

A  
Term-Work  
On  
**Web Development Lab (PCS-693)**

Submitted in partial fulfilment of the requirement for the VI semester

**B.Tech**

By  
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**2060008**

...  
**Faculty-in-Charge**  
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
**GRAPHIC ERA HILL UNIVERSITY, BHIMTAL CAMPUS**  
**2022-23**

## **STUDENT'S DECLARATION**

I, ....., hereby declare the work, which is being presented in the term-work, entitled “Web Development lab “ in partial fulfilment of the requirement for the award of the degree **B,Tech** in the session **2022-2023**, is an authentic record of my own work carried out under the supervision of Mrs. Senam Pandey.

The matter embodied in this term-work has not been submitted by me for the award of any other degree.

Date: .....

.....

(Full signature of student)



## **CERTIFICATE**

The term-work entitled “.....” being submitted by.....  
S/o.....enrollment no.....Roll no.....to Graphic Era Hill University  
Bhimtal Campus for the award of bonafide work carried out by his/ her. He/She has  
worked under my guidance and supervision and fulfilled the requirement for the  
submission of report.

(.....)

Faculty-in-Charge

(.....)

(HOD, CSE Dept.)



## Unit-1

### 1. Write HTML code to print table output.

```
<html>
<head>
  <meta charset="utf-8">
  <title>TimeTable</title>
  <!-- <meta name="description" content="">
</head>
<body bgcolor="yellow">
  <h1 align="center"><font color="green">TIME TABLE</font></h1>
  <table border="3px solid black" align="center">
    <tr>
      <th>Time/Days</th>
      <th>9:00-9:55</th>
      <th>9:55-10:50</th>
      <th>10:50-11:10</th>
      <th>11:10-12:00</th>
      <th>12:00-1:00</th>
      <th>1:00-1:50</th>
      <th>1:50-2:55</th>
      <th>2:55-3:50</th>
      <th>3:50-4:30</th>
    </tr>
    <tr>
      <td align="center">MONDAY</td>
      <td align="center">1</td>
      <td align="center"><font color="blue">2</font>
      <td rowspan="5" align="center">
        <font color="blue"><h3>B<br>R<br>E<br>A<br>K</h3>
      </td>
      <td align="center"><font color="red">4</font>
      <td align="center"><font color="red">5</font>
      <td rowspan="5" align="center">
        <h3>L<br>U<br>N<br>C<br>H</h3>
      </td>
      <td align="center"><font color="brown">6</font>
      <td align="center"><font color="light brown">7</font>
      <td align="center">counselling class</td>
    </tr>
    <tr>
      <td align="center">TUESDAY</td>
      <td align="center"><font color="blue">1</font>
      <td align="center"><font color="red">2</font>
      <td align="center"><font color="blue">3</font>
      <td align="center">---</td>
      <td align="center"><font color="golden">4</font>
      <td align="center"><font color="brown">5</font>
      <td align="center">library</td>
    </tr>
    <tr>
      <td align="center">WEDNESDAY</td>
      <td align="center"><font color="blue">1</font>
```

```

<td align="center"><font color="golden">2</td>
<td align="center"><font color="brown">3</td>
<td align="center">---</td>
<td colspan="3" align="center"><font color="green">lab</td>
</tr>
<tr>
<td align="center">THURSDAY</td>
<td align="center">1</td>
<td align="center"><font color="brown">2</td>
<td align="center"><font color="golden">3</td>
<td align="center">---</td>
<td align="center"><font color="blue">4</td>
<td align="center"><font color="red">5</td>
<td align="center">library</td>
</tr>
<tr>
<td align="center">FRIDAY</td>
<td align="center"><font color="golden">1</td>
<td align="center"><font color="brown">2</td>
<td align="center"><font color="blue">3</td>
<td align="center">---</td>
<td align="center"><font color="pink">4</td>
<td align="center"><font color="brown">5</td>
<td align="center">library</td>
</tr>
</table>

<script src="" async defer></script>
</body>
</html>

```

### Output:

h/WebDev/unit\_1/prac\_1\_table.html

edX | Free Online C... The Complete Pyth... Learn Python, Data... Anaconda | Get Star... Amazon.in: Buy CR... Ar

TIME TABLE									
Time/Days	9:00-9:55	9:55-10:50	10:50-11:10	11:10-12:00	12:00-1:00	1:00-1:50	1:50-2:55	2:55-3:50	3:50-4:30
MONDAY	1	2	B R E A K	4	5	L U N C H	6	7	counselling class
TUESDAY	1	2		3	---		4	5	library
WEDNESDAY	1	2		3	---		lab		
THURSDAY	1	2		3	---		4	5	library
FRIDAY	1	2		3	---		4	5	library

