

# **WEB TECH LAB-2**

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**Branch = CSE**

T1. Make a little webpage to tell a little about yourself. Use at least three levels of headings and some paragraphs.

Ans. Code:

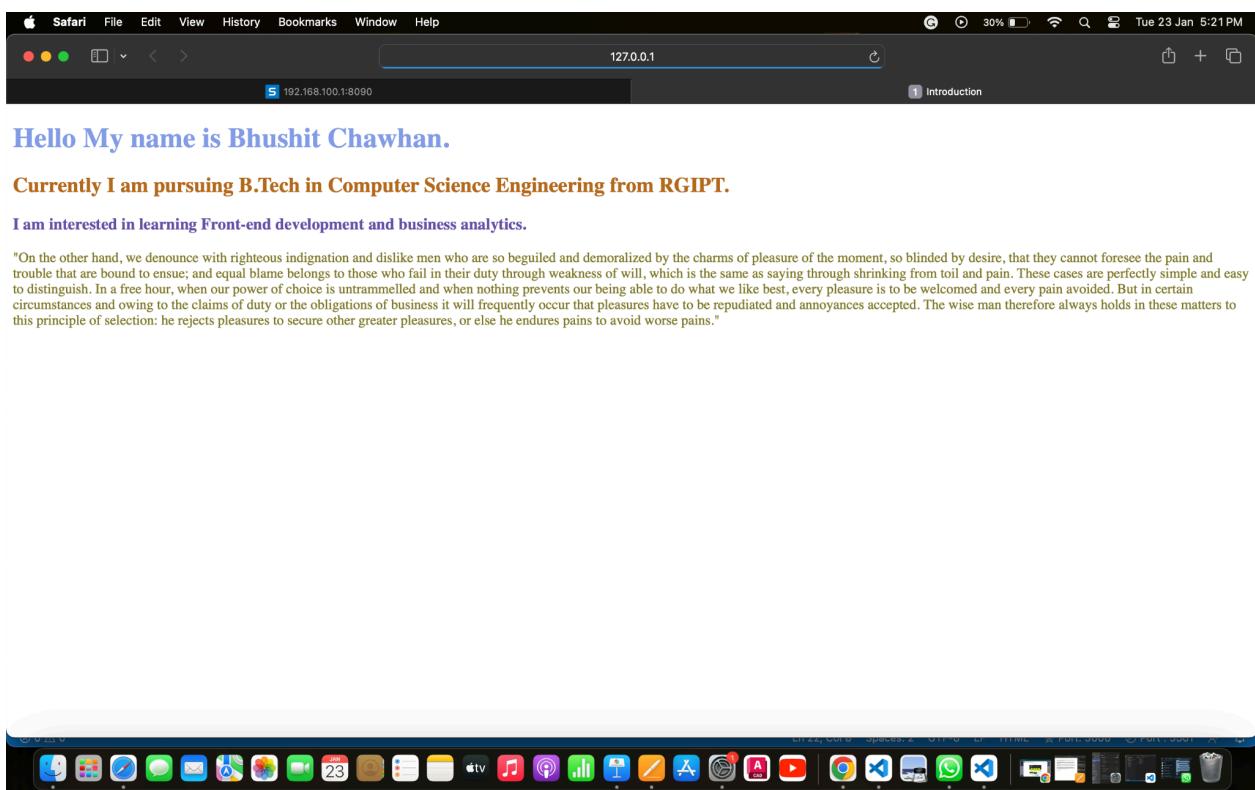
The screenshot shows the Visual Studio Code interface on a Mac. The title bar says "index.html – Untitled (Workspace)". The Explorer sidebar shows a workspace named "UNTITLED (WORKSPACE)" containing files like "goal.png", "index.html", "solution.html", and "2.3 Void Elements". The main editor pane displays the following HTML and CSS code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Introduction</title>
<style>
h1 {
color: #829de7;
}

