Internship Report – Frontend Dev(Week3)

Name: Zainab

Father Name: Assad Qayyum

Date: 11ᵗʰ July, 2025

Internship Domain: Front-end Intern

Task: CSS - Mini Project:

Task Overview: (Day5)

Today's task was to do a **Mini Project:** Responsive Homepage for a business/brand

Objective:

The objective of this project was to create a visually appealing, responsive homepage for a brand using modern CSS techniques learned during Week 3 of the internship. It demonstrates how front-end tools can be combined to deliver a user-friendly experience across devices.

Mini Project: A Responsive FreshBlend Juice Brand Homepage

This project is a **responsive homepage** for a juice brand called FreshBlend. It showcases modern front-end techniques using CSS Grid, media queries, transitions, custom fonts, and variables to create an engaging and adaptable layout for all screen sizes.

CSS Concepts used:

CSS Grid: Used for a responsive layout of header and feature sections.

Media Queries: Ensures the site adjusts to different screen sizes (mobile, tablet, desktop).

Transitions & Animations: Add smooth effects to buttons and feature cards on hover.

CSS Variables (:root, var()): Enables reusability and theme consistency for colors and fonts.

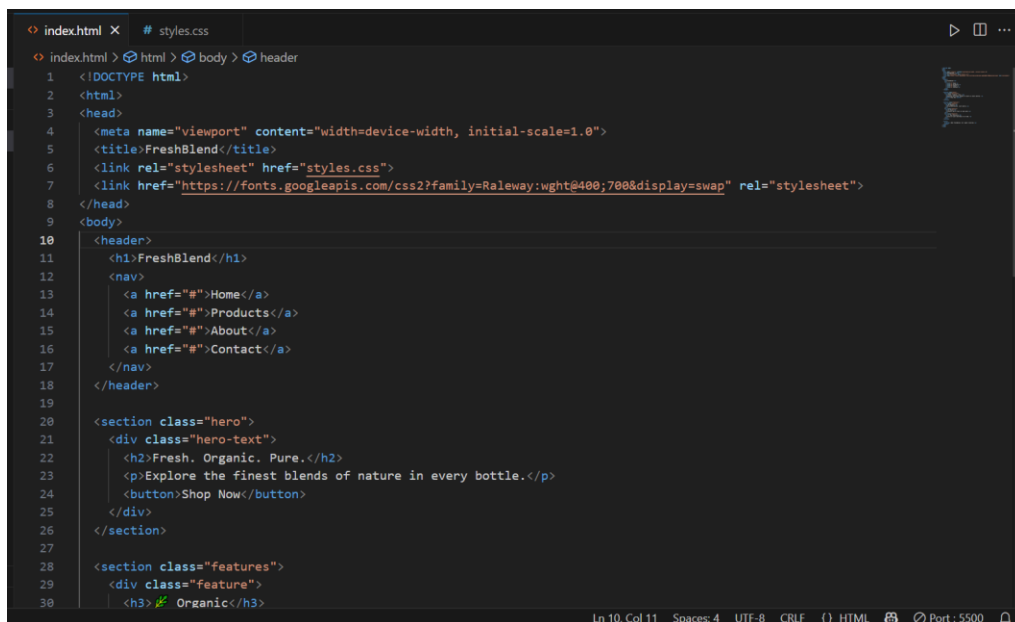**Custom Fonts:** Google Fonts integration for better typography using Raleway.

Pseudo-classes (:hover): Enhance interactivity when users hover over buttons or links.

Pseudo-elements (::before): Add decorative icons to the footer without extra HTML.

Responsive Hero Section: Uses a background image with cover and centered text for visual impact.