## 2. Write HTML code to print table output.

```
<html>
<head>
  <meta charset="utf-8">
</head>
<body>
  <h1 align="center">List of Course-wise Subjects</h1>
  <br>
  <table border="3px solid black" align="center">
    <tr>
      <th rowspan="2">Sr.<br>No.</th>
      <th rowspan="2">Course</th>
      <th rowspan="2">Subject</th>
      <th colspan="2">Marks</th>
      <th colspan="2">Category</th>
      <th rowspan="2">Practical/<br>Theory</th>
    </tr>
    <tr>
      <td><b>Internal</b></td>
      <td><b>External</b></td>
      <td><b>Internal</b></td>
      <td><b>External</b></td>
    </tr>
    <tr>
      <td rowspan="4">1</td>
      <td rowspan="4">MBA</td>
      <td>Management Technology</td>
      <td>30</td>
      <td>70</td>
      <td>-</td>
      <td>&#x2714</td>
      <td>Theory</td>
    </tr>
    <tr>
      <td>Information Technology</td>
      <td>30</td>
      <td>70</td>
      <td>-</td>
      <td>&#x2714</td>
      <td>T and P</td>
    </tr>
    <tr>
      <td>Basics of Marketing</td>
      <td>30</td>
      <td>70</td>
      <td>-</td>
      <td>&#x2714</td>
      <td>Theory</td>
    </tr>
    <tr>
      <td>E-Commerce</td>
      <td>50</td>
      <td>-</td>
      <td></td>
    </tr>
```



&#x2714	
-	
Theory	

	2
	MCM
	Visual Basics
30	
70	
-	
&#x2714	
T and P	

	Internet Technology
30	
70	
-	
&#x2714	
T and P	

	Network Technology
30	
70	
-	
&#x2714	
Theory	

	VB.Net
30	
70	
-	
&#x2714	
T and P	

	Linux
30	
70	
-	
&#x2714	
T and P	





	ISA
50	
-	
&#x2714	
-	
Theory	

--	--

</body>  
</html>

**Output:**

bDev/unit\_1/prac\_2\_table.html

edX | Free Online C...  The Complete Pyth...  Learn Python, Data...  Anaconda | Get Star...  Amazon.in: Buy CR...

## List of Course-wise Subjects

Sr. No.	Course	Subject	Marks		Category		Practical/ Theory
			Internal	External	Internal	External	
1	MBA	Management Technology	30	70	-	✓	Theory
		Information Technology	30	70	-	✓	T and P
		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
2	MCM	Visual Basics	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
		Network Technology	30	70	-	✓	Theory
		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P
		ISA	50	-	✓	-	Theory





### 3. Using table related tags align the images with hyperlinks.

```
<html lang="en">
<head>
  <title>Image hyperlink</title>
</head>
<body>
  <center>
    <h1>Table With Mobile Connections</h1>
    <table border="1px solid black">
      <tr>
        <td><a href="https://www.myvi.in/"></a></td>
        <td><a href="https://www.jio.com/"></a></td>
        <td><a href="https://telecom.economictimes.indiatimes.com/"></a></td>
        <td><a href="https://www.airtel.in/"></a></td>
      </tr>
      <tr>
        <td><a href="https://www.docomo.ne.jp/"></a></td>
        <td colspan="2" align="center"><font size="6">Table With Images</font></td>
        <td><a href="https://www.samsung.com/in/"></a></td>
      </tr>
      <tr>
        <td><a href="https://www.youtube.com/"></a></td>
        <td><a href="https://mtcbus.tn.gov.in/"></a></td>
        <td><a href="https://hutch.lk/"></a></td>
        <td><a href="https://www.docomo.ne.jp/"></a></td>
      </tr>
    </table>
  </center>
</body>
</html>
```

#### Output:



Table With Mobile Connections

			
	Table With Images		
			

#### 4. Create a web page having frames as follows:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Example iFrame with HTML Page</title>
  </head>
  <body>
    <iframe src="heading.html" width="100%" height="90px"></iframe>
    <iframe src="list.html" width="30%" height="270px"></iframe>
    <iframe src="" width="69%" height="270px" name="Display"></iframe>
    <iframe src="contact.html" width="100%" height="70px"></iframe>
  </body>
</html>
```

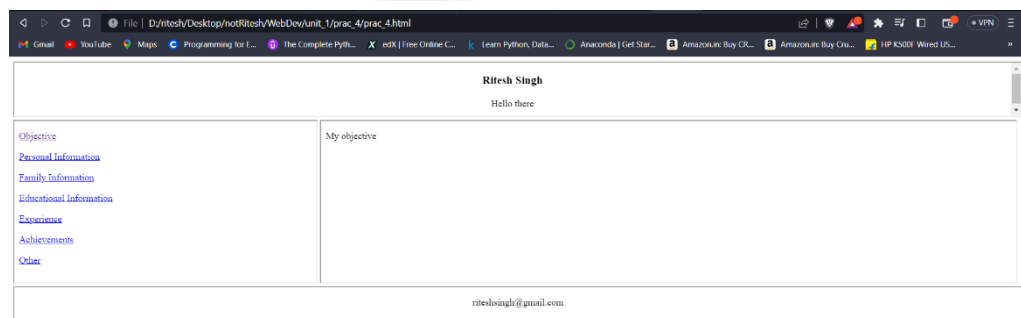
##### heading.html:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Heading</title>
  </head>
  <body>
    <h3 align="center">Ritesh Singh</h3>
    <p align="center">Hello there</p>
  </body>
</html>
```

