Hands-on Activity 3.2	Creating a Portfolio Page	
Course Code: CPE025B	**Program: BSCPE**
Course Title: Software Design 2	**Date Performed: 01/24/2026**
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Name: Bautista, Jhon Hendricks	**Instructor:** Engr. Neal Barton James Matira

1. Discussion

Module 2 tackles the usage of colors and text styling. It shows that CSS can utilize Hex values for color declaration and also the HSL values for better color control. There are also different implementations of this through backgrounds, boxes, shadows and borders. Then there is the text styling wherein we can change almost everything about the text from its font style, font family, colors, and to its spacing. Lastly is how to use CSS in styling the image element presentation which we can modify to change how images are shown in our website.

3. Procedure

2.10.1 Creating a Portfolio Page

Scenario

You have been tasked with creating a personal portfolio webpage to showcase your skills, projects, and contact information. This page will utilize various CSS properties to enhance its visual appeal and functionality. Follow the instructions to style your webpage step by step.

We have provided a basic HTML skeleton for your portfolio page in the editor under the *index.html* file. Your task is to apply the necessary CSS styles to this HTML structure to bring your portfolio to life.

Instructions

Follow the instructions below to style the webpage step by step:

1. Apply Colors

- Set the text color of the `<h1>` element to a shade of green using an RGB

value.
- Change the background color of the `<body>` to a light gray using a HEX value.
- Set the text color of the `<h2>` elements to a shade of blue using an HSL value.
- Change the background color of the `<header>` to a shade of red using a CMYK value.

2. Background Properties

- Set a background image for the `<header>` element using the `background-image` property. Use the image URL `"https://edube.org/uploads/media/default/0001/04/portfolio.jpg"`.
- Apply a linear gradient to the `<main>` section, transitioning from a light blue to a white color.
- Ensure the background image in the header does not repeat and is centered using the appropriate background properties.

3. Text Styling

- Set the font family of the entire document to Arial, sans-serif.
- Change the font size of the `<p>` elements to 18px.
- Make the text in the `<h2>` elements italic and underlined.

4. List Properties

- Change the list style type of the unordered lists to square.
- Set the line height of the list items to 1.6.

- Add 10px padding to the left of each list item.

5. Hyperlink Properties

- Change the color of all hyperlinks to dark blue.
- Set the color of visited links to purple.
- When a link is hovered over, change its color to red.

6. Image Properties

- Set the width of all images to 100% of their container.
- Ensure the maximum width of images does not exceed 600px.
- Add a border radius of 10px to make the corners of the images rounded.
- Apply a box shadow to the images with the following values: 5px 5px 10px gray.

7. Review and Test

- Review your HTML and CSS to ensure all elements are styled correctly and the CSS rules are applied as expected.
- Experiment with different styles and properties to see how they affect your webpage.

4. Output

Welcome to My Portfolio

About Me

Hi, I'm a web developer with a passion for creating beautiful and functional web pages.

Projects

Here are some of my recent projects:

- Project One
- Project Two
- Project Three

Contact Me

Feel free to reach out to me via email or through my social media profiles.

Email Me

© 2023 My Portfolio

5. Supplementary Activity

HTML CODE

HTML

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>My Portfolio</title>

    <link
href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@400
;600;700&display=swap" rel="stylesheet">

    <link rel="stylesheet" href="hoa3-2_supple,Bautista.css">
</head>
<body>

    <header class="navbar">
        <div class="logo">My Portfolio</div>
        <nav>
            <a href="#">Home</a>
            <a href="#">Projects</a>
            <a href="#">About</a>
            <a href="#">Contact</a>
        </nav>
    </header>

    <section class="hero">
        <div class="hero-image">
            <img src="person.jpg" alt="Portfolio Image">
        </div>
```

```html
        <div class="hero-content">
            <h1>Doraemon's <span>Portfolio</span></h1>
            <div class="line"></div>
            <p>
                Hi, I'm Doraemon, the best friendly-neighborhood cat
from the future.
            </p>

            <div class="hero-buttons">
                <a href="http://doraemon.com.tr/en/characters/"
class="btn primary">
                    Explore Now
                </a>

                <a
href="https://youtu.be/h09Yn8SE9dA?si=gVp8OXg8snbpEKoH" class="btn
secondary">
                    ▶ Play Video
                </a>
            </div>
    </section>

    <main class="content">
        <section>
            <h2>About Me</h2>
            <p>
                I am training to be web developer highlighting a passion
for creating elegant,
                modern, and user-friendly web experiences.
                I specialize in building responsive websites with clean
design,
                strong usability, and modern aesthetics. I decided to
build this to share some of the amazing
                inventions I keep in my Fourth-Dimensional Secret Gadget
Pocket.
            </p>
        </section>

