Laboratory Exercise 4
# ADVANCED CSS STYLING

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|---|---|---|---|
| **Program:** | CPE | **Section:** | CPE107L |

**Intended Learning Outcomes:**
1. Use simple and advanced styling methods such as fonts, colors, background images, and opacity.
2. Utilize positioning and pseudoclasses.

Duplicate (as identical as possible) the following website using HTML5 and CSS3 elements:



===============================================================================

**HTML Source Code:**

```
<!DOCTYPE html>
<html>
<head>
        <title>Lab Task 4</title>
        <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
        <header>
            <h1>A Complete CSS Website</h1>
            <div class="navPanel">
                <p style="text-align: left; width:47%; display: inline-block;
margin-left: 2%;">CPE104L   CPE107L   CPE121L</p>
```

```
                  <p style="text-align: right; width:48%;  display: inline-block;
padding-right: 1%; margin-left: auto;">CPE 3</p>
            </div>
      </header>
      <div class="firstContent">
            <h2>
                  Malayan Colleges Mindanao
            </h2>
            <img src="buildFront.jpg" alt="MCM" class="imge">
            <p> Malayan Colleges Mindanao (MCM), a branch encompassing Mapua
University's technological and academic excellence in Mindanao.</p>

      </div>
      <div class="secondContent">
            <h2>About Me</h2>
            <img src="me.jpg" alt="Me" class="imge">
            <p>I made this page.</p>
      </div>
      <div class="thirdContent">
            <h2>College of Engineering and Architecture</h2>
            <img src="cea.jpg" alt="CEA" class="imge">
            <p>MCM-CEA commits to educate students imbued with good moral and
ethical values while engaging economically viable research and innovation that is
relevant locally and beyond.</p>
      </div>
      <div class="fourthContent">
            <h2>Favorite Foods</h2>
            <img src="pizza.jpg" alt="food 1" class="imge">
            <img src="hotpot.jpg" alt="food 2" class="imge">
            <img src="soup.jpg" alt="food 3" class="imge" style="margin-bottom:
5%;"">
      </div>
      <footer>
            <p>Laboratory Task 4 - Advanced CSS Styling</p>
            <p>CPE107L Software Design Laboratory</p>
      </footer>
</body>
</html>
```

