CSE326
INTERNET PROGRAMMING LABORATORY

CA-3
PROJECT REPORT
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Lovely Professional University, Punjab

Registration No. : 12414785
Name : Rekha
Section : K24PR-G2
Roll No. : 67

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Introduction of the Project

- **What is this Project?**

This project is a simple Ecommerce. website shows different products with descriptions and prices. People can look at products and decide if they people want to buy them.

- **Goal of the Project:**

To create a basic website for an online store using HTML and CSS, which can be used by small businesses.

Technology Used

- **HTML(Hypertext Markup Language):**
HTML is used to create the structure of the website. It organizes the different parts, like the header, product sections, and footer.
- **CSS(Cascading Style Sheets):**
CSS is used to make the website look nice. It adds colors, styles, and makes the website look good on different screen sizes.
- **Files Used:**
  o Index.html - This file contains the main structure.
  o Styles.css - This file contains the design and style.

Working of the Project

- **Header Section:**
This part includes the website logo and navigation links(Home, Products, About, Contact). People can use these links to move around the website.
- **Product Section:**
Each product has an image, name, price, and "Buy Now" button. CSS is used to make each product look organized and attractive.
- **Footer Section:**
The footer contains copyright information, styled to match the rest of the website.

Code Snippets

❑ HTML Code:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>eCommerce Website</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <header>
        <div class="logo">MyShop</div>
        <nav>
            <ul>
                <li><a href="#">Home</a></li>
                <li><a href="#">Products</a></li>
