Week 6

9)

```html
<html>
<head>OST Lab</head>
<title>HTML</title>
<style>
.myDiv
{
text-align: center;
}
</style>
<body>
<h1>Heading 1</h1>
<h2>Heading 2</h2>
<h3>Heading 3</h3>
<h4>Heading 4</h4>
<h5>Heading 5</h5>
<h6>Heading 6</h6>
<p>This is a paragraph with <br>line breaks</br></p>
<p><b>This is bold</b></p>
<p><i>This is italic</i></p>
<pre>This is preformmated text with <br></br>line breaks</pre>
<p>This is <del>deleted</del> and <ins> inserted </ins>text</p>
<p style="direction: rtl;">This text will be from right to left</p>
<p>This is an example of <span style="color: blue;font-weight:bold">span</span></p>
<div class="myDiv"><p>This is some text in div</p></div>
<p>This is outside div</p>
</body>
</html>
```
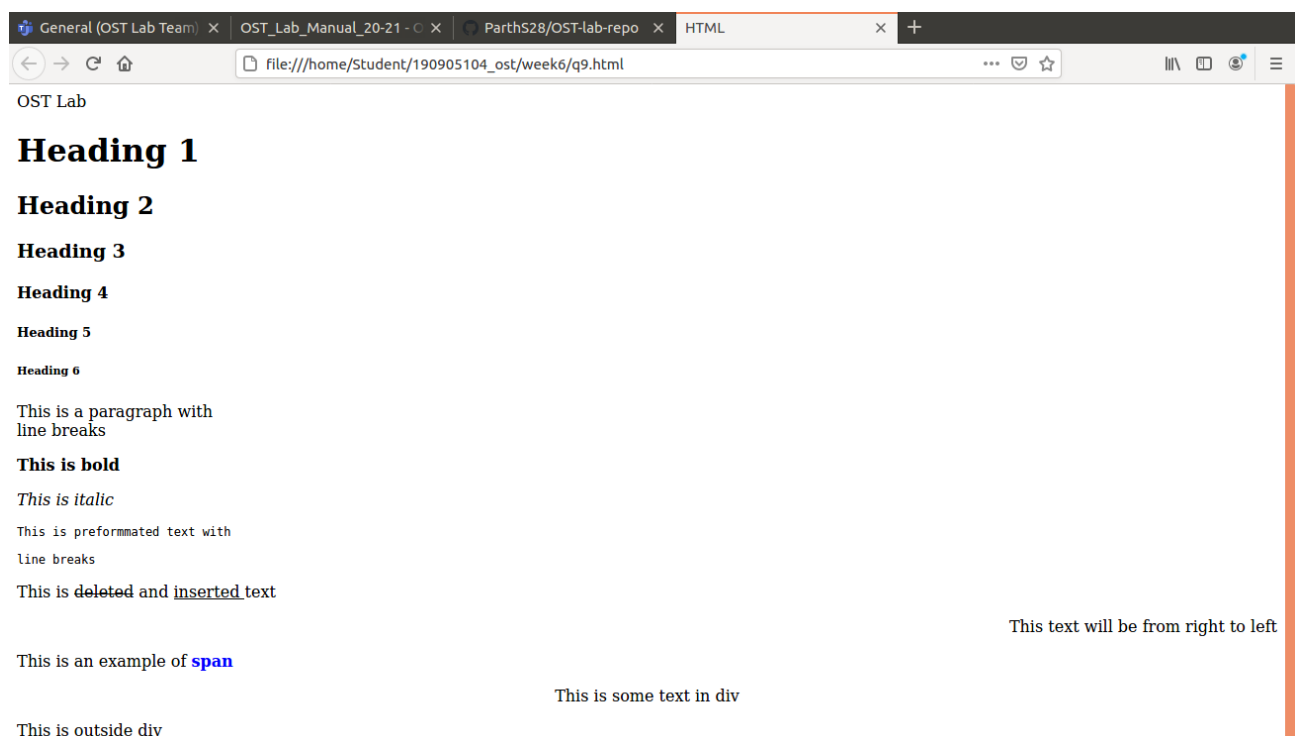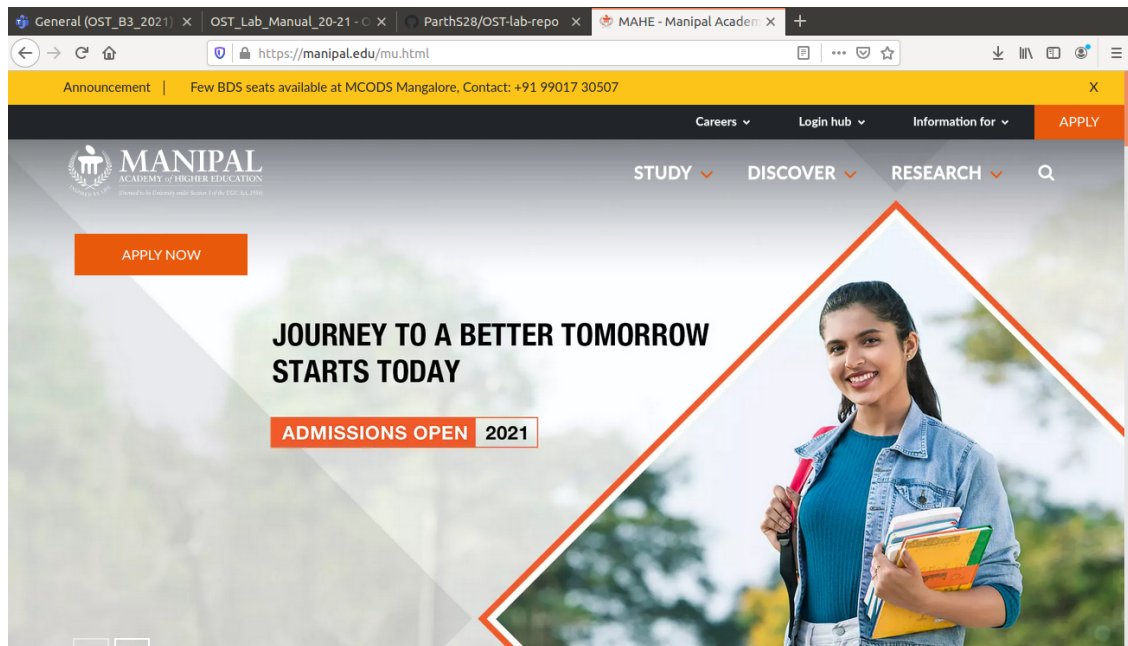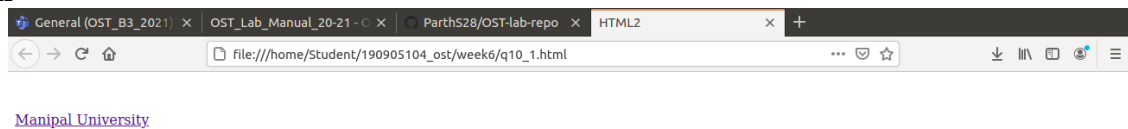
OST Lab