##### list.html:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Heading</title>
  </head>
  <body>
    <p><a href="objective_info.html" target="Display"><u>Objective</u></a></p>
    <p><a href="personal_info.html" target="Display"><u>Personal Information</u></a></p>
    <p><a href="family_info.html" target="Display"><u>Family Information</u></a></p>
    <p><a href="educational_info.html" target="Display"><u>Educational
Information</u></a></p>
    <p><a href="experience_info.html" target="Display"><u>Experience</u></a></p>
    <p><a href="achievement_info.html" target="Display"><u>Achievements</u></a></p>
    <p><a href="other.html" target="Display"><u>Other</u></a></p>
  </body>
</html>
```

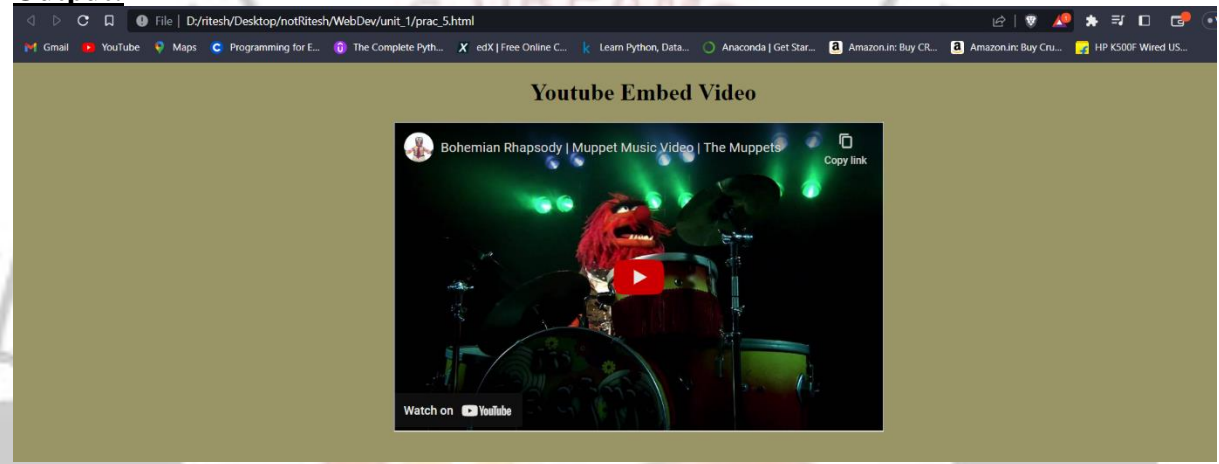
#### Output:



## 5. Create a program to run youtube video in a web page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Answer 5</title>
</head>
<body style="background-color: #999566;">
  <h1 style="text-align: center;">Youtube Embed Video</h1>
  <iframe width="660" height="415" src="https://www.youtube.com/embed/tgbNymZ7vqY"
style="margin-left: 30%;"></iframe>
</body>
</html>
```

### Output:



**6. Create a web page of customer profile for data entry of customer's in a Hotel, The profile should include Name, Address, Age, gender, Room Type (A/C, Non-A/C or Deluxe), Type of payment (Cash, Credit/Debit Card or Coupons).**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Answer 6</title>
</head>
<body>
  <form action="#" style="width: 30%; margin: auto; background-color: #d9d2d2; padding: 10px 0px 40px 50px;">
    <h1 style="font-size: 43px;">Customer Data Info</h1>
    <div>
      <label for="Name">Name:</label><br>
      <input type="text" name="Name" placeholder="Enter Customer Name"
style="width:80%; height:30px; margin-bottom: 20px;">
    </div>
    <div>
      <label for="Address">Address:</label><br>
      <textarea name="Address" cols="30" rows="10" placeholder="Enter permanant address"
style="width:80%; height:100px; margin-bottom: 20px" ></textarea>
    </div>
    <div>
      <label for="Age">Age:</label><br>
      <input type="number" name="Age" style="width:80%; height:30px; margin-bottom:
20px">
    </div>
    <div>
      <label for="Gender" style="margin-right: 10px;">Gender:</label>
      Male <input type="radio" name="Gender" value="Male" style="margin: 15px;">
      Female <input type="radio" name="Gender" value="Female" style="margin: 15px;">
      Other <input type="radio" name="Gender" value="Other" style="margin: 15px;">
    </div>
    <div>
      <label for="Room" style="margin-right: 10px;">Room Type:</label>
      A/C<input type="radio" name="Room" value="A/C" style="margin: 15px;">
      Non-A/C<input type="radio" name="Room" value="Non-A/C" style="margin: 15px;">
      Deluxe<input type="radio" name="Room" value="Deluxe" style="margin: 15px;">
    </div>
    <div>
      <label for="Payment" >Payment Type: </label> <br>
      <select name="Payment" style="width:80%; height:30px;">
        <option value="Cash">Cash</option>
        <option value="Credit/Debit Card">Credit/Debit Card</option>
        <option value="Coupons">Coupons</option>
      </select>
    </div>
    <div>
      <button style="margin: 10px 150px;">Submit</button>
    </div>
  </form>
</body>
</html>
```

## Output:

D:/ritesh/Desktop/notRitesh/WebDev/unit\_1/prac\_6.html

Programming for E... The Complete Pyth... edX | Free Online C... Learn Python, Data... Anaconda | Get Star... Amazon.in: Buy CR... Amazon.in: Buy Cru... HP K500F

### Customer Data Info

Name:

Address:

Age:

Gender: Male ☐ Female ☐ Other ☐

Room Type: A/C ☐ Non-A/C ☐ Deluxe ☐

Payment Type:



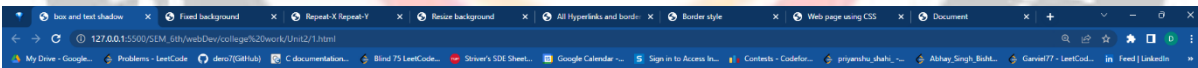


## Unit-2

### 1. Create Box Shadow and text Shadow using CSS3.