h2 {
color: #b5691e;
}

h3 {
color: #6650a7;
}

p {
color: #817b29;
}
</style>
</head>
<body>
<h1>Hello My name is Bhushit Chawhan.</h1>
<h2>Currently I am pursuing B.Tech in Computer Science Engineering from RGIPT.</h2>
<h3>I am interested in learning Front-end development and business analytics.</h3>
<p>"On the other hand, we denounce with righteous indignation and dislike men who are so beguiled and demoralized by the charms of pleasure of the moment, so blinded by desire, that they cannot foresee the pain and trouble that are bound to ensue; and equal blame belongs to those who fail in their duty through weakness of will, which is the same as saying through shrinking from toil and pain. These cases are perfectly simple and easy to distinguish. In a free hour, when our power of choice is untrammelled and when nothing prevents our being able to do what we like best, every pleasure is to be welcomed and every pain avoided. But in certain circumstances and owing to the claims of duty or the obligations of business it will frequently occur that pleasures have to be repudiated and annoyances accepted. The wise man therefore always holds in these matters to this principle of selection: he rejects pleasures to secure other greater pleasures, or else he endures pains to avoid worse pains."
```



T2. Write an html page that includes a header element giving a title to some image then include the image in the page, sized appropriately, and a paragraph that describes the image.

Ans. Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Music Symbol</title>

</head>

<body>

<h1>A Tragedy : The Destruction of Music</h1>

>

<p>Tongues of flame licked greedily at the polished wood, a fiery halo crowning the fretboard. Once vibrant strings, now incandescent wires, sang their final notes - a searing melody of defiance against the encroaching inferno. Smoke, thick and acrid, choked the air, each billowing breath a rasping lament for the fallen instrument.

Yet, amidst the pyre, a strange beauty lingered. The flames, as if dancing to a forgotten rhythm, cast flickering shadows that mimicked the guitarist's final chords, an echo of music etched in light. The once gleaming body, now a canvas of char and ember, bore the scars of countless nights, each scorch mark a testament to the passion poured into its soul.

In that fiery demise, the guitar transcended its mortal form. It became a phoenix, its sacrifice birthing a new legend. Every crackle of the flames

whispered tales of forgotten solos, every lick of heat etched memories of thunderous riffs. Even as the last embers faded, the music lingered, a smoldering ember in the hearts of those who witnessed its final song.

The burning guitar stood not as a symbol of destruction, but of the transformative power of passion. It reminded us that even in the face of oblivion, the true fire of music burns on, forever etched in the tapestry of sound and memory.

</p>

</body>

</html>

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the following HTML file:

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Music Symbol</title>
7  </head>
8  <body>
9    <h1>A Tragedy : The Destruction of Music</h1>
10   
11   <p>Tongues of flame licked greedily at the polished wood  

12  

13     Yet, amidst the pyre, a strange beauty lingered. The fire  

14  

15     In that fiery demise, the guitar transcended its mortal form.  

16  

17     The burning guitar stood not as a symbol of destruction,  

18   </body>
19 </html>
20

```

The browser window shows the title "A Tragedy : The Destruction of Music" and an image of a guitar on fire. Below the image is a descriptive paragraph.

**A Tragedy : The Destruction of Music**

Tongues of flame licked greedily at the polished wood, a fiery halo crowning the fretboard. Once vibrant strings, now incandescent wires, sang their final notes - a searing melody of defiance against the encroaching inferno. Smoke, thick and acrid, choked the air, each billowing breath a rasping lament for the fallen instrument. Yet, amidst the pyre, a strange beauty lingered. The flames, as if dancing to a forgotten rhythm, cast flickering shadows that mimicked the guitarist's final chords, an echo of music etched in light. The once gleaming body, now a canvas of char and ember, bore the scars of countless nights, each scorch mark a testament to the passion poured into its soul. In that fiery demise, the guitar transcended its mortal form. It became a phoenix, its sacrifice birthing a new legend. Every crackle of the flames whispered tales of forgotten solos, every lick of heat etched memories of thunderous riffs. Even as the last embers faded, the music lingered, a smoldering ember in the hearts of those who witnessed its final song. The burning guitar stood not as a symbol of destruction, but of the transformative power of passion. It reminded us that even in the face of oblivion, the true fire of music burns on, forever etched in the tapestry of sound and memory.

