Anghela M Aliza
BSIT 3B

MIDTERM LAB ACTIVITY 1

WEB SYSTEMS AND TECHNOLOGIES

Instructions:

Design your birth month's calendar for this year and attach a photo on the specific day of your birthdate, create

using HTML and CSS only. Visual Studio Code or Notepad++ will be your text editor. (100 points)

1. Screenshot of Code/Syntax

```
1   <!DOCTYPE html>
2   <html>
3
4   <head>
5       <title>My Birth Month - August</title>
6       <link rel="stylesheet" href="style.css">
7       <link href="https://fonts.googleapis.com/css2?family=Orbitron:wght@400;700&display=swap" rel="stylesheet">
8   </head>
9
10  <body background="0.png">
11
12  <br><br><br><br><br>
13
14  <center>
15      <div class="calendar-box">
16          <font size="10" color="white" face="Orbitron">My Birth Month</font>
17
18          <br><br><br><br>
19
20          <table border="5" bordercolor="#FFFFFF">
21              <tr>
22                  <th colspan="7" bgcolor="#3A0F4A">
23                      <font size="6" color="white" face="Orbitron">August 2025</font>
24                  </th>
25              </tr>
26
27              <tr>
28                  <th><font size="4" color="#D83382" face="Orbitron">Sunday</font></th>
29                  <th><font size="4" color="#FFFFFF" face="Orbitron">Monday</font></th>
30                  <th><font size="4" color="#FFFFFF" face="Orbitron">Tuesday</font></th>
31                  <th><font size="4" color="#FFFFFF" face="Orbitron">Wednesday</font></th>
32                  <th><font size="4" color="#FFFFFF" face="Orbitron">Thursday</font></th>
33                  <th><font size="4" color="#FFFFFF" face="Orbitron">Friday</font></th>
34                  <th><font size="4" color="#D83382" face="Orbitron">Saturday</font></th>
35              </tr>
36
37              <!-- Week 1 -->
38              <tr>
39                  <td></td>
40                  <td></td>
41                  <td></td>
42                  <td></td>
43                  <td></td>
44                  <td align="center"><font size="5" color="#FFFFFF">1</font></td>
45                  <td align="center"><font size="5" color="#D83382"><b>2</b></font></td>
46              </tr>
47
```