```
<html lang="en">
<head>
  <style>
    .txt{
      box-shadow: -2px 2px 14px 15px rgb(61, 58, 58);
      color: red;
      text-shadow: -2px 1px 1px;
      font-size: 30px;
    }
  </style>
  <title>box and text shadow</title>
</head>
<body>
  <div>
    <p class="txt">Lorem ipsum, dolor sit amet consectetur adipisicing elit.
    Voluptatem similique, eaque amet praesentium odit omnis suscipit optio hic Lorem ipsum
    dolor sit amet consectetur adipisicing elit. Architecto culpa mollitia deleniti rerum
    delectus dignissimos illum voluptas exercitationem, sint, itaque pariatur blanditiis
    consectetur. Dolor corrupti repellat reprehenderit voluptates delectus omnis quia
    doloribus unde id in architecto sunt</p>
  </div>
</body>
</html>
```

#### Output:



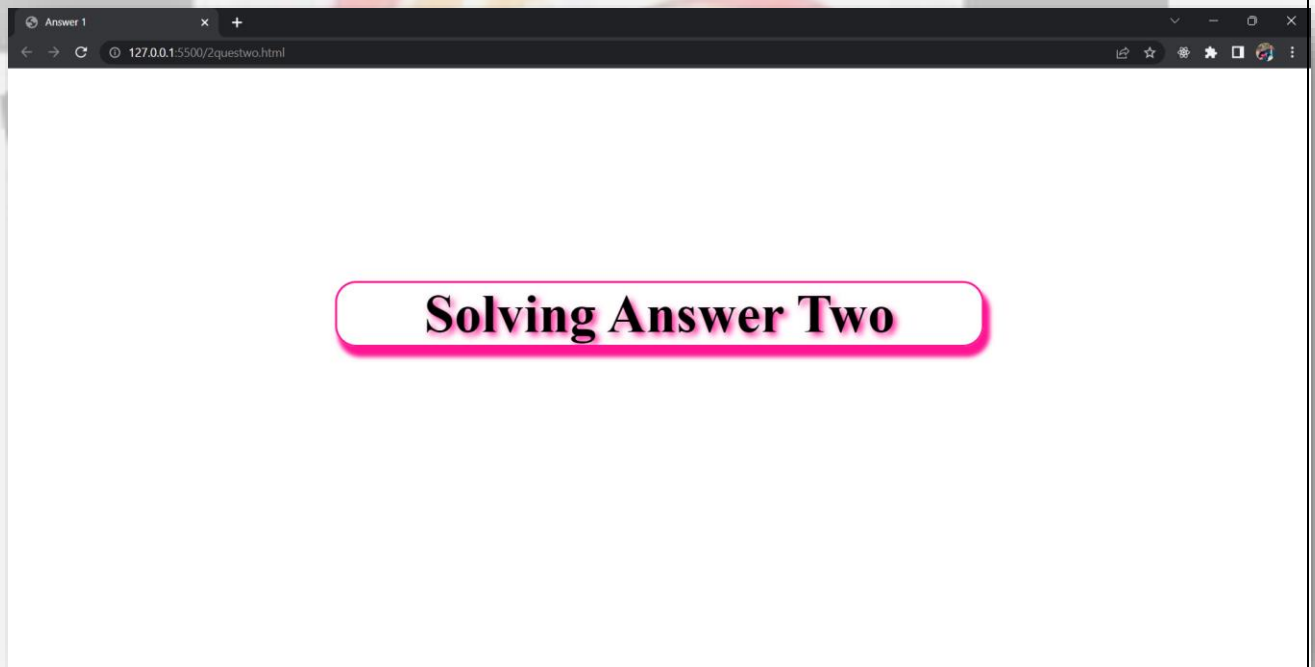
Lorem ipsum, dolor sit amet consectetur adipisicing elit. Voluptatem similique, eaque amet praesentium odit omnis suscipit optio hic Lorem ipsum dolor sit amet consectetur adipisicing elit. Architecto culpa mollitia deleniti rerum delectus dignissimos illum voluptas exercitationem, sint, itaque pariatur blanditiis consectetur. Dolor corrupti repellat reprehenderit voluptates delectus omnis quia doloribus unde id in architecto sunt, numquam corporis reiciendis suscipit nemo iste, repellendus inventore laudantium hic aliquam perspiciatis. Sint architecto doloremque facere, perspiciatis non consectetur. Repellat dolore, neque nesciunt itaque eveniet nisi maiores sequi quisquam reprehenderit tempora, rem debitis molestiae quod et asperiores nostrum voluptate ad similique dicta sapiente voluptatum voluptas, fugit accusantium maxime. Pariatur, consequatur, exercitationem quos non facere unde quas cumque sit, dignissimos ipsam cupiditate provident id!



## 2. Create Rounded Corners using css3.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Answer 1</title>
  <style>
    h1{
      border: 3px solid #FF1493;
      border-radius: 25px;
      text-align: center;
      font-size: 4em;
      text-shadow: 4px 4px 8px #FF1493;
      box-shadow: 5px 10px 5px 2px #FF1493;
      width: 50%;
      margin: 250px auto;
    }
  </style>
</head>
<body>
  <h1>Solving Answer Two</h1>
</body>
</html>
```