T3. Make an ordered list that has capital roman numerals at the highest level and lower case roman numerals for the second level items. List three countries at the first level, and for each of those list two spoken languages in that country.

Ans. Code:

```

<!DOCTYPE html>

<html lang="en">

<head>
```

```
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Introduction</title>

<style>

html  {

margin: 0;

padding: 50px;

}

li  {

font-size: 32px;

}

.upper  {
```

```
list-style: upper-roman;  
}  
  
.lower {  
  
list-style: lower-roman;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div>  
  
<ol>  
  
<li class="upper">India
```

```
<li class="lower">Hindi</li>

<li class="lower">English</li>

</ol>

</li>

<li class="upper">Canada

<ol>

<li class="lower">English</li>

<li class="lower">French</li>

</ol>

</li>

<li class="upper">Belgium

<ol>

<li class="lower">Dutch</li>

<li class="lower">French</li>
```

```
</ol>
```

```
</li>
```

```
</ol>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Introduction</title>

<style>

html  {

margin: 0;

padding: 50px;

}

li  {

font-size: 32px;

}

.upper  {
```

```
list-style: upper-roman;  
}  
  
.lower {  
  
list-style: lower-roman;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div>  
  
<ol>  
  
<li class="upper">India
```

```
<li class="lower">Hindi</li>

<li class="lower">English</li>

</ol>

</li>

<li class="upper">Canada

<ol>

<li class="lower">English</li>

<li class="lower">French</li>

</ol>

</li>

<li class="upper">Belgium

<ol>

<li class="lower">Dutch</li>

<li class="lower">French</li>
```

```
</ol>
```

```
</li>
```

```
</ol>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Introduction</title>

<style>

html  {

margin: 0;

padding: 50px;

}

li  {

font-size: 32px;

}

.upper  {
```

```
list-style: upper-roman;  
}  
  
.lower {  
  
list-style: lower-roman;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div>  
  
<ol>  
  
<li class="upper">India
```

```
<li class="lower">Hindi</li>

<li class="lower">English</li>

</ol>

</li>

<li class="upper">Canada

<ol>

<li class="lower">English</li>

<li class="lower">French</li>

</ol>

</li>

<li class="upper">Belgium

<ol>

<li class="lower">Dutch</li>

<li class="lower">French</li>
```

```
</ol>
```

```
</li>
```

```
</ol>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Introduction</title>

<style>

html  {

margin: 0;

padding: 50px;

}

li  {

font-size: 32px;

}

.upper  {
```

```
list-style: upper-roman;  
}  
  
.lower {  
  
list-style: lower-roman;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div>  
  
<ol>  
  
<li class="upper">India
```

```
<li class="lower">Hindi</li>

<li class="lower">English</li>

</ol>

</li>

<li class="upper">Canada

<ol>

<li class="lower">English</li>

<li class="lower">French</li>

</ol>

</li>

<li class="upper">Belgium

<ol>

<li class="lower">Dutch</li>

<li class="lower">French</li>
```

```
</ol>
```

```
</li>
```

```
</ol>
```

```
</div>
```

```
</body>
```

```
</html>
```

The screenshot shows a code editor with an open file named `Lab1.html`. The code defines a list of countries with nested lists for their capitals. The right side shows the rendered output of the HTML code.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Introduction</title>
<style>
    html {
        margin: 0;
        padding: 50px;
    }
    li {
        font-size: 32px;
    }
    .upper {
        list-style: upper-roman;
    }
    .lower {
        list-style: lower-roman;
    }
</style>
</head>
<body>
<div>
<ol>
    <li class="upper">India
        <ol>
```

I. India  
i. Hindi  
ii. English  
II. Canada  
i. English  
ii. French  
III. Belgium  
i. Dutch  
ii. French

T4. Make a webpage that uses a table to create two columns. In the left column should be a bulleted list of 5 countries. In the right column should be a numbered list of capitals of those countries.

