

Practical 1A: Hands-on HTML and CSS (CSS for Book Website)

Aim: To demonstrate use of CSS.

Question: Design a webpage to demonstrate a book website. Use CSS for styling. It should include the following properties:

- background-color / background-image
- color
- background-repeat
- font -size
- margin-left
- list-style -type
- font-weight
- font -style

Also demonstrate the use of all THREE types of CSS, selectors.

Concepts:

Tag / Selector	Attribute / Property	Purpose / Usage
	list-style-type: none;	Removes default bullet points from the book list
.book-list	display: inline-flex; justify-content: space-around; flex-wrap: wrap;	Aligns book cards horizontally with wrapping
<li class="book">	Used as a container for each book card	Represents a single book with image, title, author, and price
.book	width, padding, margin, box-shadow, border-radius	Creates card-like appearance for each book
.book img	width, height, object-fit, border-radius	Sizes and styles book cover images
.book h2, .book p	Group selector; margin-left, text-align	Applies same spacing and alignment to headings and paragraphs
<button>	background-color, padding, border, cursor	Styles the "Buy Now" button
button:hover	Changes background on hover	Adds interactivity for better user experience
<footer>	text-align, padding, background-color, font-style	Styles the footer and applies italic text

Tag / Selector	Attribute / Property	Purpose / Usage
body	background-color, background-image, background-size	Adds a repeating background image and overall page styling

Code:

index.html

```
<html>
  <head>
    <title>Practical 2B - Book Store</title>
    <link rel="stylesheet" href="index.css" />
  </head>
  <body>
    <header>
      <h1>Book Store</h1>
    </header>
    <ul class="book-list">
      <li class="book">
        
        <h2>SOUL</h2>
        <p>Author: Olivia Wilson</p>
        <p>Price: ₹300</p>
        <button>Buy Now</button>
      </li>
      <li class="book">
        
        <h2>The Wizard of Oz</h2>
        <p>Author: L. Frank Baum</p>
        <p>Price: ₹400</p>
        <button>Buy Now</button>
      </li>
      <li class="book">
        
        <h2>Poems and Scribbles</h2>
        <p>Author: C.L. Evans</p>
        <p>Price: ₹500</p>
        <button>Buy Now</button>
      </li>
    </ul>
    <footer>
      <p>This is Kinda Cool isn't it.</p>
    </footer>
  </body>
</html>
```

index.css

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f4f4f9;
  background-image: url("img/books-background.jpg");
  background-repeat: repeat;
  background-size: 5%;
}

header {
  background-color: #0f8629;
  color: white;
  text-align: center;
  padding: 20px 0;
  border-style: solid;
  border-color: #04380f;
}

ul {
  list-style-type: none;
}

.book-list {
  display: inline-flex;
  justify-content: space-around;
  padding: 40px;
  flex-wrap: wrap;
}

.book {
  background: white;
  border: 1px solid #ddd;
  padding: 15px;
  width: 200px;
  text-align: center;
  border-radius: 8px;
  margin: 15px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

.book img {
  width: 150px;
  height: 220px;
  object-fit: cover;
  border-radius: 4px;
}
```

```
.book h2 {
  font-weight: bold;
  font-size: 18px;
  margin-left: 10px 0;
}

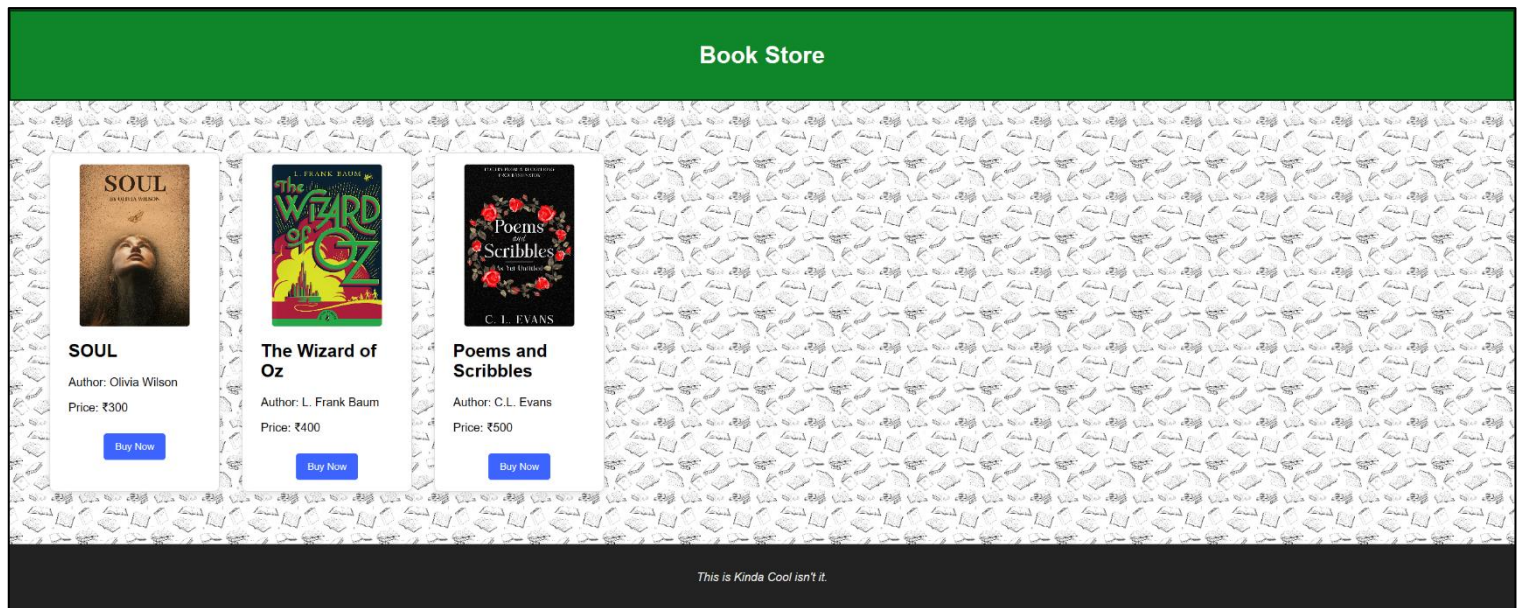
.book p {
  margin: 5px 0;
}

button {
  margin-top: 10px;
  padding: 10px 15px;
  background-color: #3e64ff;
  color: white;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}

button:hover {
  background-color: #2d4dcc;
}

footer {
  text-align: center;
  padding: 20px;
  background-color: #222;
  color: #eee;
  font-style: italic;
}
```

Output:



Conclusion:

Through this practical, I learnt how to create a visually appealing bookstore layout using HTML and CSS. I used concepts like **flexbox for layout**, **group selectors** for cleaner styling, and properties like margin-left, font-style, and font-weight to enhance design and readability.