

ONLINE BOOK STORE
(E-COMMERCE WEBSITE)

Submitted by:

ASHIQ AHAMED(312322205024)

Of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY



St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai 600 119

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ABSTRACT

This project provides a foundational template for a basic e-commerce website, utilizing HTML and CSS for structure and styling. The design includes a simple layout with essential components for an e-commerce platform, such as a header with navigation, a product catalog, and a footer. The product catalog section demonstrates a grid-based layout for

displaying multiple products with images, descriptions, and "Add to Cart" buttons. The CSS styles enhance the user experience with basic colors, hover effects, and responsive layout.

While this template serves as a starting point for creating a simple e-commerce site, it does not encompass backend functionality, databases, or e-commerce-specific features like authentication, payment processing, or inventory management. As such, this project is intended for educational and prototyping purposes. For full-scale e-commerce development, additional technologies and frameworks would be required, along with backend integrations and security considerations. This template can be used as a basis for further exploration into front-end design and basic website structure.

INTRODUCTION

The goal of this project is to create a simple yet functional e-commerce website using basic web technologies such as HTML and CSS. The template serves as an introductory framework for individuals interested in building e-commerce platforms or exploring web development. It provides the essential elements of an e-commerce site, offering a straightforward starting point for further development.

In this template, the core components of a basic e-commerce website are implemented, including a header with navigation links, a product catalog showcasing multiple products with their images, descriptions, and action buttons, and a footer section. The structure allows for easy customization, enabling users to modify and expand the site according to their specific requirements.

The HTML code organizes the website's content into meaningful sections, while the CSS code styles these sections for improved user experience. Elements such as navigation menus, product grids, and interactive buttons are designed with simplicity and clarity in mind.

This project is intended for beginners in web development who want to understand the basic layout and styling of an e-commerce website. While it does not cover advanced topics like backend integration, databases, authentication, or payment processing, it provides a foundation for building upon. Users can use this template to experiment with adding more complex features or integrating backend technologies to create a full-fledged e-commerce solution.

HTML CODE:

```
<!-- Basic E-commerce Template -->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>My E-commerce Site</title>
  <link rel="stylesheet" href="style.css"> <!-- Link to CSS -->
</head>
<body>
  <!-- Header -->
  <header>
    <div class="header-content">
      <h1>My Book Store</h1>
      <nav>
        <ul>
          <li><a href="#home">Home</a></li>
          <li><a href="#shop">Shop</a></li>
          <li><a href="#about">About</a></li>
          <li><a href="#contact">Contact</a></li>
        </ul>
      </nav>
    </div>
  </header>

  <!-- Product Catalog -->
  <section id="shop" class="product-catalog">
    <h2>Products</h2>
    <div class="product-list">
      <div class="product">
        
        <h3>Product 1</h3>
        <p>Lily hasn't always had it easy, but that's never stopped
her from working hard for the life she wants. She's come a long way from the
small town in Maine where she grew up ...

        </p>
        </p>
        <button>Add to Cart</button>
      </div>
      <div class="product">
        
        <h3>Product 2</h3>
```

```

        <p>World-renowned habits expert James Clear has discovered a
simpler system for transforming your life. He knows that lasting change comes
from the compound effect of hundreds of ...</p>
        <button>Add to Cart</button>
    </div>
    <div class="product">
        
        <h3>Product 3</h3>
        <p>Ikigai translates as ‘a reason to live’ or ‘a reason to
jump out of bed in the morning’. It’s the place where your needs, desires,
ambitions, and satisfaction meet: a point of ...

        .</p>
        <button>Add to Cart</button>
    </div>
</div>
</section>

<!-- Footer -->
<footer>
    <p>&copy; 2024 My E-commerce Store. All rights reserved.</p>
</footer>
</body>
</html>