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

This is a paragraph with
line breaks

This is bold

This is italic

```
This is preformmated text with
line breaks
```

This is ~~deleted~~ and inserted text

This text will be from right to left

This is an example of **span**

This is some text in div

This is outside div

10)
Creating hyperlink

```html
<html>
<head></head><br></br>
<title>HTML2</title>
<body>
<a href ="https://manipal.edu/mu.html">Manipal University</a>
</body>
</html>
```


Manipal University

11)
Using image as a link
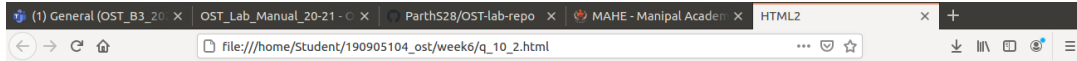
```
<html>
<head></head>
<br></br>
<title>HTML2</title>
<body>
<a href ="https://manipal.edu/mu.html">Manipal University<img src="manipal.jpg" alt =
"MAHE" width = 200 height = 200></a>
</body>
</html>
```
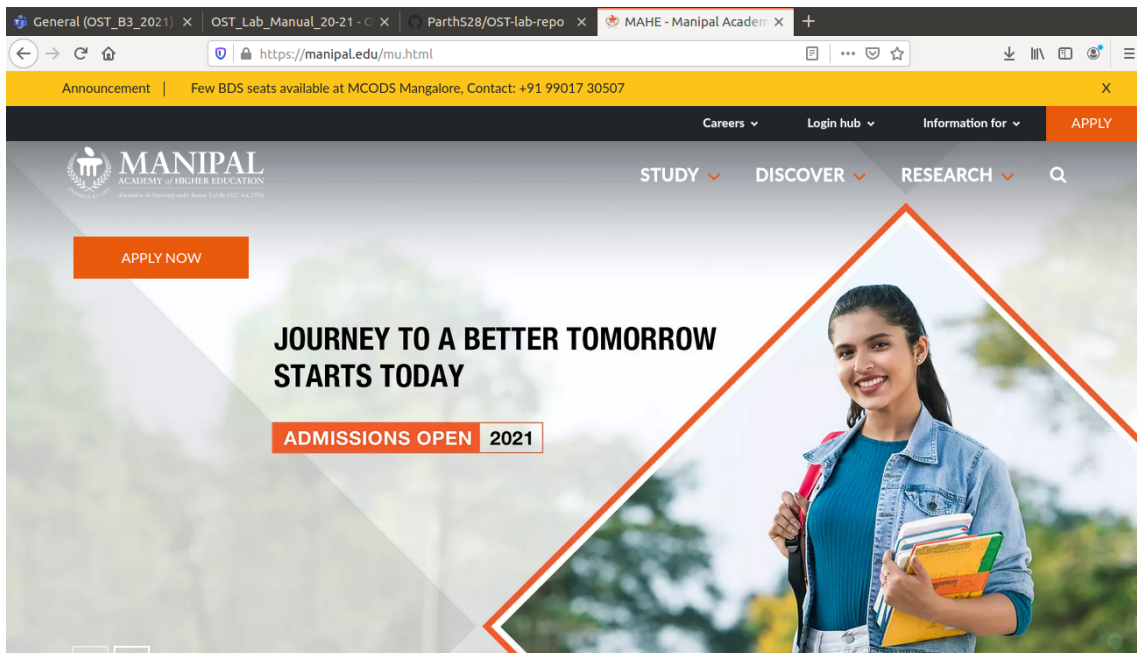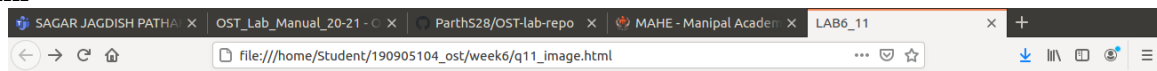
Image map

```html
<html>
<head>
<title>LAB6_11</title>
</head>
<body>
<center><p>football:</p>
<img src="football.jpeg" style="width: 200px; height: 200px;align-content: center;"usemap="#mapss"></center>
<map name="mapss">
<area shape="rect" coords="35, 35, 100, 100" href="https://en.wikipedia.org/wiki/Football">
</map>
</body>
</html>
```

12)

```html
<html>
<head>OST Lab2</head>
<style>
table,th,td
{
border: 1px solid black;
}
th,td
{
padding=15px;
}
</style>
<!-- <br></br> -->
<title>HTML Table</title>
<body>
<table style="width:100%">
<caption> Details </caption>
<tr>
<th>Firstname</th>
<th>Lastname</th>

</tr>
<tr>
<td>Parth</td>
<td>Shukla</td>

<tr>
<td>Mark</td>
<td>Sharma</td>
</tr>
</body>
</html>
```
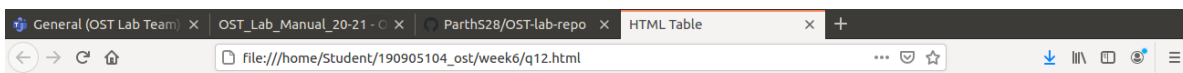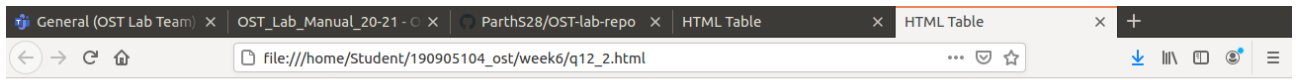
OST Lab2

Firstname	Lastname
Parth	Shukla
Mark	Sharma

Details

Column spanning

```
<html>
<head></head>
<style>
table,th,td
{
border: 1px solid black;
}th,td
{
padding=15px;
}
</style>
<br></br>
<title>HTML Table</title>
<body>
<table style="width:100%">
<caption> Details </caption>
<tr>
<th>Firstname</th>
<th colspan = "3">Children</th>
</tr>
<tr>
<td>Ram</td>
<td>Mohan</td>
<td>Sohan</td>
<td>Rohan</td>
</tr>
</body>
</html>
```

Details			
Firstname	**Children**		
Ram	Mohan	Sohan	Rohan

Row spanning
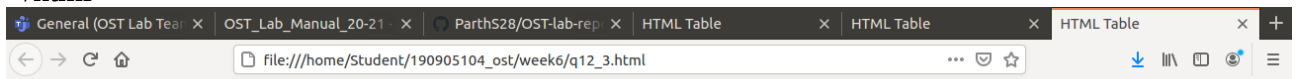```
<html>
<head></head>
<style>table,th,td
{
border: 1px solid black;
}
th,td
{
padding=15px;
}
</style>

</br>
<title>HTML Table</title>
<body>
<table style="width:100%">
<caption> Details </caption>
<tr>
<th>Races</th>
<td>Swimming</td>
</tr>
<tr>
<th rowspan = "3">Types</th>
<td>100m</td>
</tr>
<tr>
<td>200m</td>
</tr>
<tr>
```