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```html
47
48                  <!-- Week 2 -->
49                  <tr>
50                      <td align="center"><font size="5" color="#D83382"><b>3</b></font></td>
51                      <td align="center" id="birthday"><font size="5" color="#FFB87A"><b>4</b></font></td>
52                      <td align="center"><font size="5" color="#FFFFFF">5</font></td>
53                      <td align="center"><font size="5" color="#FFFFFF">6</font></td>
54                      <td align="center"><font size="5" color="#FFFFFF">7</font></td>
55                      <td align="center"><font size="5" color="#FFFFFF">8</font></td>
56                      <td align="center"><font size="5" color="#D83382"><b>9</b></font></td>
57                  </tr>
58
59                  <!-- Week 3 -->
60                  <tr>
61                      <td align="center"><font size="5" color="#D83382"><b>10</b></font></td>
62                      <td align="center"><font size="5" color="#FFFFFF">11</font></td>
63                      <td align="center"><font size="5" color="#FFFFFF">12</font></td>
64                      <td align="center"><font size="5" color="#FFFFFF">13</font></td>
65                      <td align="center"><font size="5" color="#FFFFFF">14</font></td>
66                      <td align="center"><font size="5" color="#FFFFFF">15</font></td>
67                      <td align="center"><font size="5" color="#D83382"><b>16</b></font></td>
68                  </tr>
69
70                  <!-- Week 4 -->
71                  <tr>
72                      <td align="center"><font size="5" color="#D83382"><b>17</b></font></td>
73                      <td align="center"><font size="5" color="#FFFFFF">18</font></td>
74                      <td align="center"><font size="5" color="#FFFFFF">19</font></td>
75                      <td align="center"><font size="5" color="#FFFFFF">20</font></td>
76                      <td align="center"><font size="5" color="#FFFFFF">21</font></td>
77                      <td align="center"><font size="5" color="#FFFFFF">22</font></td>
78                      <td align="center"><font size="5" color="#D83382"><b>23</b></font></td>
79                  </tr>
80
81                  <!-- Week 5 -->
82                  <tr>
83                      <td align="center"><font size="5" color="#D83382"><b>24</b></font></td>
84                      <td align="center"><font size="5" color="#FFFFFF">25</font></td>
85                      <td align="center"><font size="5" color="#FFFFFF">26</font></td>
86                      <td align="center"><font size="5" color="#FFFFFF">27</font></td>
87                      <td align="center"><font size="5" color="#FFFFFF">28</font></td>
88                      <td align="center"><font size="5" color="#FFFFFF">29</font></td>
89                      <td align="center"><font size="5" color="#D83382"><b>30</b></font></td>
90                  </tr>
91
92                  <!-- Week 6 (31st) -->
93                  <tr>
94                      <td align="center"><font size="5" color="#D83382"><b>31</b></font></td>
95                      <td></td>
96                      <td></td>
97                      <td></td>
98                      <td></td>
99                      <td></td>
00                      <td></td>
01                  </tr>
02              </table>
03
04          <br><br>
05
06          <!-- just Added Box Below Calendar -->
07          <div class="fact-box">
08              <font size="5" color="#FFB87A" face="Orbitron">
09                  Fun Fact: August is the only month named after a Roman emperor — Augustus Caesar!
10              </font>
11          </div>
12      </div>
13
14      <br><br>
15
16      <marquee>
17          <p>
18              [<b>AUGUST 4 -</b> My Birthday!]
19                