```

CSS CODE:

```
/* Basic E-commerce CSS */
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f5f5f5;
}

header {
  background-color: #333;
  color: white;
  padding: 10px 20px;
}

.header-content {
  display: flex;
  justify-content: space-between;
  align-items: center;
}

nav ul {
  list-style-type: none;
  margin: 0;
  padding: 0;
}

nav ul li {
  display: inline;
  margin-right: 10px;
}

nav ul li a {
  color: white;
  text-decoration: none;
}

nav ul li a:hover {
  text-decoration: underline;
}

.product-catalog {
  padding: 20px;
}

.product-list {
  display: flex;
```



```
    justify-content: space-between;
    flex-wrap: wrap;
}

.product {
    background-color: white;
    border: 1px solid #ccc;
    border-radius: 5px;
    padding: 10px;
    margin: 10px;
    width: 200px;
    text-align: center;
}

.product img {
    width: 100%;
    height: auto;
}

.product h3 {
    margin: 10px 0;
}

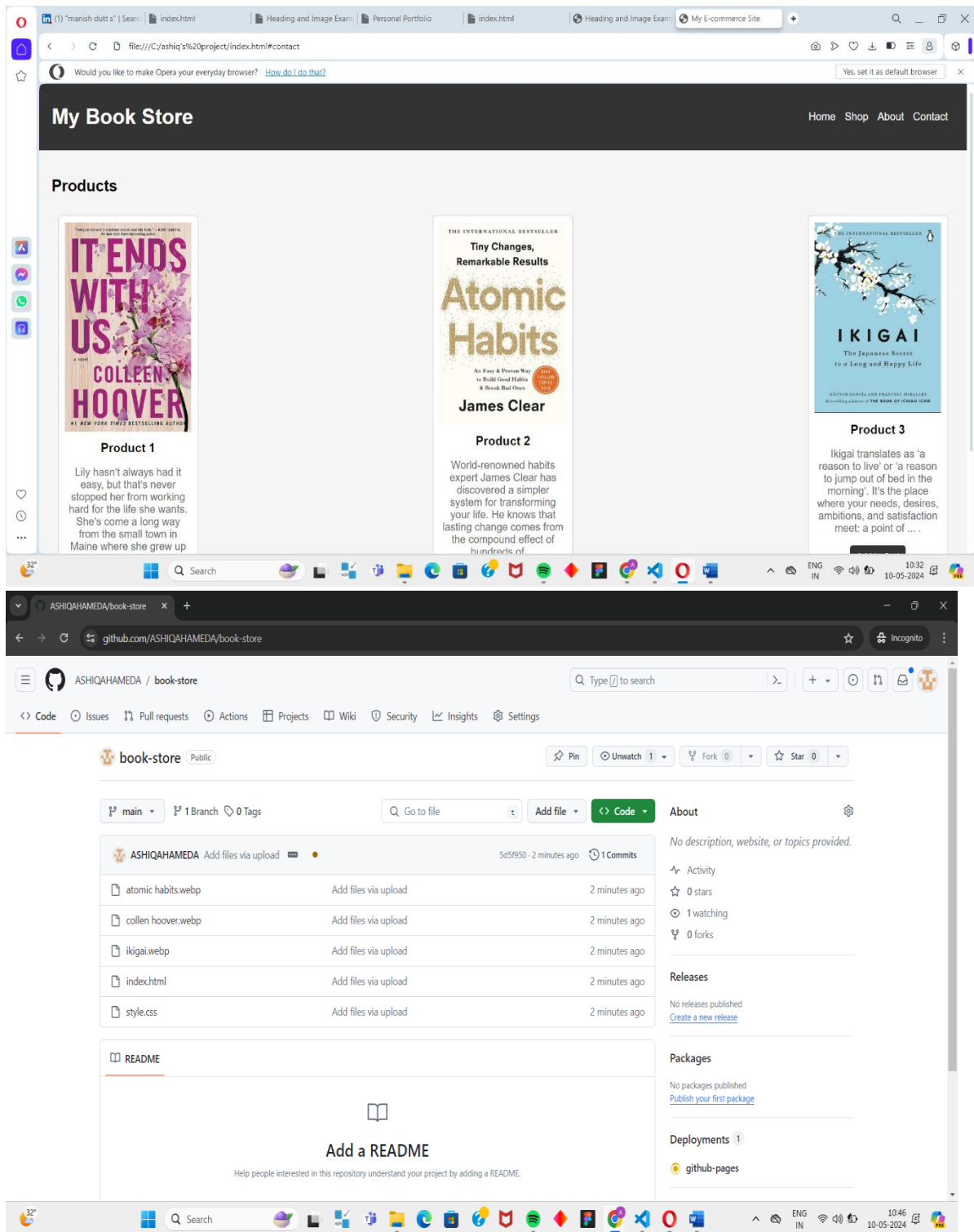
.product p {
    color: #666;
}

button {
    background-color: #333;
    color: white;
    border: none;
    padding: 10px;
    border-radius: 5px;
}

button:hover {
    background-color: #555;
}

footer {
    background-color: #333;
    color: white;
    text-align: center;
    padding: 10px 0;
}
```

FINAL OUTPUT:



GIT HUB LINK:

<https://ashiqahamed.github.io/book-store/>

CONCLUSION:

The completion of this project represents a foundational step in building an e-commerce website using HTML and CSS. By providing a basic structure and design, this template allows users to understand key concepts in web development and apply them to create a simple online store. The design encompasses a navigational header, a product catalog, and a footer, demonstrating a clear and organized approach to e-commerce website construction.

This project is designed to be accessible for beginners and provides a framework that can be customized and expanded. Users can apply this template to create a prototype or a

simple e-commerce site, incorporating basic styling and functionality. The template's straightforward design can be a starting point for learning about web development and understanding how to structure a website's layout.

However, this project focuses only on the front-end aspect of an e-commerce website. To transform it into a fully functional e-commerce platform, additional components such as server-side programming, databases, user authentication, and payment processing would be required. This would involve integrating back-end technologies and ensuring security measures are in place to protect sensitive data.

The template can be used as a launching pad for exploring more complex features or integrating with popular e-commerce frameworks and platforms. It encourages further learning and development, allowing users to experiment with additional functionality, interactivity, and responsive design.

Overall, the project provides a valuable starting point for anyone interested in e-commerce website development,

illustrating the basic structure and styling that can be built upon to create a more comprehensive e-commerce solution.

REFERENCES:

- [Mozilla Developer Network \(MDN\) Web Docs](#): A comprehensive resource for learning HTML, CSS, and JavaScript. It includes guides, references, and examples for web development.
- [W3Schools](#): A popular platform for learning web technologies, offering tutorials and examples for HTML, CSS, JavaScript, and more.