**CSS Source Code:**

```
body
{
      font-family: arial;
      display: grid;
      grid-template-columns: auto;
      grid-template-rows: auto;
      grid-template-areas:
    "header header header header"
    "first first first second"
    "first first first fourth"
    "third third third fourth"
    "third third third fourth"
    "third third third ."
    "footer footer footer footer";
      row-gap: 10px;
      column-gap: 10px;

}
header
{
      grid-area: header;
      background: #EDE7F6;
}
h1
{
```

```css
        text-align: center;
        font-size: 300%;
}
h2
{
        margin-left: 2%;
}
p
{
        margin-left: 2%;
}
.imge
{
        display: block;
        width: 92%;
        margin-left: auto;
        margin-right: auto;
}
.navPanel
{
        background: #000000;
        color: #FFFFFF;
}/*
.firstContent
{
        background: #EEEEEE;
        display: inline-block;
        width: 72%;
        height: auto;
        margin: 0.5%;
}
.secondContent
{
        background: #EEEEEE;
        display: inline-block;
        width: 25%;
        margin: 0.5%;
}
.thirdContent
{
        background: #EEEEEE;
        display: inline-block;
        width: 72%;
        height: auto;
        margin: 0.5%;
}
.fourthContent
{
        background: #EEEEEE;
        display: inline-block;
        width: 25%;
        height: auto;
        margin: 0.5%;
}
footer
{
        background: #EEEEEE;
        padding: 4%;
        margin: 0.5%;
}*/
footer p
{
        text-align: center;
}

.firstContent
{
        grid-area: first;
```
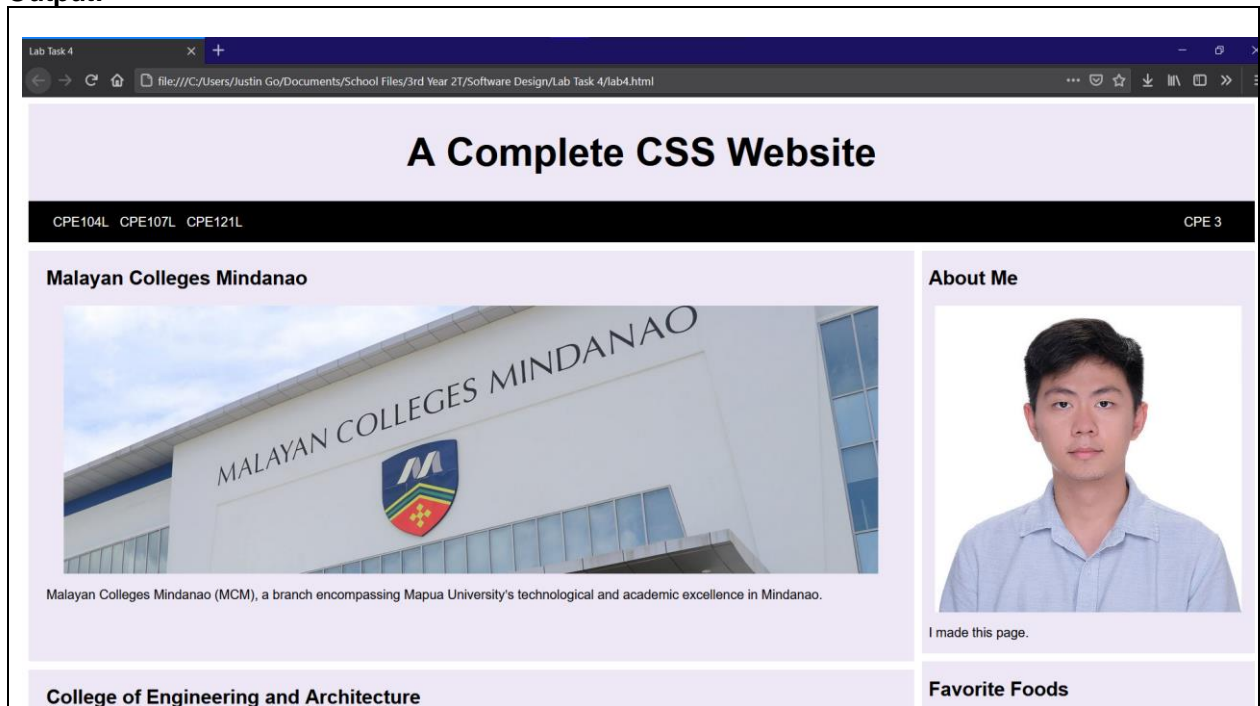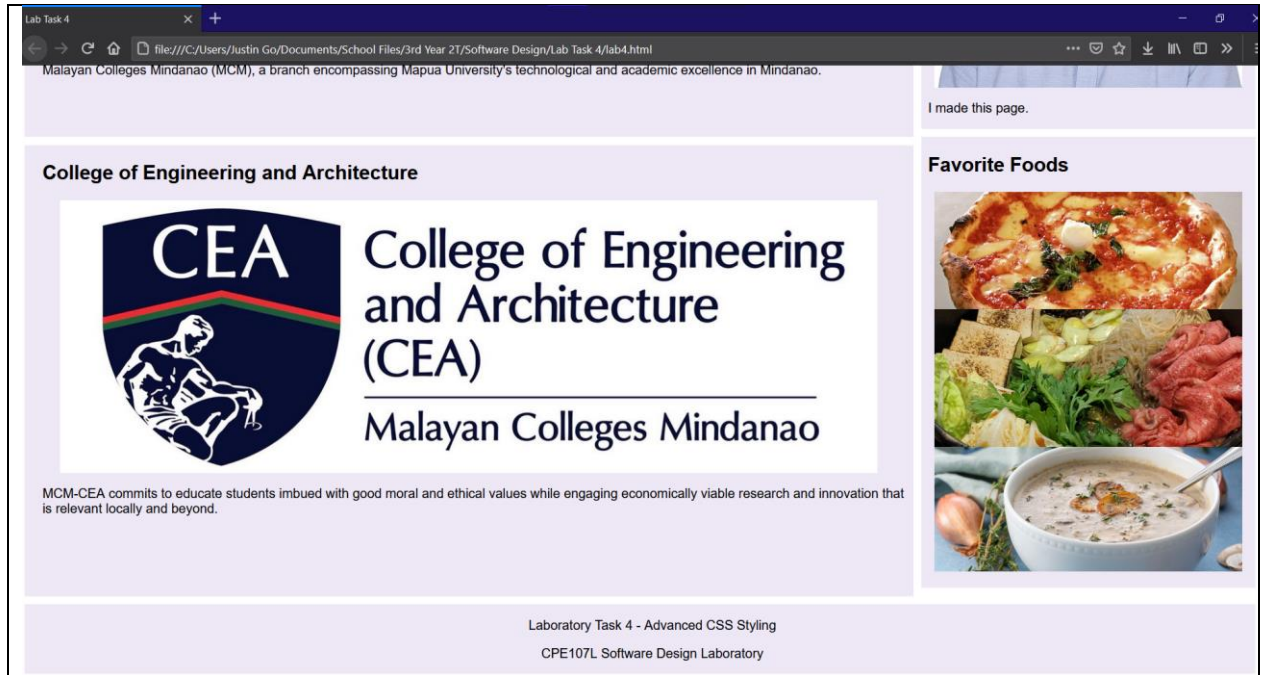
```
        background: #EDE7F6;
}
.secondContent
{
        grid-area: second;
        background: #EDE7F6;
}
.thirdContent
{
        grid-area: third;
        background: #EDE7F6;
}
.fourthContent
{
        grid-area: fourth;
        background: #EDE7F6;
}
footer
{
        grid-area: footer;
        background: #EDE7F6;
}
```

**Output:**

**Findings and Observations:**

This task highlights how much CSS can do as there are so many ways to approach this task. The way to replicate the design can be done in different ways and I am sure that I did not make it using the way the sample image made it and I am almost certain that I did it in a different way compared to my classmates as well. It shows how CSS can cater different approaches to design and some approaches may be better than others in certain aspects but in the end each approach has its own merits.