20              [<b>AUGUST 21 -</b> Ninoy Aquino Day]
21                
22              [<b>AUGUST 25 -</b> National Heroes Day]
23          </p>
24      </marquee>
25  </center>
26
27  <!--popup not important-->
28  <script>
29      const birthdayCell = document.getElementById("birthday");
30      birthdayCell.addEventListener("click", () => {
31          alert("Happy Birthday, Angel! 🎉🎂");
32      });
33  </script>
34
35  </body>
36  </html>
```
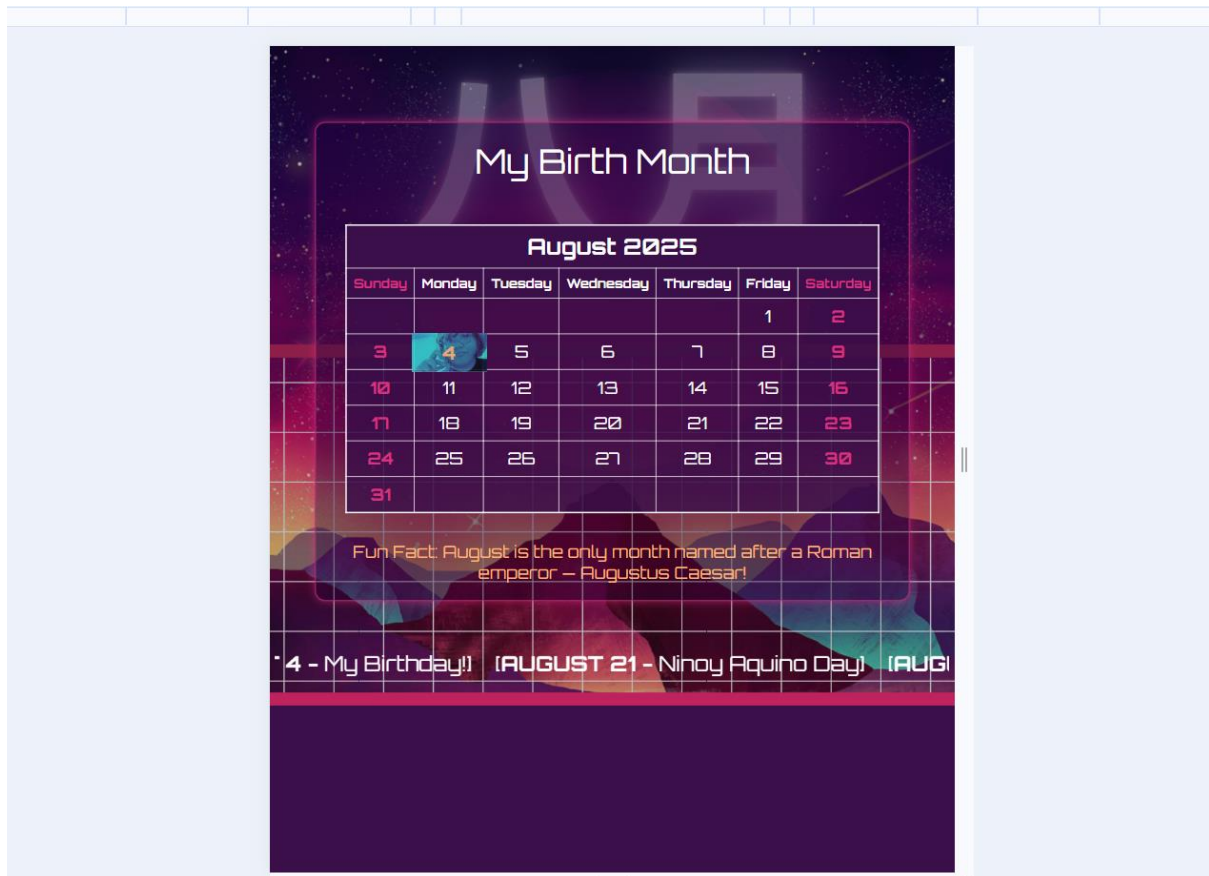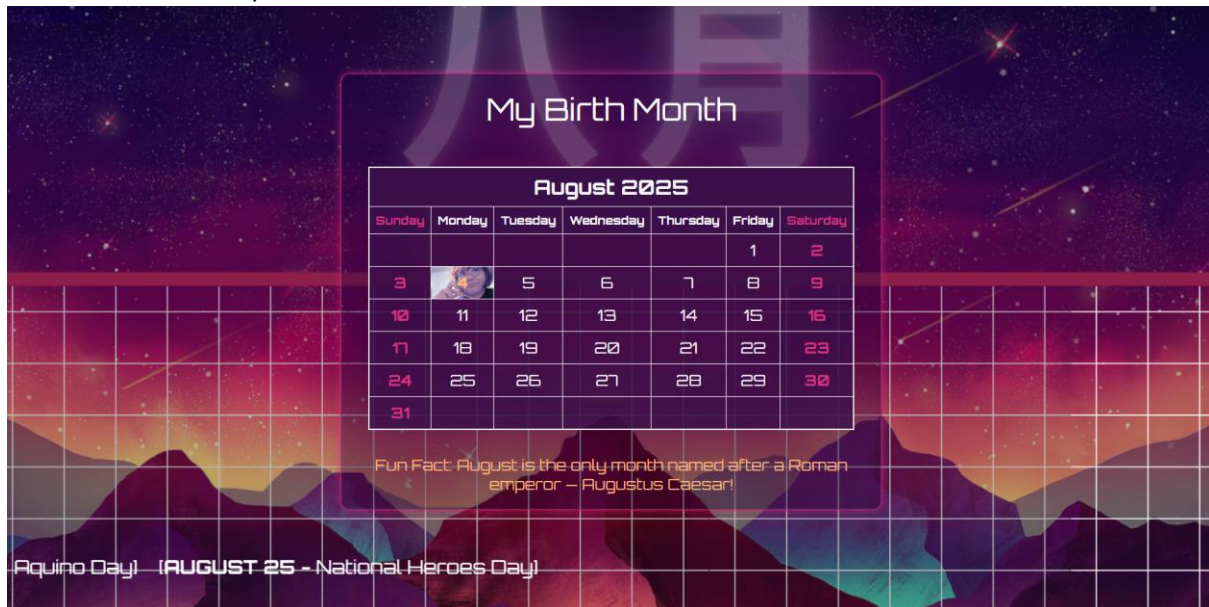
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```css
C: > Users > 1 > Downloads > GEL > # style.css > ...
  1   body {
  2       background-image: url("wallpaperp.png");
  3       background-size: cover;
  4       background-color: #3A0F4A;
  5       background-repeat: no-repeat;
  6       background-position: center;
  7       color: #FFFFFF;
  8       font-family: 'Orbitron', sans-serif;
  9   }
 10
 11   .calendar-box {
 12       width: 100%;
 13       max-width: 800px;
 14       margin: auto;
 15       /* lighter, more transparent so background shows through */
 16       background-color: rgba(30, 0, 60, 0.356);
 17       border: 2px solid rgba(216, 51, 130, 0.6);
 18       border-radius: 15px;
 19       padding: 24px;
 20       /* subtle glow */
 21       box-shadow: 0 0 12px rgba(240, 58, 146, 0.466);
 22   }
 23
 24
 25   table {
 26       background-color: rgba(58, 15, 74, 0.8);
 27       border-collapse: collapse;
 28       border: 2px solid #FFFFFF;
 29   }
 30
 31   th, td {
 32       padding: 10px;
 33       text-align: center;
 34       border: 1px solid #FFFFFF;
 35   }
 36
 37   th {
 38       background-color: #3A0F4A;
 39   }
 40
 41   td:hover {
 42       background-color: #34D1D1;
 43       color: #3A0F4A;
 44       cursor: pointer;
 45   }
 46
```

```css
marquee {
    color: #ffffff;
    font-family: 'Orbitron', sans-serif;
    font-size: 30px;
}

#birthday {
    background-image: url("picture.png");
    background-size: cover;
    background-position: center;
}
#birthday:hover {
    transform: scale(1.1);
    transition: 0.3s;
    box-shadow: 0 0 15px #FFB87A;
    cursor: pointer;
    background-blend-mode:darken;
    opacity: 0.9;
}
```

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2. Screenshot of Output

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3. Screenshot of Code/Syntax with Explanation

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26
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30                  <th><font size="4" color="#FFFFFF" face="Orbitron">Tuesday</font></th>
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32                  <th><font size="4" color="#FFFFFF" face="Orbitron">Thursday</font></th>
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```

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20      /* subtle glow */
21      box-shadow: 0 0 12px rgba(240, 58, 146, 0.466);
22  }
23
24
25  table {
26      background-color: rgba(58, 15, 74, 0.8);
27      border-collapse: collapse;
28      border: 2px solid #FFFFFF;
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31  th, td {
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35  }
36
37  th {
38      background-color: #3A0F4A;
39  }
40
41  td:hover {
42      background-color: #34D1D1;
43      color: #3A0F4A;
44      cursor: pointer;
45  }
46
47  marquee {
48      color: #FFB87A;
```

This code makes a simple webpage that shows a calendar for August 2025. It has a background picture and a see-through box to make the calendar easy to see. The text uses a cool digital font from Google Fonts. The calendar is made with a table, and the weekends have different colors. When you move the mouse over a date, it changes color. At the bottom, there's scrolling text that shows important days in August. It's just a simple and nice design to show the month of August.