                <li><a href="#">About</a></li>
                <li><a href="#">Contact</a></li>
            </ul>
        </nav>
        <div class="cart">
            <a href="#">Cart</a>
        </div>
    </header>
    <section class="hero">
        <h1>Welcome to MyShop</h1>
        <p>Discover our latest products and best deals.</p>
        <a href="#" class="shop-btn">Shop Now</a>
    </section>
    <section class="featured-products">
        <h2>Featured Products</h2>
        <div class="products">
            <div class="product">
                <img src="sweater.webp" alt="Product 1">
                <h3>Sweater</h3>
                <p>Rs.1299</p>
                <a href="#" class="buy-btn">Buy Now</a>
            </div>
            <div class="product">
                <img src="boots.jpg" alt="Product 2">
                <h3>Snow Boots</h3>
                <p>Rs.1199</p>
                <a href="#" class="buy-btn">Buy Now</a>
            </div>
            <div class="product">
                <img src="jacket.jpg" alt="Product 3">
                <h3>Jacket</h3>
                <p>Rs.899</p>
                <a href="#" class="buy-btn">Buy Now</a>
            </div>
        </div>
    </section>
    <footer>
        <p>&copy; 2024 MyShop. All rights reserved.</p>
    </footer>
</body>
```
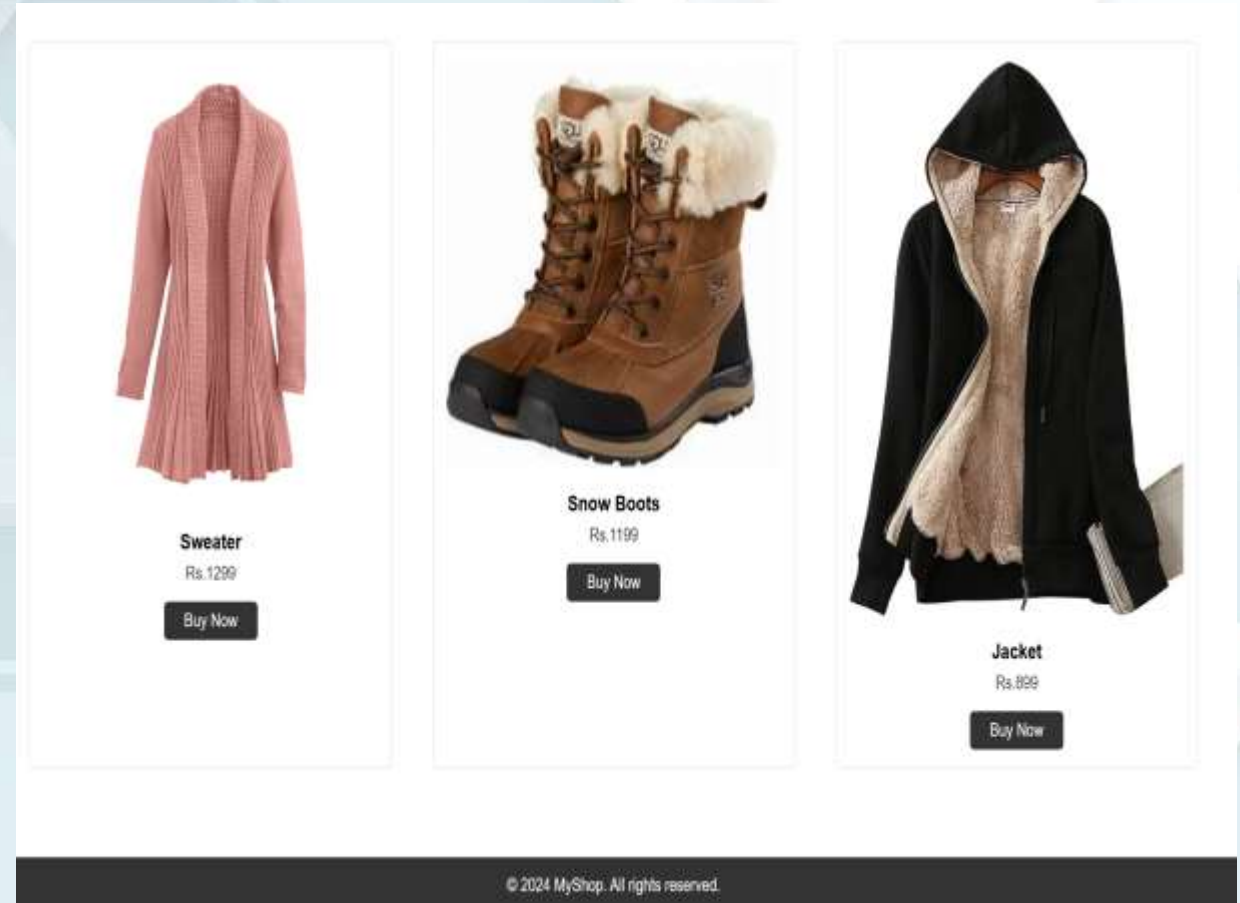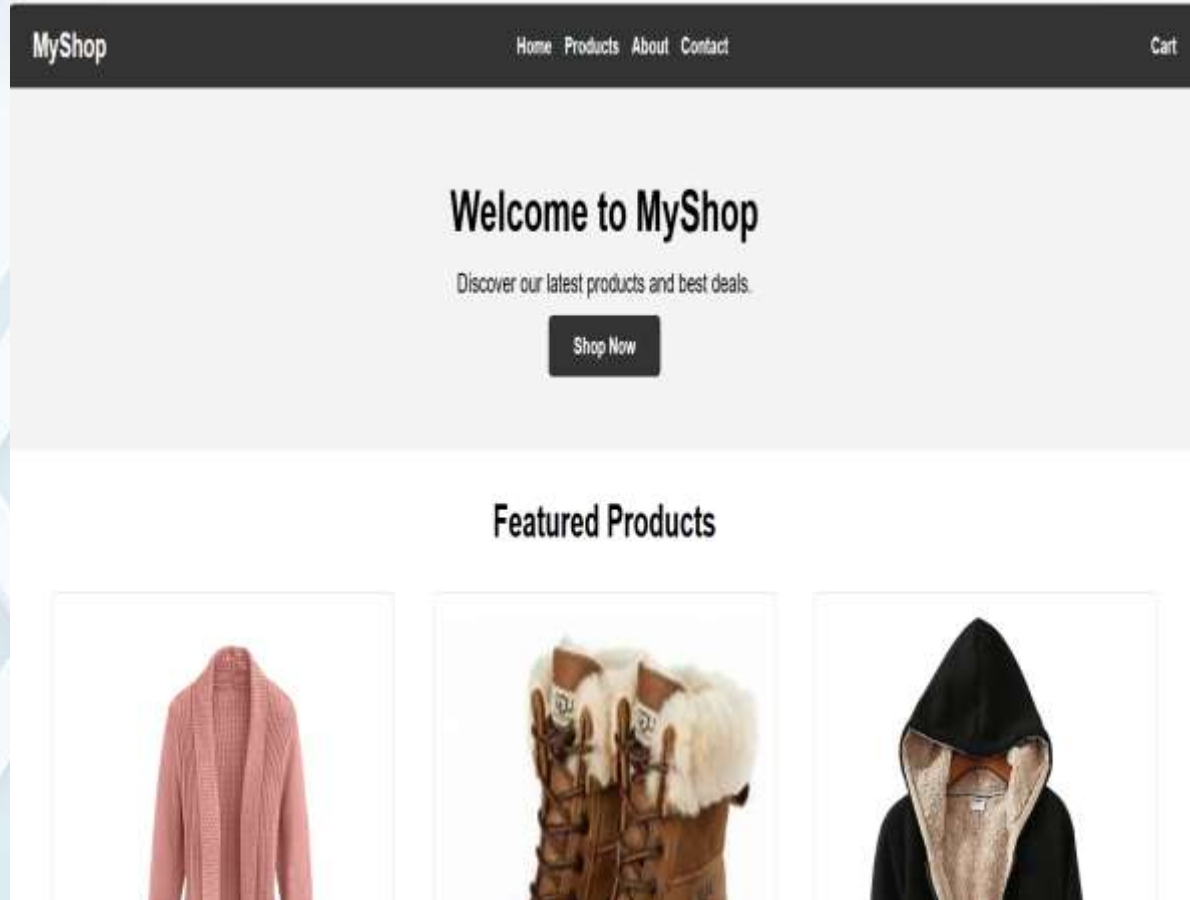
❑ CSS Code:-

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: Arial, sans-serif;
}
body {
    font-family: Arial, sans-serif;
}
header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 1rem 2rem;
    background-color: #333;
    color: #fff;
}
header .logo {
    font-size: 1.5rem;
    font-weight: bold;
}
header nav ul {
    display: flex;
    list-style-type: none;
}
header nav ul li {
    margin-right: 1rem;
}
header nav ul li a,
header .cart a {
    color: #fff;
    text-decoration: none;