Code:

Index.html:

```html
<!DOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>FreshBlend</title>
    <link rel="stylesheet" href="styles.css">
    <link href="https://fonts.googleapis.com/css2?family=Raleway:wght@400;700&display=swap" rel="stylesheet">
</head>
<body>
    <header>
        <h1>FreshBlend</h1>
        <nav>
            <a href="#">Home</a>
            <a href="#">Products</a>
            <a href="#">About</a>
            <a href="#">Contact</a>
        </nav>
    </header>

    <section class="hero">
        <div class="hero-text">
            <h2>Fresh. Organic. Pure.</h2>
            <p>Explore the finest blends of nature in every bottle.</p>
            <button>Shop Now</button>
        </div>
    </section>

    <section class="features">
        <div class="feature">
            <h3>🌿 Organic</h3>
```

```html
     2   <html>
     9   <body>
    20      <section class="hero">
    26      </section>
    27
    28      <section class="features">
    29         <div class="feature">
    30            <h3>🌿 Organic</h3>
    31            <p>No preservatives. Just nature.</p>
    32         </div>
    33         <div class="feature">
    34            <h3>🍓 Tasty</h3>
    35            <p>Flavors you'll fall in love with.</p>
    36         </div>
    37         <div class="feature">
    38            <h3>🚚 Fast Delivery</h3>
    39            <p>Juice at your doorstep in no time.</p>
    40         </div>
    41      </section>
    42
    43      <footer>
    44         <p>&copy; 2025 FreshBlend. All rights reserved.</p>
    45      </footer>
    46   </body>
    47   </html>
    48
```
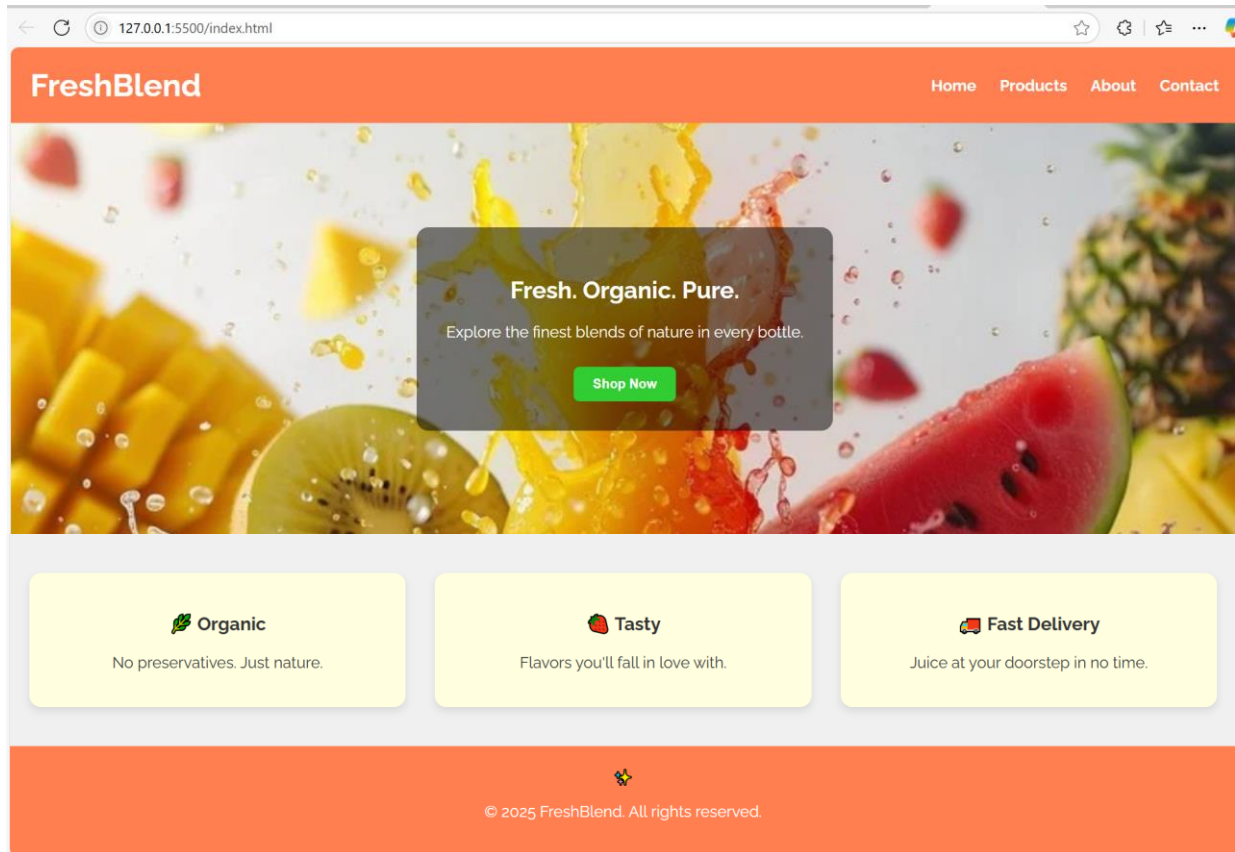
Styles.css:

```css
     1   :root {
     2      --primary-color: #ff7f50;
     3      --secondary-color: #f0f0f0;
     4      --text-dark: #333;
     5      --accent-color: #32cd32;
     6   }
     7   body {
     8      font-family: 'Raleway', sans-serif;
     9      margin: 0;
    10      background-color: var(--secondary-color);
    11      color: var(--text-dark);
    12   }
    13
    14   header {
    15      display: grid;
    16      grid-template-columns: 1fr auto;
    17      align-items: center;
    18      padding: 20px;
    19      background-color: var(--primary-color);
    20      color: white;
    21   }
    22   header h1 {
    23      margin: 0;
    24   }
    25
    26   nav a {
    27      margin-left: 20px;
    28      text-decoration: none;
