s;
}

.filter-btn:hover {
  background-color: #2980b9;
}

.book-grid {
  display: grid;
  grid-template-columns: repeat(auto-fill, minmax(250px, 1fr));
  gap: 2rem;
}

.book-card {
  background-color: white;
  border-radius: 10px;
  padding: 1.5rem;
  box-shadow: 0 2px 5px rgba(0,0,0,0.1);
  transition: transform 0.3s;
}

.book-card:hover {
  transform: translateY(-5px);
}

.book-image {

```

```

        width: 100%;
        height: 200px;
        object-fit: cover;
        border-radius: 5px;
        margin-bottom: 1rem;
    }

    .book-title {
        color: #2c3e50;
        margin-bottom: 0.5rem;
        font-size: 1.2rem;
    }

    .book-author {
        color: #7f8c8d;
        margin-bottom: 1rem;
    }

    .book-description {
        color: #34495e;
        font-size: 0.9rem;
        line-height: 1.4;
    }

    .active-filter {
        background-color: #e74c3c !important;
    }

    @media (max-width: 768px) {
        .search-section {
            flex-direction: column;
            align-items: center;
        }
    }
</style>
</head>
<body>
    <header>
        <h1>📖 MindGrowth</h1>
        <p>Discover Your Next Self-Help Book</p>
    </header>

    <div class="container">
        <div class="search-section">
            <input type="text" id="searchInput" placeholder="Search books or authors...">
        </div>

        <div class="filter-buttons">

```

```
<button class="filter-btn active-filter" data-filter="all">All</button>
<button class="filter-btn" data-filter="productivity">Productivity</button>
<button class="filter-btn" data-filter="mindfulness">Mindfulness</button>
<button class="filter-btn" data-filter="psychology">Psychology</button>
</div>
```

```
<div class="book-grid" id="bookContainer"></div>
</div>
```

```
<script>
  // Book Data
  const books = [
    {
      title: "Atomic Habits",
      author: "James Clear",
      category: "productivity",
      description: "Tiny Changes, Remarkable Results. An easy & proven way to build
good habits & break bad ones.",
      image: "https://m.media-amazon.com/images/I/513Y5o-DYtL.jpg"
    },
    {
      title: "The Power of Now",
      author: "Eckhart Tolle",
      category: "mindfulness",
      description: "A guide to spiritual enlightenment through living in the present
moment.",
      image: "https://m.media-amazon.com/images/I/71Qel8irEIL.jpg"
    },
    {
      title: "Thinking, Fast and Slow",
      author: "Daniel Kahneman",
      category: "psychology",
      description: "Understanding the two systems that drive the way we think.",
      image: "https://m.media-amazon.com/images/I/61fdrEuPJwL.jpg"
    },
    {
      title: "ULTIMATE PRODUCTIVITY",
      author: "Jim Stovall",
      category: "productivity",
      description: "Rules for focused success in a distracted world.",
      image: "https://www.amazon.in/Ultimate-Productivity-Jim-Stovall/dp/8183224717"
    },
    {
      title: "The Subtle Art of Not Giving a F*ck",
      author: "Mark Manson",
      category: "psychology",
      description: "A counterintuitive approach to living a good life.",
      image: "https://m.media-amazon.com/images/I/71QKQ9mwV7L.jpg"
    }
  ]
</script>
```

```

    },
    {
      title: "The 7 Habits of Highly Effective People",
      author: "Stephen R. Covey",
      category: "productivity",
      description: "Powerful lessons in personal change and effectiveness.",
      image: "https://m.media-amazon.com/images/I/710uHYWUxsL.jpg"
    }
  ];

```

```

// DOM Elements

```

```

const bookContainer = document.getElementById('bookContainer');
const filterButtons = document.querySelectorAll('.filter-btn');
const searchInput = document.getElementById('searchInput');

```

```

// Initial Render

```

```

renderBooks(books);

```

```

// Filter Functionality

```

```

filterButtons.forEach(button => {
  button.addEventListener('click', () => {
    const filter = button.dataset.filter;
    filterBooks(filter);
    filterButtons.forEach(btn => btn.classList.remove('active-filter'));
    button.classList.add('active-filter');
  });
});

```

```

// Search Functionality

```

```

searchInput.addEventListener('input', (e) => {
  const searchTerm = e.target.value.toLowerCase();
  const filteredBooks = books.filter(book => {
    return (
      book.title.toLowerCase().includes(searchTerm) ||
      book.author.toLowerCase().includes(searchTerm) ||
      book.description.toLowerCase().includes(searchTerm)
    );
  });
  renderBooks(filteredBooks);
});

```

```

// Functions

```

```

function filterBooks(filter) {
  const filteredBooks = filter === 'all'
    ? books
    : books.filter(book => book.category === filter);
  renderBooks(filteredBooks);
}

```

```
function renderBooks(booksArray) {
  bookContainer.innerHTML = booksArray.map(book => `
    <div class="book-card">
      
      <h3 class="book-title">${book.title}</h3>
      <p class="book-author">by ${book.author}</p>
      <p class="book-description">${book.description}</p>
    </div>
  `).join("");
}
</script>
</body>
</html>
```