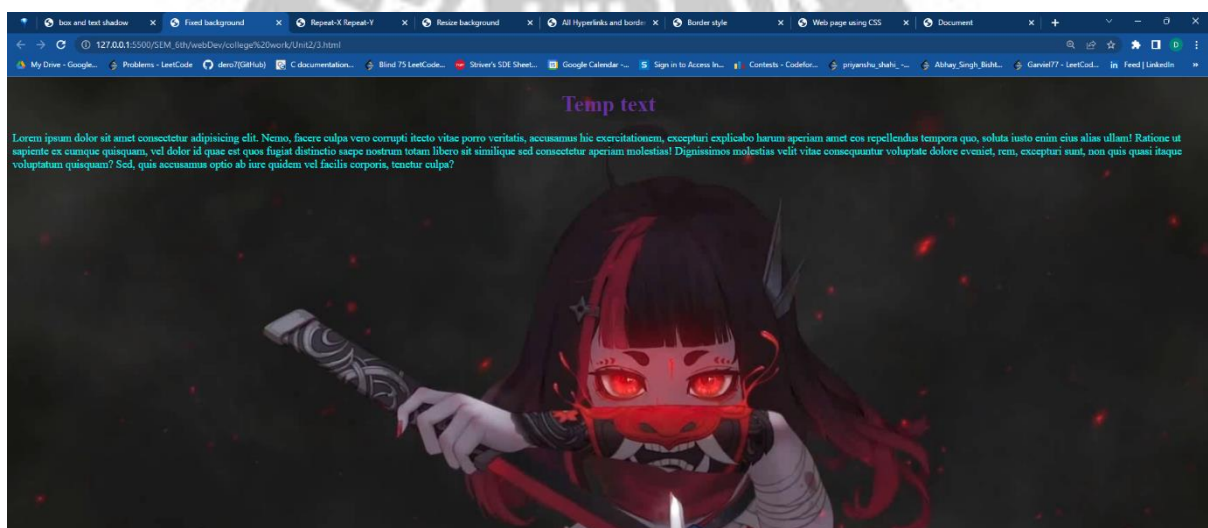
**Output:-**



### 3. Create a web page to show fixed background image (this image will not scroll with the rest of the page).

```
<html lang="en">
<head>
  <style>
    body{
      background-image: url("a.png");
      background-repeat: no-repeat;
      background-attachment: fixed;
    }
    .txt{
      color: aqua;
    }
    .head{
      color: rebeccapurple;
    }
  </style>
  <title>Fixed background</title>
</head>
<body>
  <center>
    <h1 class="head">Temp text</h1>
  </center>
  <div>
    <p class="txt">Lorem ipsum dolor sit amet consectetur adipisicing elit. Nemo,
    facere culpa vero corrupti itecto vitae porro veritatis, accusamus hic exercitationem,
    excepturi explicabo harum aperiam amet eos repellendus tempora quo, soluta iusto enim
    eius alias ullam! Ratione ut sapiente ex cumque quisquam, vel dolor id quae est quos
    fugiat distinctio saepe nostrum totam libero sit similique sed consectetur aperiam
    molestias! Dignissimos molestias velit vitae consequuntur voluptate dolore eveniet, rem,
    excepturi sunt, non quis quasi itaque voluptatum quisquam? Sed, quis accusamus optio ab
    iure quidem vel facilis corporis, tenetur culpa?</p>
  </div>
</body>
</html>
```

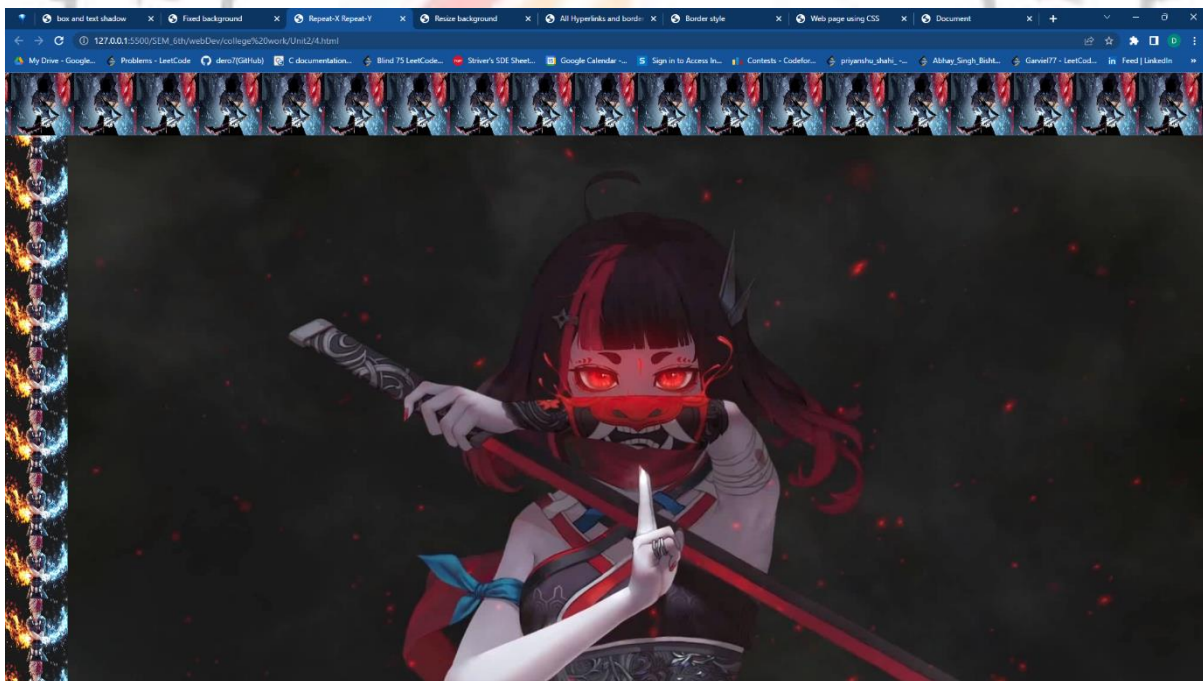
#### Output:



