

OSTL

Week6

Udeet Mittal

CSE C3

Roll Number 64

Filename: index.html

```
<!DOCTYPE html>
```

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

```
<head>
```

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

```
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

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

```
    <title>
```

```
        My Webpage
```

```
    </title>
```

```
    <link rel="stylesheet" href="styles.css">
```

```
    <style>
```

```
        h3,h4{
```

```
            color:brown;
```

```
        }
```

```
    </style>
```

```
</head>
```

```
<body>
```

```
    <h1 id="abc">H1 heading</h1>
```

```
    <h2>H2 heading</h2>
```

<h3>H3 heading</h3>

<h4>H4 heading</h4>

<h5>H5 heading</h5>

<h6>H6 heading</h6>

<p>this is a paragraph</p>

 <!-- line break -->

this is bold

<pre>this is preformatted text</pre>

this is deleted <ins>text</ins>

<p dir="rtl">text direction (right to left)</p>

<i>this is italized text</i>

<p>This is a^{superscript} text</p>

<p>This is a_{subscript} text</p>

<div>this is a div tag (block)</div>

span tag (inline)

Hyperlink here

<!-- _blank attribute to open link in new tab -->

<div>
click on this to navigate to h1 heading</div>

Hyperlink to an image

<div>

<p>Click on the computer, the phone, or the cup of coffee to go to a new page and read more about the topic:

(image map with clickable areas)</p>

```

```

```
<map name="workmap">
```

```
<area shape="rect" coords="34,44,270,350" alt="Computer"
href="https://en.wikipedia.org/wiki/Computer">
```

```
<area shape="rect" coords="290,172,333,250" alt="Phone"
href="https://en.wikipedia.org/wiki/Telephone">
```

```
<area shape="circle" coords="337,300,44" alt="Cup of coffee"
href="https://en.wikipedia.org/wiki/Coffee">
```

```
</map>
```

```
</div><br><br>
```

```
<table>
```

```
<caption>TABLE</caption>
```

```
<tr>
```

```
<th>Number</th>
```

```
<th>Letter</th>
```

```
</tr>
```

```
<tr>
```

```
<td> 1 </td>
```

```
<td> a </td>
```

```
</tr>
```

```
<tr>
```

```
<td> 2 </td>
```

```
<td> b </td>
```

```
</tr>
```

```
</table><br>
```

```
<table border="2px" cellspacing="10px">
```

```

<caption>TABLE_BORDER</caption>

<tr>

    <th>Number</th>

    <th>Letter</th>

</tr>

<tr>

    <td>1</td>

    <td>a</td>

</tr>

<tr>

    <td>2</td>

    <td>b</td>

</tr>

</table><br>

```

```

<table border="2px" cellpadding="15px">
    <caption>FINAL_TABLE</caption>
    <tr>
        <th>Number</th>
        <th>Letter</th>
    </tr>
    <tr>
        <td>1</td>
        <td rowspan="2">a</td>
    </tr>
    <tr>
        <td>2</td>
    </tr>
    <tr>
        <td colspan="2">No content available</td>
    </tr>

```

```
</tr>
</table>
```

```
<div>
```

```
<ul>
```

```
<li>unordered list item1</li>
```

```
<li>unordered list item2</li>
```

```
</ul>
```

```
<ol>
```

```
<li>ordered list item1</li>
```

```
<li>ordered list item2</li>
```

```
</ol>
```

```
<dl>
```

```
<dt>definition list item1</dt>
```

```
<dd>definition list item2</dd>
```

```
<dt>definition list item3</dt>
```

```
<dd>definition list item4</dd>
```

```
</dl>
```

```
</div><br>
```

```
<em><u>Please fill the form below</u></em><br><br>
```

```
<form>
```

```
<fieldset>
```

```
<legend><em>A basic form</em></legend><br>
```

```
<label>Enter your message:</label>
```

```
<input type="text" name="text-input" placeholder="What's on your
mind?"><br><br>
```

```
<label>Password:</label>
```

```
<input type="password" name="password-input" placeholder="super-
secret password"><br><br>
```