        <section class="projects">
            <h2>Projects</h2>

            <div class="project-grid">
                <div class="project-card">
                    <img src="proj1.png" alt="Project One">
                    <p>Animal Beam</p>
                </div>

                <div class="project-card">
                    <img src="proj2.png" alt="Project Two">
```

```html
                    <p>Action Quizzer</p>
                </div>

                <div class="project-card">
                    <img src="proj3.webp" alt="Project Three">
                    <p>Arrow of Love</p>
                </div>
            </div>
        </section>


        <section>
            <h2>Contact Me</h2>
            <p>Email me at:</p>
            <a
href="mailto:info@myportfolio.com">info@myportfolio.com</a>
        </section>
    </main>

    <footer>
        &copy; 2023 My Portfolio
    </footer>

</body>
</html>
```

CSS CODE

```css
CSS
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: 'Playfair Display', serif;
    background-color: #0b1c2d;
    color: #e6edf5;
}

.navbar {
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 20px 80px;
```

```css
        background-color: #081523;
}

.logo {
    font-size: 30px;
    font-weight: 600;
}

nav a {
    color: #cfd8e3;
    margin-left: 25px;
    text-decoration: none;
}

nav a:hover {
    color: #ffffff;
}

.hero {
    display: flex;
    min-height: 90vh;
}

.hero-image {
    flex: 1;
}

.hero-image img {
    width: 100%;
    height: 100%;
    object-fit: cover;
}

.hero-content {
    flex: 1;
    padding: 80px;
    display: flex;
    flex-direction: column;
    justify-content: center;
    background: linear-gradient(135deg, #0b1c2d, #102a44);
}

.hero-content h1 {
    font-size: 64px;
    font-weight: 700;
}

.hero-content h1 span {
    color: #7aa2ff;
}
```

```css
.line {
    width: 80px;
    height: 2px;
    background-color: #7aa2ff;
    margin: 25px 0;
}

.hero-content p {
    font-size: 18px;
    line-height: 1.7;
    max-width: 420px;
    margin-bottom: 35px;
}

.hero-buttons {
    display: flex;
    gap: 15px;
}

.btn {
    padding: 12px 28px;
    font-size: 15px;
    cursor: pointer;
    border-radius: 4px;
    font-family: inherit;
    text-decoration: none;

}

.btn.primary {
    background-color: #7aa2ff;
    border: none;
    color: #081523;
}

.btn.primary:hover {
    background-color: #5f89e6;
}

.btn.secondary {
    background: transparent;
    border: 1px solid #7aa2ff;
    color: #7aa2ff;
}

.content {
    padding: 80px 60px;
    background-color: #0b1c2d;
}
```

```css
.content section {
    margin-bottom: 50px;
}


h2 {
    font-size: 40px;
    margin-bottom: 15px;
    color: #7aa2ff;
}

p {
    font-size: 20px;

}

.projects {
    margin-top: 40px;
}

.project-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(260px, 1fr));
    gap: 40px;
    margin-top: 25px;
}

.project-card {
    background-color: #102a44;
    border-radius: 8px;
    overflow: hidden;
}

.project-card img {
    width: 100%;
    height: 280px;
    object-fit: cover;
}

.project-card p {
    text-align: center;
    padding: 12px;
    font-size: 14px;
    color: #e6edf5;
}

a {
    color: #7aa2ff;
    text-decoration: none;
```

```
}

a:hover {
    text-decoration: underline;
}

footer {
    text-align: center;
    padding: 20px;
    background-color: #081523;
    color: #9fb3c8;
}
```
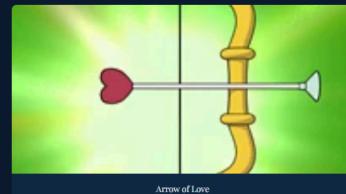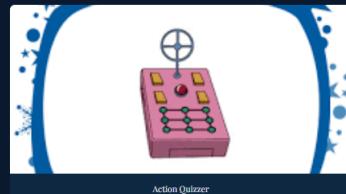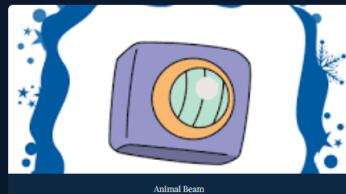
About Me

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Conclusion

After completing this activity I was able to utilize CSS in creating more style to my texts and using different backgrounds. In this activity I learned how to use different color properties with different kinds of fonts styling for different text elements in the website. For the sample website, I tried to utilize the different layout and fonts styling on the portfolio website. I based the layout on a sample template and tried to recreate it in CSS. I was able to demonstrate different styling of the text to provide coloring and emphasis on important texts on the page such as in the intro and sub headings.