**4. Create a web page to position a background image and repeat the image horizontally or vertically.**

```
<html>
<head>
  <style>
    body{
      background-image: url("b.jpg"),url("c.jpg"),url("a.png");
      background-repeat: repeat-x,repeat-y,no-repeat;
      background-position: top,left,bottom right;
      background-size: 100px 100px,100px 100px,1820px 880px;
    }
  </style>
  <title>Repeat-X Repeat-Y</title>
</head>
<body>
  </body>
</html>
```

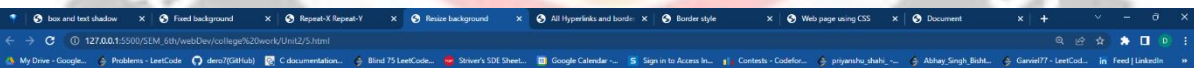
**Output:**



## 5. Create a web page to resize the background of web page.

```
<html lang="en">
<head>
  <style>
    .box{
      background-image: url(a.png);
      background-size:cover;
    }
  </style>
  <title>Resize background</title>
</head>
<body>
  <div class="box">
    <p>
      Lorem ipsum dolor, sit amet consectetur adipisicing elit. Fugit sed quas asperiores
      nesciunt eveniet beatae explicabo assumenda, nostrum, reiciendis repellendus modi
      blanditiis laboriosam a doloremque dignissimos provident. Iusto,facilis id iste modi,
      maxime voluptatibus alias suscipit adipisci? Error minus atque et! Iste eos, odit a harum
      ex explicabo poris accusantium id earum molestias harum optio, quas ex atque quasi
      quisquam? Dolorum ut laborum odio accusantium tempora perspiciatis velit iure,
      reiciendis exercitationem magnam obcaecati vel.
    </p>
  </div>
</body>
</html>
```

### Output:



Lorem ipsum dolor, sit amet consectetur adipisicing elit. Fugit sed quas asperiores nesciunt eveniet beatae explicabo assumenda, nostrum, reiciendis repellendus modi blanditiis laboriosam a doloremque dignissimos provident. Iusto, omnis dolorum. Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab, quia! Dolorum consequuntur iure sapiente, modi magni corrupti ducimus minus saepe ratione pariatur officiis fugiat quisquam repellat totam eos vitae! Voluptas repellendus obcaecati totam laborum facilis id iste modi, maxime voluptatibus alias suscipit adipisci? Error minus atque et! Iste eos, odit a harum ex explicabo reiciendis praesentium corporis soluta rerum deleniti sed quidem totam unde autem neque omnis impedit? Eligendi deleniti est, dolorem nobis quas atque, suscipit similique ratione alias fugiat debitis corporis adipisci voluptas laboriosam laborum aspernatur! Repudiandae, voluptatum vitae. Labore maiores sunt, non est debitis unde ipsum voluptatibus molestias, cupiditate fugiat ipsa eveniet ex quas dignissimos doloremque nemo vitae tempore accusamus. Beatae soluta commodi veniam quos nemo quas, praesentium perferendis, quae eaque ipsum excepturi fugit architecto repellendus, tempora officia quo dolorum minus quibusdam totam! Animi, tempora assumenda quas inventore temporibus atque nulla blanditiis commodi. Voluptates recusandae non laudantium veritatis, aperiam earum totam quisquam quia nemo ut tempora id rem nihil tempore a in necessitatibus dicta fugiat accusantium voluptatibus repudiandae! Perspiciatis magnam facilis ipsum fugiat voluptatibus iusto qui doloremque porro quibusdam ipsa numquam sunt expedita ab debitis eligendi suscipit reiciendis libero, eaque doloribus laborum quae nesciunt corrupti deleniti? Culpa ducimus impedit unde dolore ut, quae et dolor doloribus quasi doloremque nulla ea modi, vel perferendis asperiores numquam ipsum voluptatibus eveniet quod velit provident maiores rem molestias. Ipsam deserunt eius perferendis explicabo, nihil vitae facere delectus expedita hic. Veritatis atque iusto debitis suscipit ducimus quam nobis quis nulla iure quidem aspernatur fuga nam natus illo quod asperiores nisi modi illum dolor, beatae sed? Molestiae explicabo ducimus animi consequatur excepturi, veritatis blanditiis, ut accusamus a officia corporis accusantium id earum molestias harum optio, quas ex atque quasi quisquam? Dolorum ut laborum odio accusantium tempora perspiciatis velit iure, reiciendis exercitationem magnam obcaecati vel.