    29      color: white;
    30      font-weight: bold;
```

```css
# styles.css > .feature

26   nav a {
29       color: white;
30       font-weight: bold;
31       transition: color 0.3s ease;
32   }
33   nav a:hover {
34       color: var(--accent-color);
35   }
36
37   .hero {
38       display: grid;
39       place-items: center;
40       text-align: center;
41       background: url('https://images.stockcake.com/public/6/f/e/6fe8daec-1ee2-4555-8de9-f0e64530bc63_large/fruit-splash-
42       height: 70vh;
43       color: white;
44   }
45
46   .hero-text {
47       background-color: rgba(0, 0, 0, 0.5);
48       padding: 30px;
49       border-radius: 12px;
50   }
51
52   .hero button {
53       background-color: var(--accent-color);
54       color: white;
55       border: none;
56       padding: 10px 20px;
57       font-weight: bold;
```

```css
# styles.css > .feature

52   .hero button {
56       padding: 10px 20px;
57       font-weight: bold;
58       border-radius: 6px;
59       margin-top: 10px;
60       transition: transform 0.3s ease;
61   }
62   .hero button:hover {
63       transform: scale(1.1);
64   }
65
66   .features {
67       display: grid;
68       grid-template-columns: repeat(3, 1fr);
69       gap: 30px;
70       padding: 40px 20px;
71       text-align: center;
72   }
73
74   .feature {
75       background-color: lightyellow;
76       padding: 20px;
77       border-radius: 12px;
78       box-shadow: 0 4px 8px rgba(0,0,0,0.1);
79       transition: transform 0.3s ease;
80   }
81   .feature:hover {
82       transform: translateY(-5px);
83   }
```

```css
# styles.css > .feature:hover

81   .feature:hover {
83   }
84   @media (max-width: 768px) {
85       .features {
86           grid-template-columns: 1fr;
87       }
88
89       header {
90           grid-template-columns: 1fr;
91           text-align: center;
92       }
93
94       nav {
95           margin-top: 10px;
96       }
97
98       .hero {
99           height: 50vh;
100      }
101  }
102  footer::before {
103      content: " ✦ ";
104  }
105  footer {
106      text-align: center;
107      background-color: var(--primary-color);
108      color: white;
109      padding: 20px;
110  }
111
```

Conclusion:

This project allowed me to apply and reinforce my knowledge of responsive design, layout techniques with CSS Grid, and interactivity using transitions and pseudo-classes. It also improved my ability to create clean, scalable, and accessible front-end code.