Full Stack Experiment 2

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<u>Theory</u>:

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Full Stack Experiment 2

<u>Aim</u>: Adding style to an HTML webpage with CSS and creating responsive & accessible layouts with CSS

<u>Theory</u>: CSS stands for Cascading Style sheets, its a programming language used for describing the presentation and layout of web pages written in HTML and XML. CSS is used to control the design aspects of a website, such as colours, fonts, spacing and positioning of element helps in separating the content (HTML) from its presentation, allowing for more flexible and consistent web design. If you have specific questions about CSS or need help with something related to it.

<u>Selections</u>: CSS uses selections to target HTML elements and apply styles to them. Common selections include element selector class selectors & ID selectors.

<u>Properties & Values</u>: CSS rule consists of properties & their corresponding values for example you can set the color property to specify the text colour & assign it a value like red.

<u>Cascading & specificity</u>: CSS follows a cascading order which means styles can be inherited and overriden. Specificity is a mechanism that determines which style rule takes precedence when conflicting rules apply to the same element.

Box module: In CSS, elements are treated as boxes with content, padding, borders & margins you can control the size & spacing of these boxes using properties like width height, margin padding & border.

External, Internal & Inline CSS : You can include CSS styles in your HTML document in various ways. External CSS is stored in separate CSS files, internal CSS is placed within the <style> tag in the HTML document and inline CSS is applied directly to individual HTML element using the style attribute. Frameworks like bootstrap & foundation provide predesigned CSS and components to streamline web development.

Conclusion: Hence, using CSS, the HTML website was beautiful and made more presentab

Code:

musicshop.css:

```css
/* Reset some default browser styles */
body, h1, h2, h3, p, ul, li, table {
    margin: 0;
```

```css
    padding: 0;
}

/* Apply styles to the whole page */
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    line-height: 1.6;
    margin: 0;
    padding: 0;
}

/* Page header */
h1 {
    text-align: center;
    padding-top: 20px;
    padding-bottom: 20px;
    background-color: #333;
    color: #fff;
    /* margin-bottom: 10; */
}

/* Navigation menu */
nav {
    padding-top: 20px;
    list-style-type: none;
    background-color: #ba9d9d;
    overflow: hidden;
}

nav {
    /* float: left; */
    padding-bottom: 20px;
}

nav li a {
    display: block;
    color: #fff;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

/* Header for the main content */
h2 {
    background-color: #333;
    color: #fff;
    text-align: center;
```

```css
        padding: 10px;
}

/* Styling for the main content sections */
main {
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
    background-color: #fff;
    box-shadow: 0 0 5px rgba(0, 0, 0, 0.3);
}

/* Styling for product listings */
.product {
    background-color: #fff;
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
    padding: 20px;
    margin: 20px;
    text-align: center;
}

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

.product h3 {
    margin-top: 10px;
    font-size: 18px;
}

.product p {
    margin-top: 10px;
    font-size: 14px;
}

.product button {
    margin-top: 10px;
    background-color: #333;
    color: #fff;
    border: none;
    padding: 10px 20px;
    cursor: pointer;
    font-size: 14px;
}

.product button:hover {
    background-color: #555;
```

```css
}

footer {
    background-color: #ffffff;
    color: #000000;
    text-align: center;
    padding: 10px;
}

footer p {
    padding: 30px;
}

/* Add hover effect to navigation links */
nav li a:hover {
    background-color: #555;
}
```

youraccount.css:

```css
/* Reset some default browser styles */
body, h1, h2, h3, p, ul, li, table {
    margin: 0;
    padding: 0;
}

/* Apply styles to the whole page */
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    line-height: 1.6;
    margin: 0;
    padding: 0;
}

/* Page header */
h1 {
    text-align: center;
    padding: 20px;
    background-color: #333;
    color: #fff;
}

/* Navigation menu */
nav ul {
    list-style-type: none;
```

```css
    background-color: #ba9d9d;
    overflow: hidden;
}

nav ul li {
    float: center;
}

nav ul li a {
    display: block;
    color: #fff;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

/* Header for the main content */
header {
    background-color: #333;
    color: #fff;
    text-align: center;
    padding: 10px;
}

/* Styling for the main content sections */
main {
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
    background-color: #fff;
    box-shadow: 0 0 5px rgba(0, 0, 0, 0.3);
}

/* Styling for user profile section */
#user-profile {
    text-align: center;
}

#user-profile img {
    border-radius: 20%;
}

/* Styling for account details section */
#account-details {
    margin-top: 20px;
    padding-top: 20px;
    border-top: 1px solid #ddd;
}
```

```css
/* Styling for order history table */
#order-history table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
}

#order-history table th, #order-history table td {
    border: 1px solid #ddd;
    padding: 8px;
    text-align: left;
}

/* Add hover effect to navigation links */
nav ul li a:hover {
    background-color: #555;
}
```

