

MACHINE PROBLEM - 3

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TW24 | BSIT-WMA

CREATE:

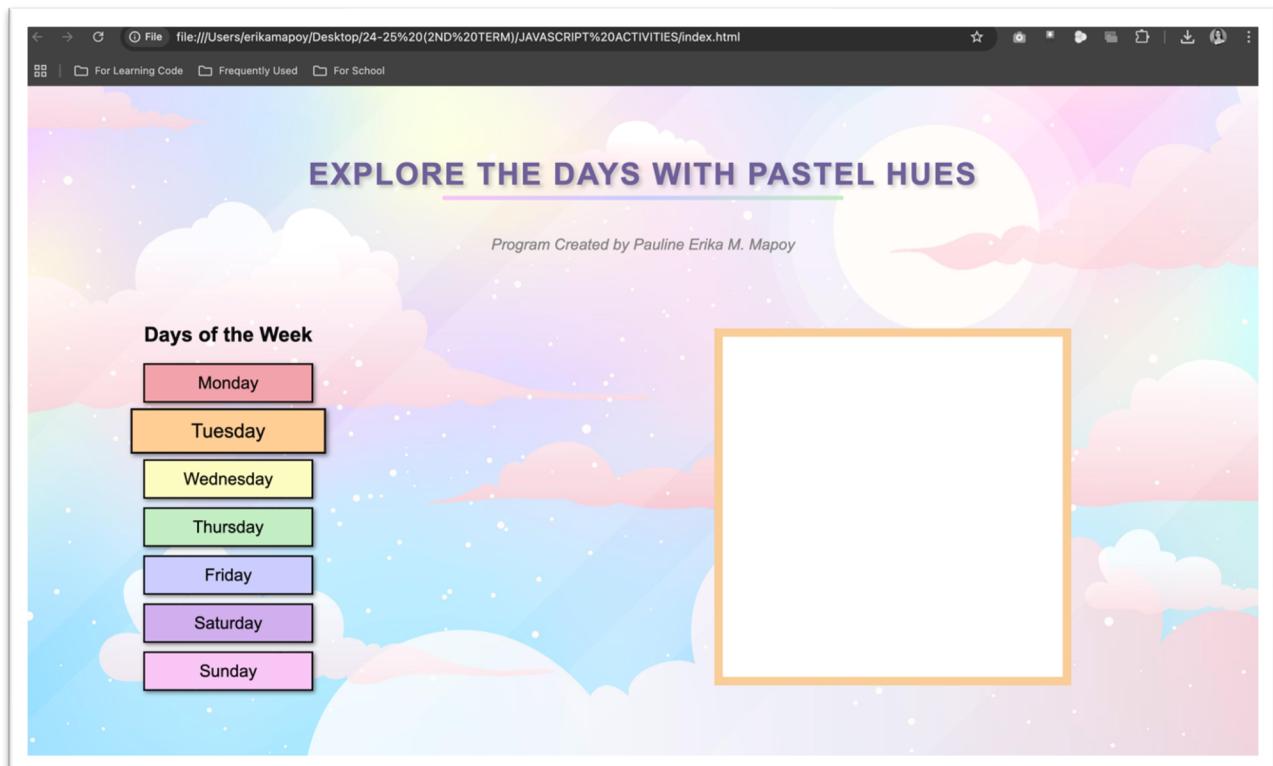
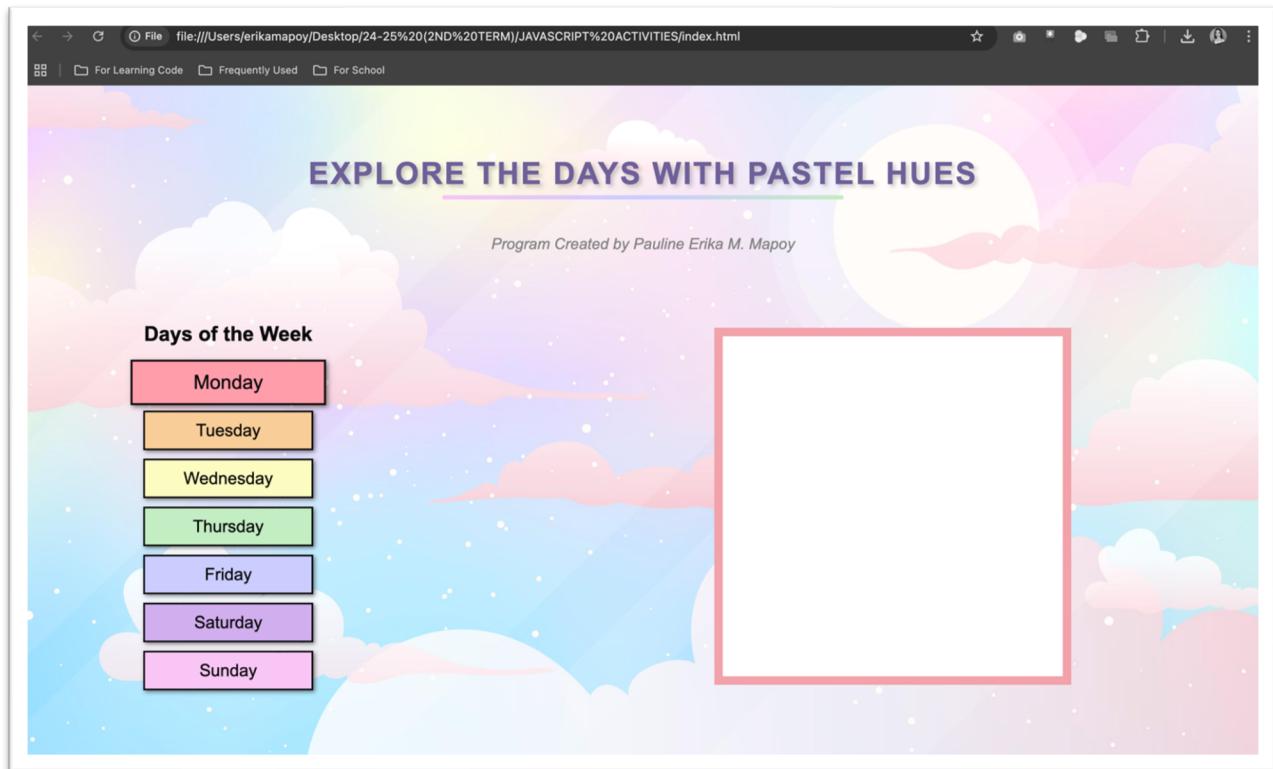
In order to assess your technical skills, this task was given to a student who is taking up the subject Advance Web Design. The output must be similar (use the video clip as your reference) in transition and animation as much as possible.