```

<table>
  <thead> <tr>
    <th>Column 1</th>
    <th>Column 2</th>
    ...
  </tr>
  </thead>
  <tbody> <tr>
    <td>Data 1</td>
    <td>Data 2</td>
    ...
  </tr>
  <tr>
    ...
  </tr>
  <tr>
    ...
  </tr>
  </tbody>
  <tfoot> </tfoot>
</table>

```

T5. Make a table that looks like this:

Country	Politicians
Turkmenistan	President Gurbanguly

	Berdimuhamedow
	Vice-President Raşit Meredow
Eritrea	President Isaias Afwerki
	Vice-President None

\*Hint, this is going to require both rowspan and colspan. Also, Do not try to do this all at once. Start with the header, then move on to the rest of the table, working in small parts.

```

<table>
  <thead>

```

```

<tr>
<th>Product</th>
<th colspan="2">Sales</th>
<th rowspan="2">Total</th>
</tr>
<tr>
<th></th>
<th>Q1</th>
<th>Q2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Widget A</td>
<td>100</td>
<td>150</td>
<td>250</td>
</tr>
<tr>
<td>Widget B</td>
<td>200</td>
<td>180</td>
<td>380</td>
</tr>
</tbody>
</table>

```

T6. Make a webpage that links to four of your favorite websites.

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Favorite websites</title>
</head>
<body>
    <H1>My favorite Websites</H1><br>
    <a href="http://rgipt.ac.in" target="_blank" rel="noopener noreferrer">RGIPT Website</a><br>
    <a href="https://leetcode.com" target="_blank" rel="noopener noreferrer">Leetcode</a><br>
    <a href="https://www.zomato.com" target="_blank" rel="noopener noreferrer">Zomato</a><br>
    <a href="https://twitter.com" target="_blank" rel="noopener noreferrer">Twitter</a><br>
</body>
</html>

```

# My favorite Websites

[RGIPT Website](#)

[Leetcode](#)

[Zomato](#)

[Twitter](#)

T7. Make a webpage with a link at the bottom that when clicked will jump you all the way to the top of the page.

```
<!DOCTYPE html>
<html lang="en">

    <head>
        <meta charset="UTF-8">
        <meta name = "viewport" content="width = device-width , initial-scale = 1.0">
        <title><h2><strong>Hi There</strong></h2></title>
        <!-- This is a Comment-->
        <ul style="list-style: none ; display: flex; gap: 15px">
            <li>Home</a></li>
            <li>About</li>
            <li>Service</li>
            <li>Contact</li>
        </ul>
        <p><strong id = "Here">This is the webpage</strong><br>
        <br>

        <p><a href = "#Here">This is Internal reference</a></p>
    </html>
```

Home About Service Contact

**This is the webpage**

[This is Internal reference](#)

---

T8. Make a webpage with a link at the top of it that when clicked will jump all the way to the bottom of the page. At the bottom of the page there should be a link to jump back to the top of the page.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Jumping Page</title>
<style>
    /* Style for the link container at the top */
    #top-link-container {
        text-align: center;
        padding: 20px;
        background-color: #f0f0f0;
    }

    /* Style for the link container at the bottom */
    #bottom-link-container {
        text-align: center;
        padding: 20px;
        background-color: #f0f0f0;
    }

    /* Style for the anchor links */
    a {
        text-decoration: none;
        color: #0066cc;
        font-weight: bold;
    }
</style>
</head>
<body>

    <!-- Top Link to Jump to the Bottom -->
    <div id="top-link-container">
        <a href="#bottom">Jump to Bottom</a>
    </div>

    <!-- Content of the Page -->
    <div>
        <h1>Page Content</h1>
        <!-- Your page content goes here -->

        <!-- Placeholder for a long page content to demonstrate scrolling -->
    </div>

```