```
<label>Do you agree? Yes</label>
```

```

<input type="checkbox" name=""><br><br>
<label> Make your choice: </label>
<label> Red Pill</label><input type="radio" name="radio">
<label>Blue Pill</label><input type="radio" name="radio"><br><br>
<label for="cars">Choose a car:</label>
<select name="cars" id="cars">
    <option value="Mercedes">Mercedes</option>
    <option value="BMW">BMW</option>
    <option value="Audi">Audi</option>
    <option value="Porsche"
selected="selected">Porsche</option> <!-- choose this option by default-->
</select><br><br>
</fieldset><br><br>
<textarea name="message" id="" cols="30" rows="10"
placeholder="Additional information outside the
fieldset"></textarea><br><br>
<button type="submit" style="margin-right: 30px; color: red;">Submit
</button>
<button type="reset" style="color:green;">Reset</button>
</form>
<br><br>

```

```

<div>Shapes on Canvas</div><br><br>

```

```

<canvas id="myCanvas" width="500" height="500"></canvas>
<canvas id="myCanvas1" width="500" height="500"></canvas>
<script>
    var c = document.getElementById("myCanvas");
    var ctx = c.getContext("2d");
    ctx.moveTo(0, 0);
    ctx.lineTo(100, 50);

```

```
ctx.stroke();

ctx.beginPath();

ctx.rect(0, 100, 100, 100);

ctx.stroke();

ctx.beginPath();

ctx.arc(180, 50, 40, 0, 2 * Math.PI);

ctx.stroke();

ctx.beginPath();

ctx.arc(50, 250, 40, 0, 1 * Math.PI);

ctx.stroke();

var cir2 = document.getElementById("myCanvas");
var cir_cir2 = cir2.getContext("2d");
cir_cir2.beginPath();
cir_cir2.arc(180, 150, 40, 0, 2 * Math.PI);
cir_cir2.fillStyle = "red";
cir_cir2.fill();

ctx.strokeStyle = "green";
ctx.strokeRect(250, 20, 100, 60);
ctx.lineWidth = 7;
ctx.strokeRect(260, 120, 80, 60);

var grd = ctx.createLinearGradient(0, 30, 250, 0);
grd.addColorStop(0, "aqua");
grd.addColorStop(1, "violet");
ctx.fillStyle = grd;
ctx.fillRect(150, 250, 100, 70);

var c1 = document.getElementById("myCanvas1");
var ctx1 = c1.getContext("2d");

var grd1 = ctx1.createRadialGradient(75, 50, 5, 90, 60, 100);
grd1.addColorStop(0, "red");
```

```
        grd1.addColorStop(1, "white");

        // Fill with gradient
        ctx1.fillStyle = grd1;
        ctx1.fillRect(10, 10, 150, 100);
    </script>

</body>

</html>
```

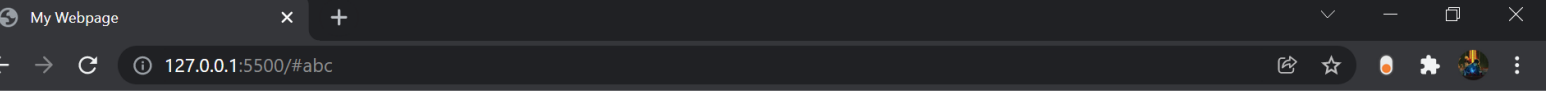
Filename: styles.css

```
html{
margin:20px;
font-family:Montserrat;
}
a{
    color:rgb(21, 123, 170);
    text-decoration: none;
}
a:hover{
    color:brown;
}
```


click on this to navigate to h1 heading

Hyperlink to an image

Click on the computer, the phone, or the cup of coffee to go to a new page and read more about the topic: (image map with clickable areas)



TABLE

Number Letter

1	a
2	b

TABLE_BORDER

Number	Letter
1	a
2	b

Number	Letter
1	a
2	
No content available	

- unordered list item1
 - unordered list item2
1. ordered list item1