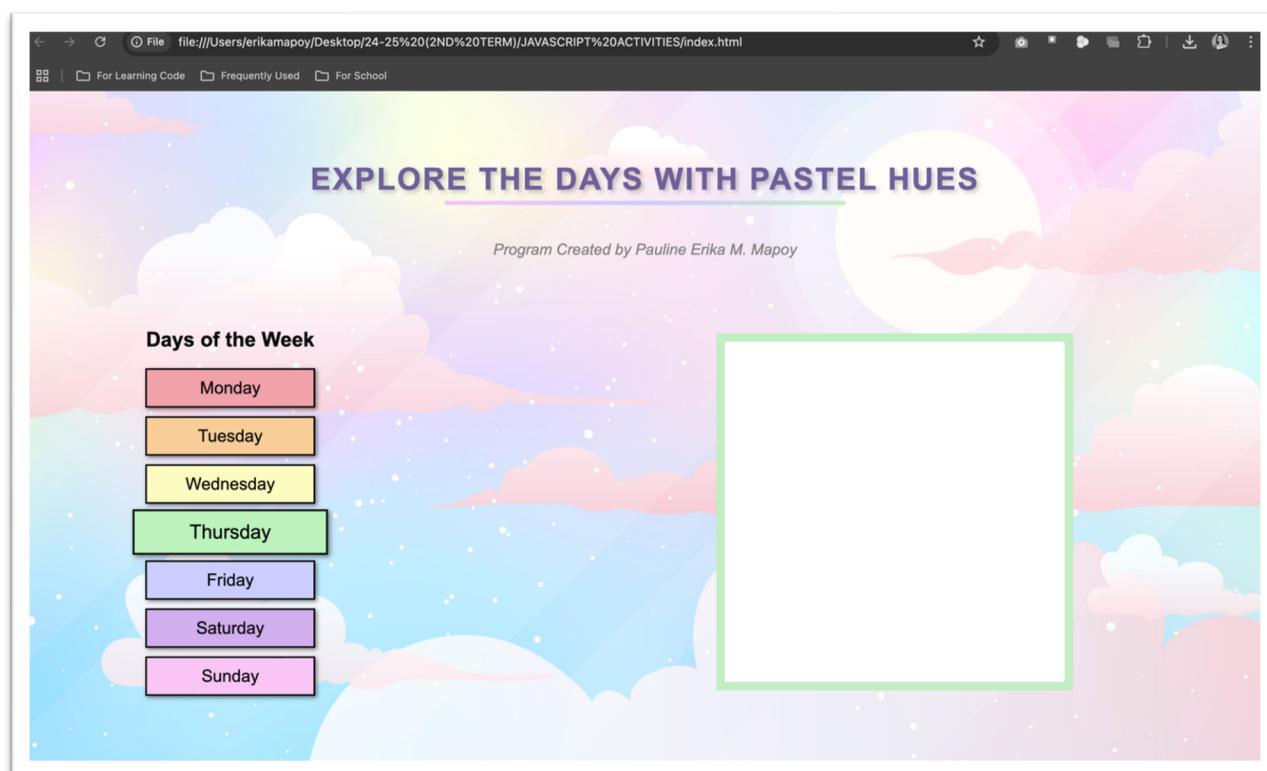
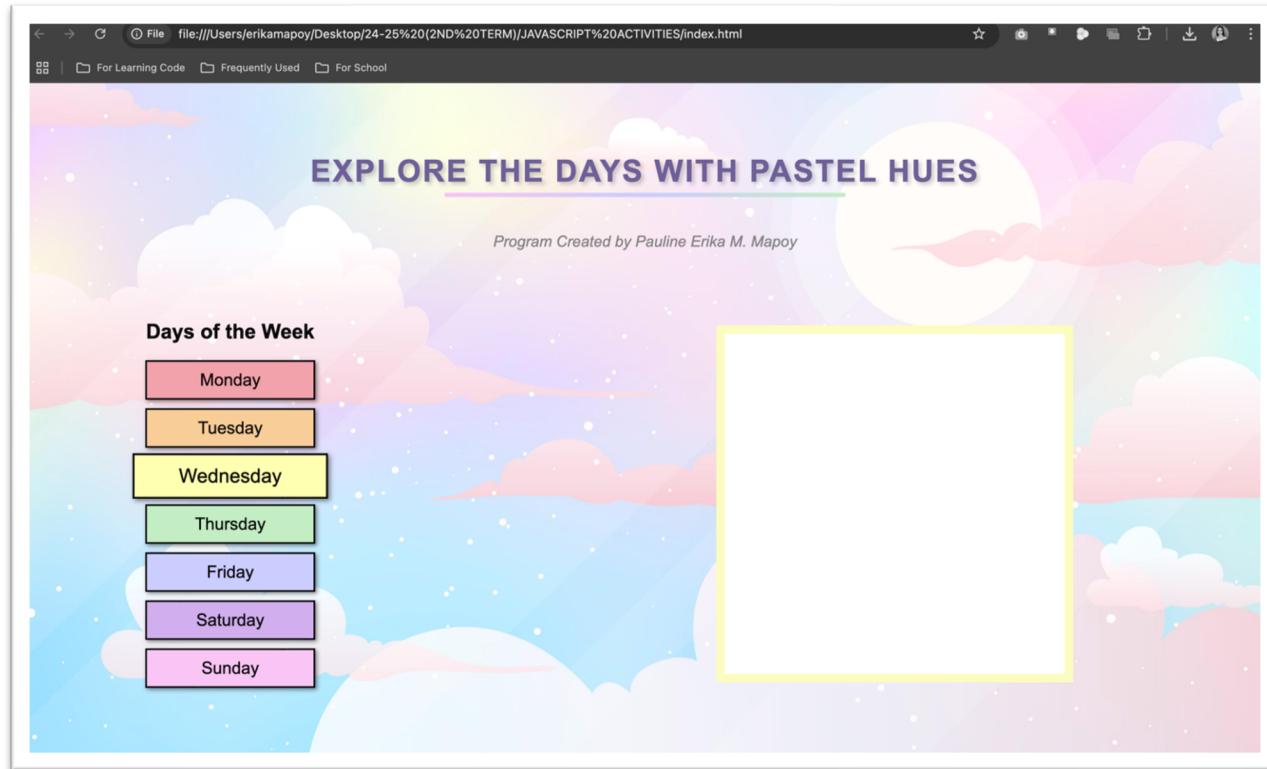
REQUIREMENTS:

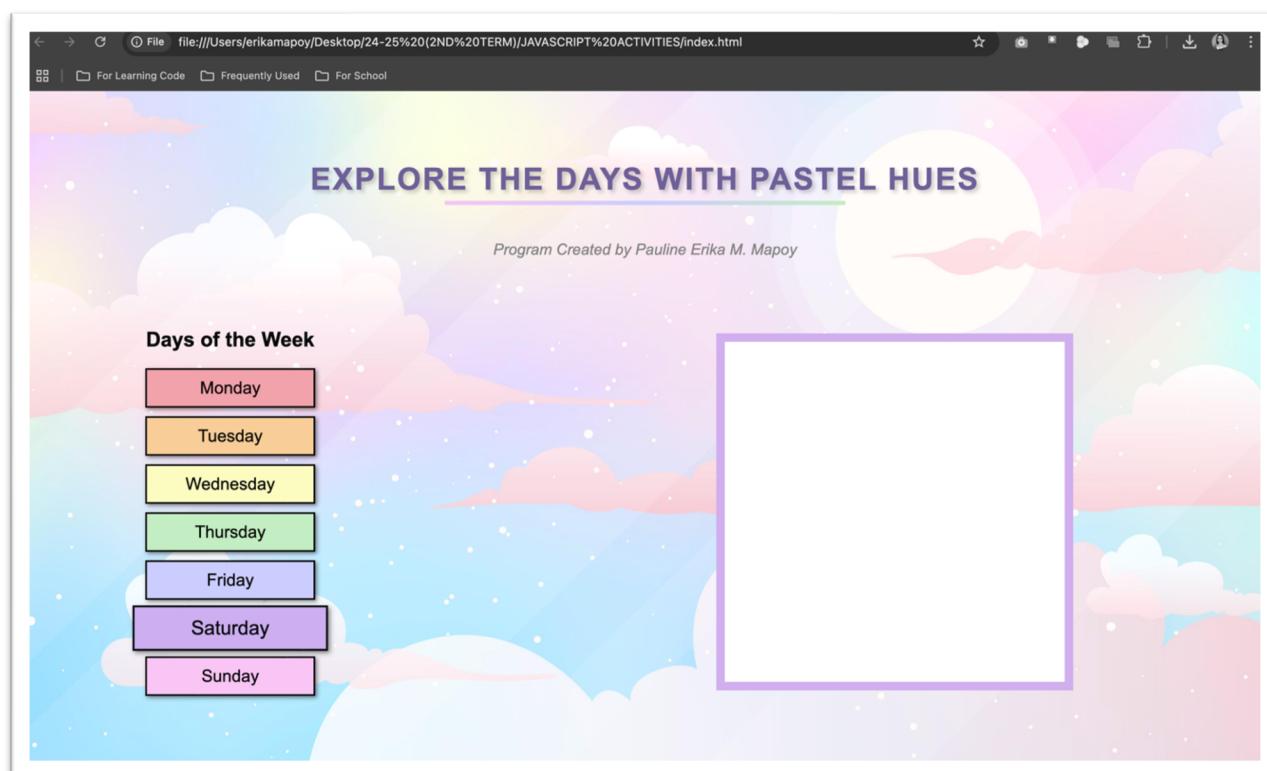
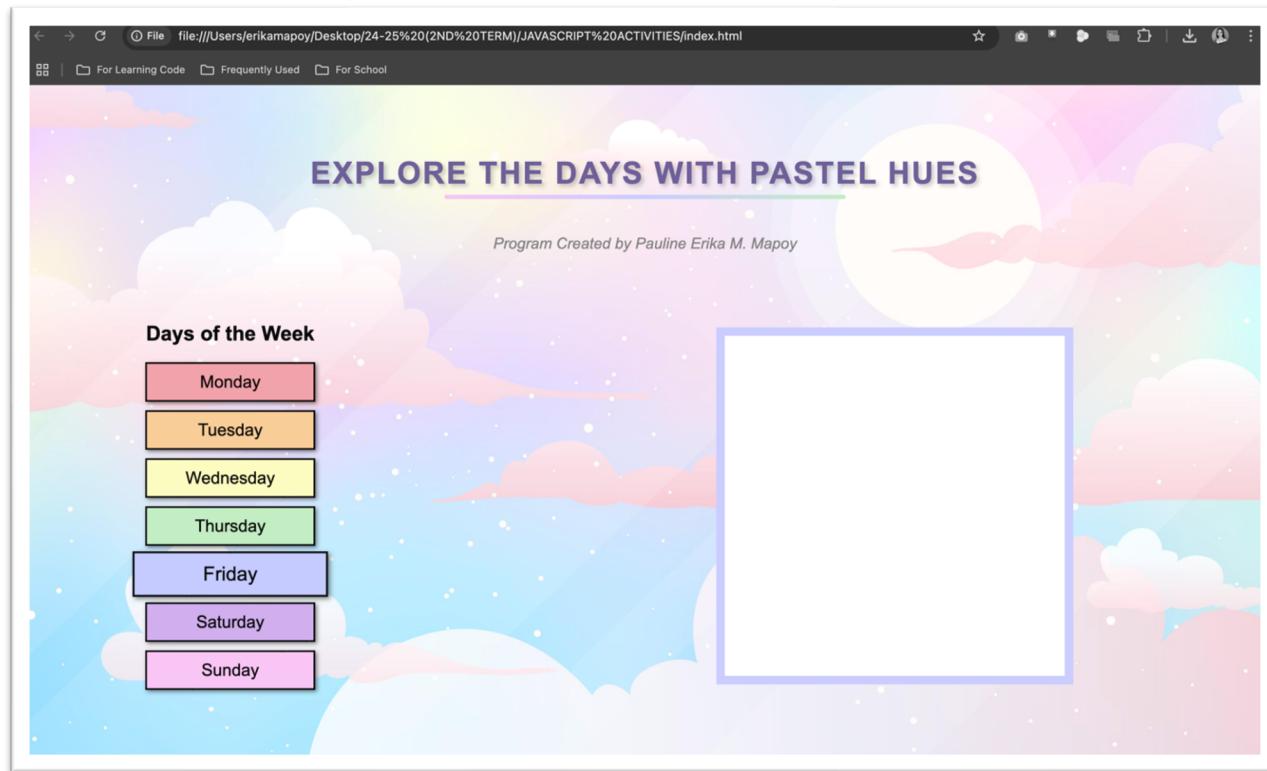
The student must be able to produce / display:

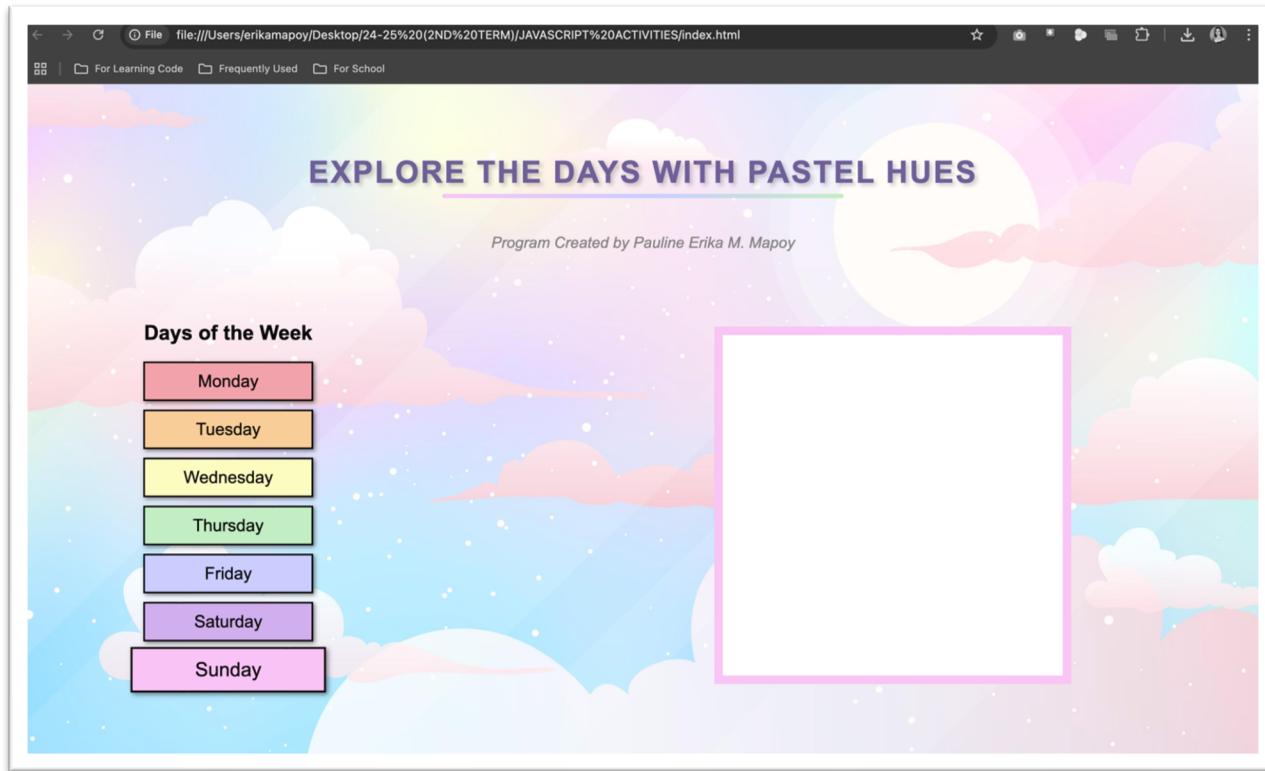
1. Everyday (7 buttons, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday)
 - a. In 1 (one) web page only
 - b. HTML, CSS and JavaScript (and other programming concepts).
 - c. When you click a button, a box appear then moves down and changes the color.(Notice the transition and animation together with the delay. From 1 color and then changes the color when it reaches a certain position). You may change the colors on the sample output.
2. Applying best practice in programming and proper folder and naming conventions. (Everything must be organized and proper, like usage of external files, applying other best practices for Design and Programming must be used at all).
3. Applying everything you have learned from previous Course together with this current Course.