```

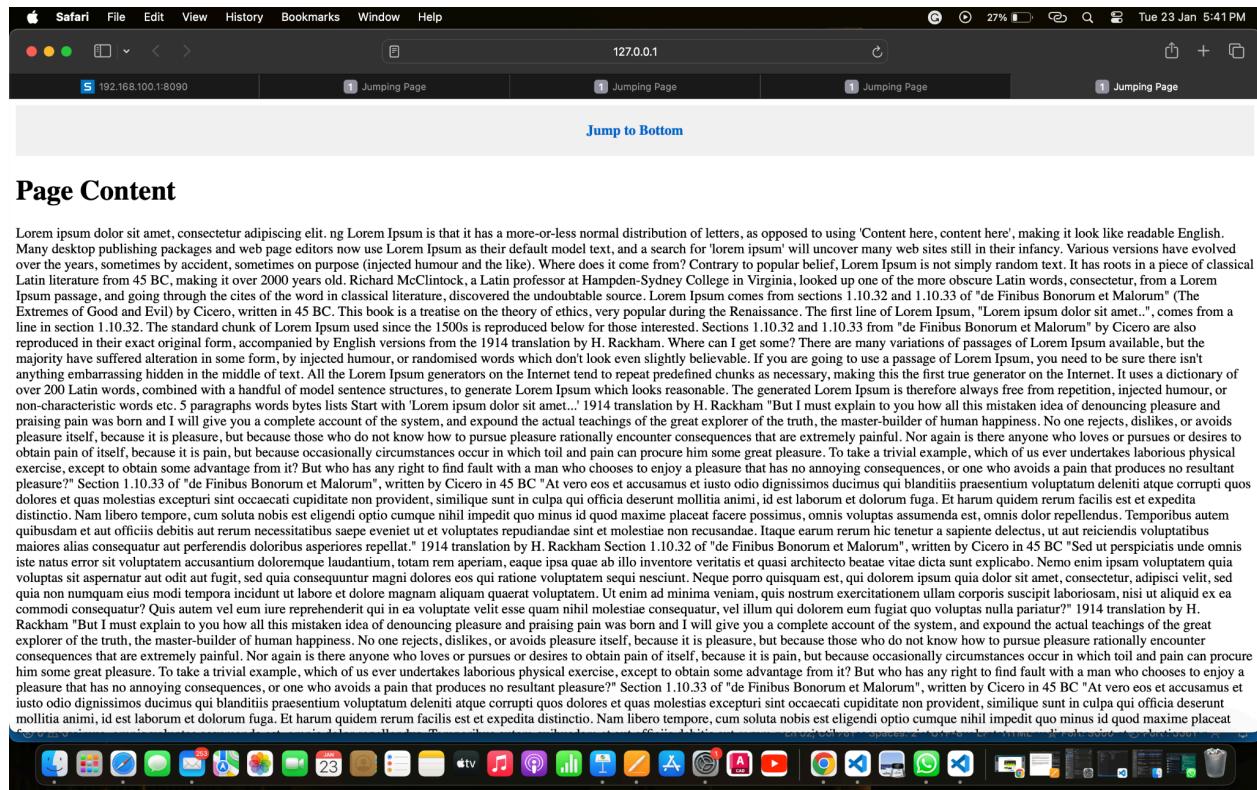
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. ...</p>
</div>