6. Create a web page to show all hyperlinks with following specification:

**Default color is pink.**

**Active color is blue.**

**Visited color is Green.**

**Hyperlink should be without underline.**

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

```
<head>
```

```
<style>
```

```
  a:link {
```

```
    color: pink;
```

```
    text-decoration: none;
```

```
  }
```

```
  a:visited {
```

```
    color: green;
```

```
    text-decoration: none;
```

```
  }
```

```
  a:hover {
```

```
    color: red;
```

```
    text-decoration: underline;
```

```
  }
```

```
  a:active {
```

```
    color: blue;
```

```
    text-decoration: underline;
```

```
  }
```

```
</style>
```

```
<title>All Hyperlinks and border image</title>
```

```
</head>
```

```
<body>
```

```
  <div>
```

```
    <p>This is <a style="text-decoration: none" href="https://www.google.com/"> this and that</a> is also this.</p>
```

```
  </div>
```

```
</body>
```

```
</html>
```

**Output:**

## Hyperlinks

This is [this and that](https://www.google.com/) is also this.

### 7. Design a web page to show border image.

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

    .border{
      border: 10px solid transparent;
      padding: 15px;
      border-image: url(border.jpg) 50 round;
    }
  </style>
</head>
<title>Answer 7</title>
</head>
<body>

  <div ><p class="border">
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Aliquam ex reiciendis
    veniam facilis sequi! Temporibus placeat obcaecati labore nesciunt! Repellat consectetur
    repudiandae ab perferendis animi commodi magni natus pariatur! Nemo. </p>
  </div>
</body>
</html>
```

#### **Output:**

### Border image

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Aliquam ex reiciendis veniam facilis sequi! Temporibus placeat obcaecati labore nesciunt! Repellat consectetur repudiandae ab perferendis animi commodi magni natus pariatur! Nemo.

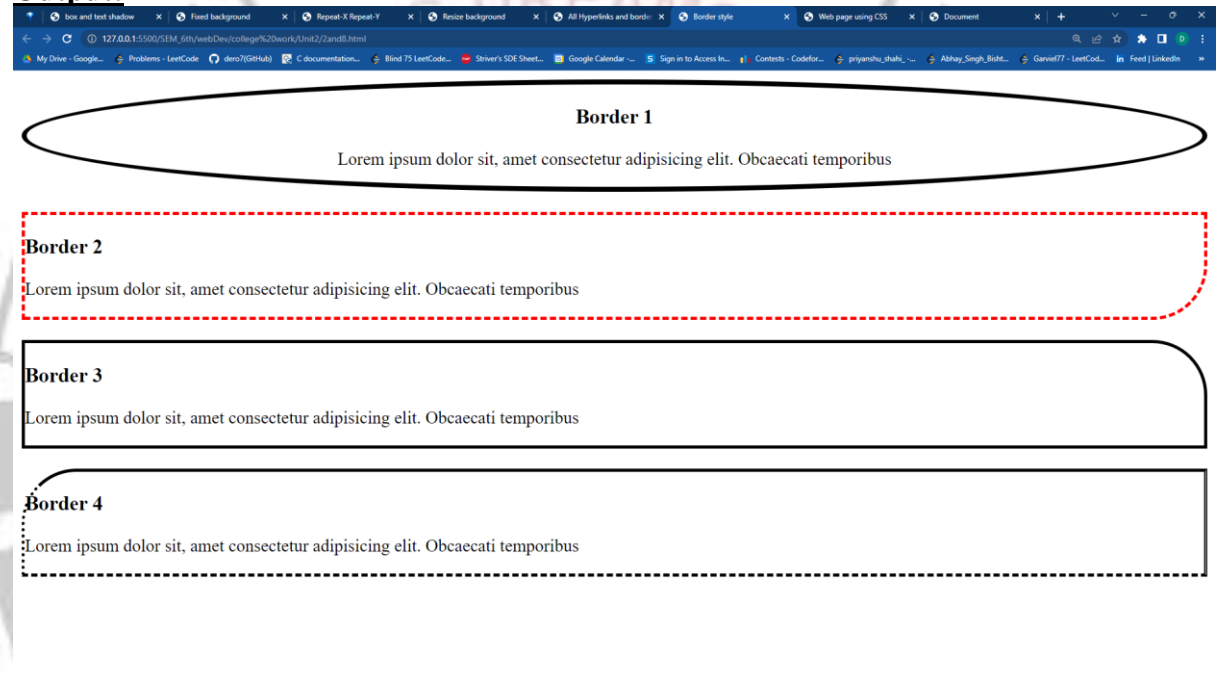


## 8. Design a web page to show different border style: Snapshot.

```
<html lang="en">
<head>
  <style>
    .a{
      border: 5px solid black;
      border-radius: 50%;
    }
    .b{
      border: 3px dashed red;
      border-end-end-radius: 50px;
    }
    .c{
      border: 3px solid black;
      border-start-end-radius: 50px;
    }
    .d{
      border: 3px solid black;
      border-radius: 50px 0px 0px 0px;
      border-left: 3px dotted;
      border-bottom: 3px dashed;
      border-right: 3px double;
    }
  </style>
  <title>Border style</title>
</head>
<body>
  <div class="a">
    <center>
      <h3>Border 1</h3>
      <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Obcaecati
temporibus </p>
    </center>
  </div>
  <br>
  <div class="b">
    <h3>Border 2</h3>
    <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Obcaecati
temporibus </p>
  </div>
  <br>
  <div class="c">
    <h3>Border 3</h3>
```

```
<p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Obcaecati
temporibus </p>
</div>
<br>
<div class="d">
  <h3>Border 4</h3>
  <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Obcaecati
temporibus </p>
</div>
</body>
</html>
```

### Output:



**9. Design a web page using CSS which includes the following:**

- Use different font styles
- Set background image for both the page and single elements on page.
- Control the repetition of image with background-repeat property
- Add customized cursors for links.
- Work with layers.

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