// The transitions and animations really do work in this program, I just don't know how to screenshot them.









HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Animated Weekdays</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="header">
        <h1>Explore the Days with Pastel Hues</h1>
        <p class="subtitle">Program Created by Pauline Erika M. Mapoy</p>
    </div>
    <div class="container">
        <div class="button-container">
            <h2 class="title">Days of the Week</h2>
            <button onclick="showBox('Monday')">Monday</button>
            <button onclick="showBox('Tuesday')">Tuesday</button>
            <button onclick="showBox('Wednesday')">Wednesday</button>
```

```

        <button onclick="showBox('Thursday')">Thursday</button>
        <button onclick="showBox('Friday')">Friday</button>
        <button onclick="showBox('Saturday')">Saturday</button>
        <button onclick="showBox('Sunday')">Sunday</button>
    </div>
    <div class="box-container"></div>
</div>
<script src="script.js"></script>
</body>
</html>

```

CSS CODE:

```

body {
    font-family: Arial, sans-serif;
    margin: 0;
    background-image: url('pastelbg.jpg');
    background-size: cover;
    background-position: center;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    height: 100vh;
    text-align: center;
}

h1 {
    font-size: 32px;
    font-weight: bold;
    margin-top: 20px;
    color: black;
}

.container {
    display: flex;
    width: 80%;
    justify-content: space-between;
    align-items: center;
}