aboutus.css:

```css
/* Reset some default browser styles */
body, h1, h2, h3, p, ul, li, table {
    margin: 0;
    padding: 0;
}

/* Apply styles to the whole page */
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    line-height: 1.6;
    margin: 0;
    padding: 0;
}

/* Page header */
header h1 {
    text-align: center;
    padding: 20px;
    background-color: #333;
    color: #fff;
}

/* Navigation menu */
nav {
    list-style-type: none;
```

```css
    background-color: #ba9d9d;
    overflow: hidden;
}

nav li {
    float: center;
}

nav li a {
    display: block;
    color: #fff;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

/* Header for the main content */
header {
    background-color: #333;
    color: #fff;
    text-align: center;
    padding: 10px;
}

/* Styling for main content sections */
main {
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
    background-color: #fff;
    box-shadow: 0 0 5px rgba(0, 0, 0, 0.3);
}

/* Styling for headings within main content */
h2 {
    margin-top: 20px;
    font-size: 24px;
}

/* Styling for paragraphs within main content */
p {
    margin-top: 10px;
    font-size: 16px;
    line-height: 1.5;
}

/* Styling for lists within main content */
ul {
```
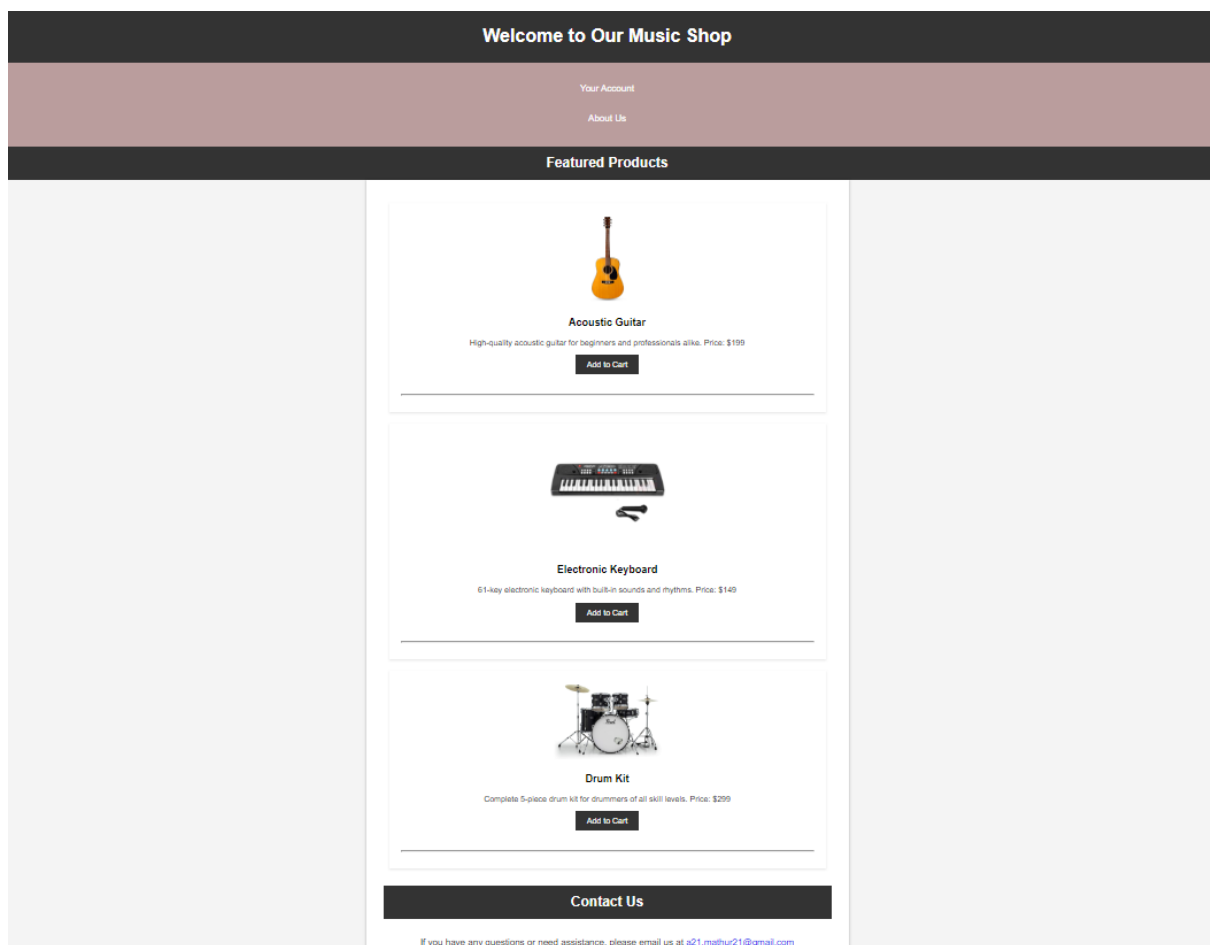
```css
    margin-top: 10px;
    list-style: square;
    padding-left: 20px;
}

/* Footer */
footer {
    background-color: #333;
    color: #fff;
    text-align: center;
    padding: 10px;
}

/* Add hover effect to navigation links */
nav li a:hover {
    background-color: #555;
}
```

Output:

Your Account

Home

Welcome to Your Account!

Your Profile

Name: John Doe
Email: johndoe@example.com
Username: johndoe123

Account Details
Membership Level: Premium
Subscription Expiry: January 31, 2024
Change Password: Click here

Order History

Order Number	Date	Total Amount
12345	August 15, 2023	$99.99
67890	July 25, 2023	$49.95

About Us

Home

Your Account

Our Mission

Our mission is to provide high-quality products and excellent customer service to meet the needs of our customers.

Meet the Team

- **Abhay Mathur** - CEO
- **Shreya Shah** - Marketing Director
- **Devansh Rathor** - Sales Manager

<u>Conclusion</u>: Hence, using CSS, the HTML website was beautiful and made more presentable.