    font-weight: 600;
}
.hero {
    text-align: center;
    padding: 4rem 2rem;
    background-color: #f4f4f4;
}
.hero h1 {
    font-size: 2.5rem;
    margin-bottom: 1rem;
}
.hero p {
    font-size: 1.2rem;
    margin-bottom: 1.5rem;
}
.hero .shop-btn {
    background-color: #333;
    color: #fff;
    padding: 0.8rem 2rem;
    text-decoration: none;
    font-weight: bold;
}
.hero .shop-btn {
}
.featured-products {
    padding: 2rem;
    text-align: center;
}
.featured-products h2 {
    font-size: 2rem;
    margin-bottom: 1rem;
}
.products {
    display: flex;
    justify-content: space-around;
    flex-wrap: wrap;
}
.product {
    width: 30%;
    padding: 1rem;
    margin: 1rem 0;
    border: 1px solid #ddd;
    border-radius: 5px;
    text-align: center;
}
.product img {
    width: 100%;
    height: auto;
    border-radius: 5px;
    margin-bottom: 1rem;
}
.product h3 {
    font-size: 1.2rem;
    margin-bottom: 0.5rem;
}
.product p {
    font-size: 1rem;
    margin-bottom: 1rem;
    color: #333;
}
.buy-btn {
    display: inline-block;
    background-color: #333;
    color: #fff;
    padding: 0.5rem 1.5rem;
    text-decoration: none;
    border-radius: 5px;
}
footer {
    text-align: center;
    padding: 1rem;
    background-color: #333;
    color: #fff;
    margin-top: 2rem;
}
```

Screenshots

Conclusion

- **Project Summary:**
This projects is a basic online store website that shows products and is easy to use. It has a simple design and is easy to navigate.
- **What I Learned:**
  o Learned how to use HTML and CSS to make a website.
  o Created a simple online store layout for displaying products.
- **Future Improvements:**
  o Add a shopping cart feature.
  o Improve the website for different device sizes.

References

- HTML/CSS guides.
- Web development tutorials

- http://www.youtube.com/
- http://www.google.com/
- http://www.chatgpt.com/

THANK YOU