.button-container {
    display: flex;
    flex-direction: column;
}

```

```
    align-items: center;
    gap: 10px;
}

.title {
    font-size: 24px;
    font-weight: bold;
    margin-bottom: 10px;
}

button {
    padding: 10px 20px;
    border: 2px solid black;
    box-shadow: 2px 2px 5px rgba(0, 0, 0, 0.5);
    color: black;
    cursor: pointer;
    width: 200px;
    text-align: center;
    font-size: 20px;
    transition: background 0.3s, transform 0.2s ease-in-out;
}

button:nth-child(2) { background-color: #F09EA7; }
button:nth-child(3) { background-color: #F6CA94; }
button:nth-child(4) { background-color: #FAFABE; }
button:nth-child(5) { background-color: #C1EBC0; }
button:nth-child(6) { background-color: #C7CAFF; }
button:nth-child(7) { background-color: #CDABEB; }
button:nth-child(8) { background-color: #F6C2F3; }

button:nth-child(2):hover { background-color: #e88c98; }
button:nth-child(3):hover { background-color: #e6b884; }
button:nth-child(4):hover { background-color: #e9e99e; }
button:nth-child(5):hover { background-color: #a8d9a9; }
button:nth-child(6):hover { background-color: #b0b6e6; }
button:nth-child(7):hover { background-color: #b79bd9; }
button:nth-child(8):hover { background-color: #e1aede; }

.box-container {
    width: 50%;
    display: flex;
    justify-content: center;
    align-items: center;
    position: relative;
    height: 500px;
}

.box {
```

```
width: 400px;
height: 400px;
background-color: white;
border: 10px solid transparent;
position: absolute;
transition: top 1s ease, background-color 1s ease, border-color 1s ease;
}

.header {
    text-align: center;
    margin-bottom: 20px;
}

h1 {
    font-size: 36px;
    font-weight: bold;
    color: #6b5b95;
    text-transform: uppercase;
    letter-spacing: 2px;
    text-shadow: 3px 3px 5px rgba(0, 0, 0, 0.2);
    position: relative;
    display: inline-block;
    padding-bottom: 10px;
}

h1::after {
    content: "";
    width: 60%;
    height: 5px;
    background: linear-gradient(to right, #f6c2f3, #c7caff, #c1ebc0);
    position: absolute;
    bottom: 0;
    left: 50%;
    transform: translateX(-50%);
    border-radius: 5px;
}

.subtitle {
    font-size: 18px;
    color: gray;
    font-style: italic;
}

button:hover {
    transform: scale(1.15);
    filter: brightness(1.1);
    transition: transform 0.3s ease, filter 0.3s ease;
}
```

JAVASCRIPT:

```
let activeBoxes = [];

function showBox(day) {
    const colors = {
        Monday: '#F09EA7',
        Tuesday: '#F6CA94',
        Wednesday: '#FAFABE',
        Thursday: '#C1EBC0',
        Friday: '#C7CAFF',
        Saturday: '#CDABEB',
        Sunday: '#F6C2F3'
    };

    activeBoxes.forEach(box => {
        box.style.top = '-650px';
        setTimeout(() => {
            box.remove();
        }, 1000);
    });
}

const newBox = document.createElement('div');
newBox.classList.add('box');
newBox.style.backgroundColor = colors[day] || 'gray';
newBox.style.borderColor = colors[day] || 'gray';
newBox.style.top = '-500px';

document.querySelector('.box-container').appendChild(newBox);

setTimeout(() => {
    newBox.style.top = '50px';
}, 100);

setTimeout(() => {
    newBox.style.backgroundColor = 'white';
}, 1000);

activeBoxes = [newBox];
}
```

RUBRIC

COMPONENTS	5	4	3 - 2	1	TOTAL
Aesthetics	The web site has been an exceptionally attractive and usable layout. White space, alignment are used effectively to organize material.	The web site have been attractive and usable layout. It is easy to locate all important elements.	The web site have a usable layout, but may appear busy or boring. It is easy to locate most of the important elements.	The web site are cluttered looking or confusing. It is often difficult to locate important elements.	
Content	The web site has a well –stated clear purpose and theme that is carried out throughout the site	The web site has a clearly stated purpose and theme, but may have one or two elements that do not seem to be related to it.	The purpose and theme of the web site is somewhat muddy or vague.	The web site lacks a purpose and theme.	
Requirements	All information provided by the student on the web site is accurate and all the requirements of the assignment/tasks have been met.	Almost all information provided by the student on the web site is accurate and all requirements of the tasks have been met.	Almost all of the information on the web site is accurate and almost all requirements have been met.	There are several inaccurate in the provided information or many of the requirements were not met.	