

## 1. Screenshot of Code/Syntax

## 3. Screenshot of Code/Syntax with Explanation.

This screenshot shows the CSS code for a calendar page named 'top.html'. The code is organized into several sections: PAGE BACKGROUND, TITLE STYLE, CALENDAR TABLE STYLE, TABLE CELLS, and HEADER CELLS. The CSS uses inline comments to explain its purpose, such as 'Makes the background image cover the entire page' and 'Sets a fun, playful font'.

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <!-- Sets the character encoding to UTF-8 so all text displays correctly -->
        <title>My Birth Month</title>
        <!-- The title that appears in the browser tab -->
    </head>
    <style>
        /* PAGE BACKGROUND */
        body {
            margin: 0; /* Removes default page margin */
            background: url('rainbow-bg.jpg') no-repeat center fixed; /* Adds a rainbow background image */
            background-size: cover; /* Makes the background image cover the entire page */
            text-align: center; /* Centers all text on the page */
            font-family: 'Comic Sans MS', cursive, sans-serif; /* Sets a fun, playful font */
            color: #00a2az; /* Sets text color (brownish tone) */
        }
        /* TITLE STYLE */
        h1 {
            font-size: 60px; /* Makes the title text large */
            color: #ffffff; /* Sets the title color to white */
            margin-top: 60px; /* Adds space at the top of the page */
            text-shadow: 2px 2px 8px #ff99cc; /* Adds a pink glow behind the title text */
        }
        /* CALENDAR TABLE STYLE */
        table {
            margin: 50px auto; /* Centers the table horizontally */
            border-collapse: collapse; /* Merges table borders into a single line */
            border: 5px solid #ff80ab; /* Adds a pink border around the table */
            background-color: #rgb(255, 255, 255, 0.9); /* White background with slight transparency */
            border-radius: 20px; /* Rounds the table corners */
            box-shadow: 0 8px 20px #rgb(255, 182, 193, 0.8); /* Adds a soft pink shadow */
        }
        /* TABLE CELLS (th = header, td = data cells) */
        th, td {
            border: 2px solid #ff55cc; /* Light pink borders for all cells */
            width: 100px; /* Sets equal width for all cells */
            height: 40px; /* Sets height for all cells */
            text-align: center; /* Centers text inside the cell */
            font-size: 20px; /* Sets text size */
            border-radius: 5px; /* Adds small rounding to cell corners */
        }
        /* HEADER CELLS (Days of the week) */
        th {
            background-color: #ffbb6a; /* Light pink background */
            color: #fff; /* White text color */
            font-size: 22px; /* Slightly larger text for headers */
        }
    </style>

```

This screenshot shows the continuation of the CSS for the 'top.html' calendar page. It includes styles for specific days of the week (e.g., .sunday, .saturday), holidays, and a birthday cell. The CSS uses inline comments to describe the effects of each rule, such as 'Red text for weekends' and 'Light pink background color for holidays'.

```
.sunday, .saturday {
    color: #ee0073; /* Red text for weekends */
    font-weight: bold; /* Bold font to make them stand out */
}
.holiday {
    background-color: #ffedeb; /* Light pink background color for holidays */
    color: #ee0073; /* Dark pink text color */
    font-weight: bold; /* Makes text bold */
    border: 3px solid #ff7043; /* Adds thicker pink border to highlight */
}

/* BIRTHDAY STYLE */
.birthday {
    background-image: url('birthday.jpg'); /* Adds a custom birthday background image */
    background-size: cover; /* Makes the image cover the entire cell */
    background-position: center; /* Centers the image */
    color: #fff; /* White text color */
    font-weight: bold; /* Bold text for emphasis */
    font-style: italic; /* Adds an italic effect */
    font-size: 20px; /* Sets text size */
    text-shadow: 2px 2px 4px black; /* Adds black shadow for readability */
}

/* MARQUEE STYLE (Scrolling text) */
.marquee {
    font-size: 20px; /* Sets text size */
    color: #fff; /* White text */
    font-weight: bold; /* Bold text */
    background-color: #rgb(255, 105, 105, 0.9); /* Hot pink background with some transparency */
    padding: 10px; /* Adds space inside the marquee box */
    border-radius: 10px; /* Rounds the corners */
    margin: 10px auto; /* Centers the marquee and adds space around it */
    width: 80%; /* Sets the width of the page */
    box-shadow: 0 0 10px #fffb6c; /* Adds glowing pink shadow */
}

```

```
File Edit Selection View Go Run Terminal Help
o top.html ●
o top.html > body > table
3 <html lang="en">
96 <body>
101   <table>
102     <!-- MONTH TITLE ROW -->
103     <tr>
104       <th colspan="7">May 2025</th> <!-- Merges all 7 columns to show the month and year -->
105     </tr>
106
107     <!-- WEEKDAY HEADINGS -->
108     <tr>
109       <th class="sunday">Sunday</th>
110       <th>Monday</th>
111       <th>Tuesday</th>
112       <th>Wednesday</th>
113       <th>Thursday</th>
114       <th>Friday</th>
115       <th>Saturday</th>
116     </tr>
117
118     <!-- FIRST WEEK ROW -->
119     <tr>
120       <td></td> <!-- Empty cells since May doesn't start on Sunday -->
121       <td></td>
122       <td></td>
123       <td></td>
124       <td class="holiday">1</td> <!-- May 1 is Labor Day (holiday) -->
125       <td>2</td>
126       <td>3</td>
127     </tr>
128
129     <!-- SECOND WEEK -->
130     <tr>
131       <td class="sunday">4</td>
132       <td>5</td>
133       <td>6</td>
134       <td>7</td>
135       <td>8</td>
136       <td>9</td>
137       <td>10</td>
138     </tr>
139
140     <!-- THIRD WEEK -->
141     <tr>
142       <td class="sunday">11</td>
143       <td>12</td>
144       <td>13</td>
145       <td>14</td>
146       <td>15</td>
147       <td>16</td>
148       <td>17</td>
149     </tr>
150
151     <!-- FOURTH WEEK -->
152     <tr>
153       <td>18</td>
154       <td>19</td>
155       <td>20</td>
156       <td>21</td>
157       <td>22</td>
158       <td>23</td>
159       <td>24</td>
160     </tr>
161
162     <!-- FIFTH WEEK -->
163     <tr>
164       <td class="sunday">25</td>
165       <!-- May 25 is both a holiday and birthday (colored red/pink and has an image) -->
166       <td class="birthday holiday">26</td>
167       <td>27</td>
168       <td>28</td>
169       <td>29</td>
170       <td>30</td>
171       <td>31</td>
172     </tr>
173     <marquee>
174       <p>[May 26 - My Birthday] [May 1 - Labor Day]</p>
175     </marquee>
176   </table>
177 </body>
178 </html>
```

```
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106       <td>16</td>
107       <td>17</td>
108     </tr>
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114       <td>20</td>
115       <td>21</td>
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130       <td>31</td>
131     </tr>
132     <marquee>
133       <p>[May 26 - My Birthday] [May 1 - Labor Day]</p>
134     </marquee>
135   </table>
136 </body>
137 </html>
```

## 2. Screenshot of Output

The screenshot shows a web browser window titled "My Birth Month". The address bar indicates the file is located at "C:/Users/PCU-%20CO/Desktop/tope.html". The main content is a calendar for May 2025. The days of the week are labeled as Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday. The month is labeled "May 2025". The dates are arranged in a grid. The date "26" is highlighted with a pink background and features a small image of a person. Other dates include 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, and 31.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31