```
<head>
```

```
<style>
```

```
body{
```

```
background-image: url("a.png");
```

```
background-size: cover;
```

```
background-repeat: no-repeat;
```

```
}
```

```
.aa{
```

```
background-image: url("c.jpg");
```

```
background-size: cover;
```

```
background-repeat: no-repeat;
```

```
font-style: oblique;
```

```
color: violet;
```

```
}
```

```
a{
```

```
color: yellow;
```

```
cursor: -webkit-grab; cursor: grab;
```

```
}
```

```
.ab{
```

```
font-size: 30px;
```

```
}
```

```
.ba{
```

```
color: yellow;
```

```
font-size: 50px;
```

```
position: relative;
```

```
z-index: 1;
```

```
top: 60px;
```

```
}
```

```
.bb{
```

```
color: aqua;
```

```
font-size: 70px;
```

```
position: relative;
```

```
z-index: 2;
```

```
}
```

```
.ca{
```

```
color: yellow;
```

```
font-size: 50px;
```

```
position: relative;
```

```
z-index: 2;
```

```
top: 60px;
```

```
}
```

```
.cb{
```

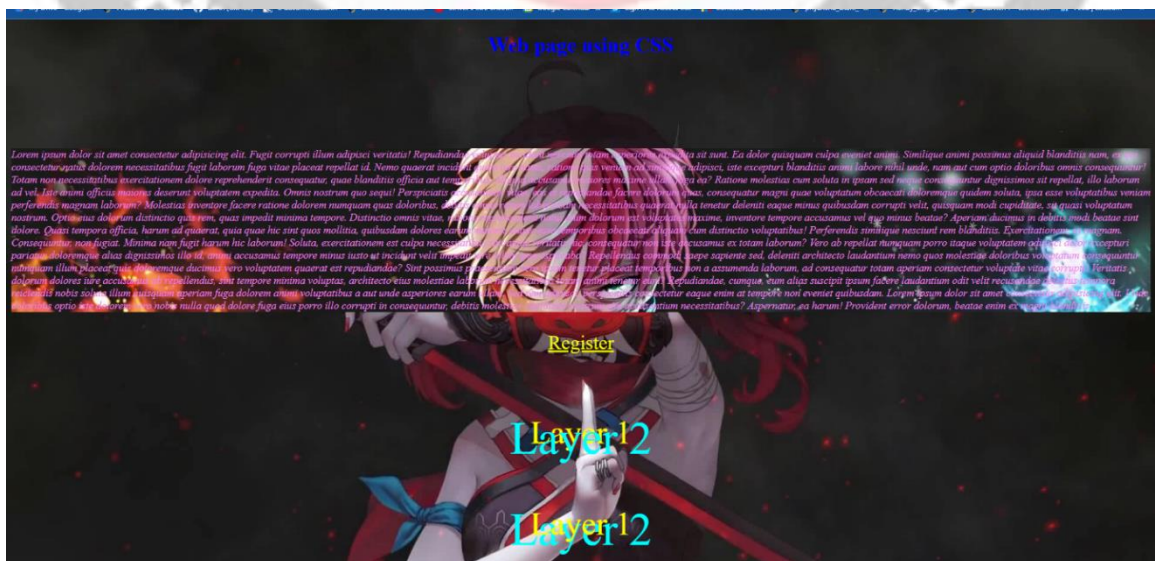
```
color: aqua;
```

```

font-size: 70px;
position: relative;
z-index: 1;
}
</style>
<title>Web page using CSS</title>
</head>
<body>
  <div>
    <center>
      <h1 style="color:blue">Web page using CSS</h1>
    </center>
  </div>
  <div class="a">
    <div>
      <p class="aa"> Lorem ipsum dolor sit amet consectetur adipisicing
elit. Unde doloribus optio iste dolorem vero nobis nulla quod dolore fuga eius porro
illo corrupti in consequuntur, debitis molestiae cupiditate nostrum sint accusantium
necessitatibus? Aspernatur, ea harum! Provident error dolorum, beatae enim ex magni
blanditiis </p>
<center><p class="ab"> <a href="https://www.google.com">Register</a>
</p></center>
    </div>
    <div class="b">
      <center> <div class="ba">Layer 1</div>
      <div class="bb">Layer 2</div>
    </center>
    </div>
    <div class="c">
      <center> <div class="ca">Layer 1</div>
      <div class="cb">Layer 2</div>
    </center>
  </div>
</div>
</body>
</html>

```

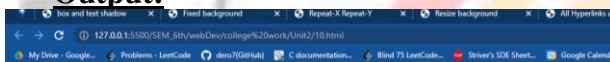
### Output:



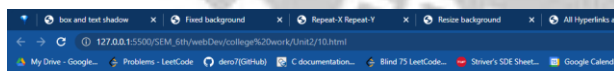
**10. Create a web page to show transition effect in such a way so that elements gradually change from one style to another style.**

```
<html lang="en">
<head>
  <style>
    .a{
      width: 100px;
      height: 100px;
      background: aqua;
      transition: width 2s,height 2s;
    }
    .a:hover{
      width: 300px;
      height: 300px;
    }
  </style>
  <title>Document</title>
</head>
<body>
  <h1>Move cursor to this to see transition</h1>
  <div class="a"></div>
</body>
</html>
```

**Output:**



**Move cursor to this to see transition**



**Move cursor to this to see transition**