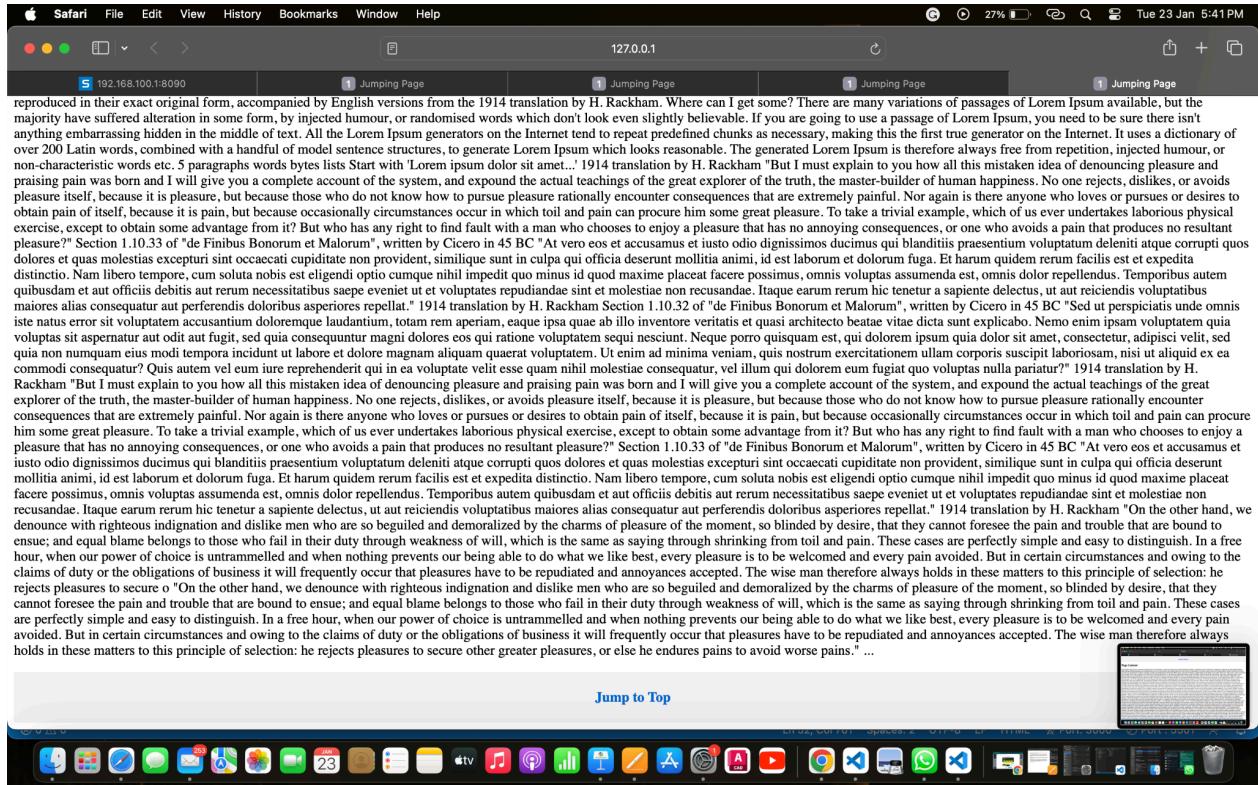
<!-- Bottom Link to Jump Back to the Top -->
<div id="bottom-link-container">
    <a href="#top">Jump to Top</a>
</div>

<!-- Anchor points for the links -->
<a id="top"></a>
<a id="bottom"></a>

</body>
</html>

```





T9. Make a webpage with an image that has a border of size 2, a width of 200, and a height of 200.

Ans. Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Image with Border</title>
```

```
<style>
/* Style for the image border */
img {
border: 2px solid black; /* Border size and color */
width: 200px; /* Width of the image */
height: 200px; /* Height of the image */
}
</style>
</head>
<body>
<h1>Image with Border</h1>

</body>
</html>
```

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the content of `Lab1.html`. The browser window shows a title "Image with Border" and an image of a guitar on fire.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, ini
6     <title>Image with Border</title>
7     <style>
8         /* Style for the image border */
9         img {
10             border: 2px solid black; /* Border size and color */
11             width: 200px; /* Width of the image */
12             height: 200px; /* Height of the image */
13         }
14     </style>
15 </head>
16 <body>
17     <h1>Image with Border</h1>
18     
19 </body>
20 </html>
21
22
```

T10. Make a webpage with five different images. Skip two lines between each image (Use `<br>` tag). Each image should have a caption.

```
!DOCTYPE html>
html lang="en">
head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Image with Border</title>
<style>
    img {
        border: 2px solid #333; /* Border size and color */
        width: 800px;
        height: 400px;
    }
</style>
/>head>
body>

<h1>Image with Border</h1>

<p>This is my desktop</p>
<br><br>

</body>
```

## Image with Border



This is my desktop



This is my desktop



This is my desktop



This is my desktop



This is my desktop

T11. Make a webpage with an image that when clicked will link to a search engine of your choice.

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Search Engine Link</title>
7  </head>
8  <body>
9      <h1>Click the Image to Search</h1>
10     <a href="https://www.google.com" target="_blank">
11         This Will Lead to google</a>
12     </body>
13     </html>
14
```

# **Click the Link to Search**

[This Will Lead to google](#)