```
<td>400m</td>
</tr>
</body>
</html>
```

General (OST Lab Tear ✕ | OST_Lab_Manual_20-21 ✕ | ParthS28/OST-lab-rep ✕ | HTML Table ✕ | HTML Table ✕ | HTML Table ✕ | +

← → C ⌂   file:///home/Student/190905104_ost/week6/q12_3.html   ··· ♡ ☆   ↓ ⦚⦚ ▯ ◉ ≡

Details	
Races	Swimming
Types	100m
	200m
	400m

13)
Lists

```
<html>
<head></head>
<title>Lists</title>
<body>

<ol>
<li>100</li>
<li>200</li>
<li>300</li>
</ol>

<ul>
<li>100</li>
<li>200</li>
<li>300</li>
</ul>

<dl>
```

```
<li>100</li>
<dd>10</dd>
<li>200</li>
<dd>20</dd>
<li>300</li>
<dd>30</dd>
</dl>

</body>
</html>
```


14) Form

```
<html>
<head></head>
<title>Forms</title>
<body>
<form>
<fieldset>
<label for="fname">First Name:</label><br>
<input type="text" id ="fname" name="fname"><br>
<label for="lname">Last Name:</label><br>
<input type="text" id ="lname" name="lname"><br>

<input type="checkbox" id ="option1" name="option1" value="labs">
<label for="option1">Labs</label><br>
<input type="checkbox" id ="option2" name="option2" value="End sem">
<label for="option2">End sem</label><br>
```
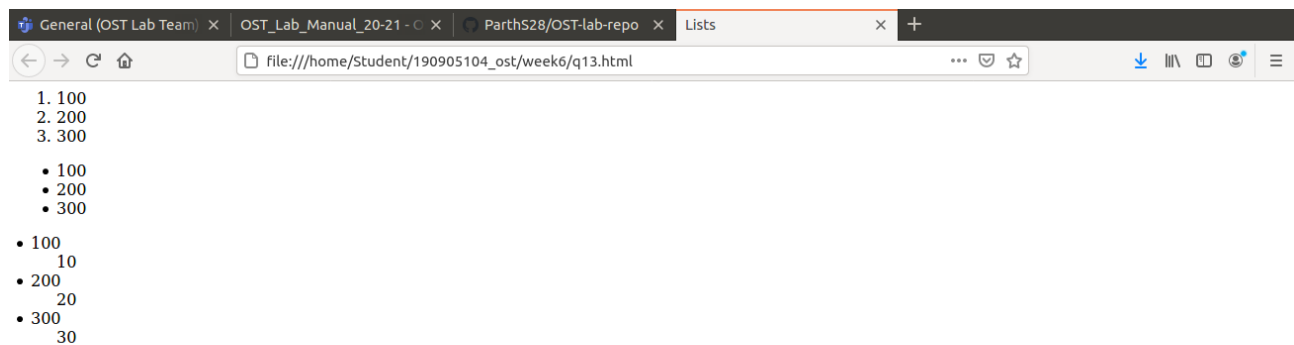
```html
<input type="radio" id ="OST" name="lab" value="OST">
<label for="OST">OST</label><br>
<input type="radio" id ="OOP" name="lab" value="OOP">
<label for="OOP">OOP</label><br>
<input type="radio" id ="DS" name="lab" value="DS">
<label for="DS">DS</label><br>

<label for="Block">Choose Block:</label><select name="Food" if="Food">
<option value="14">Block 14</option>
<option value="15">Block 15</option>
<option value="8">Block 8</option>
</select>
<br></br>
<button type="Submit" value="Submit">Submit</button>
<button type="Reset" value="Reset">Reset</button>
</fieldset>
</form>
</body>
</html>
```


15)
Inline

```html
<html>
<head></head>
<title>Styling</title>
<body>
<h1 style="color:green;text-align: center;">Heading</h1>
<p style="color:red;">Paragraph</p></body>
</html>
```
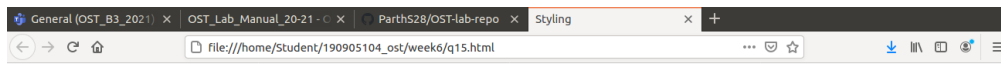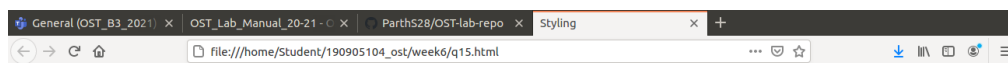
Embedded

```
<html>
<head>
<style >
h1{
        color:green;text-align: center;
}
p{
        color:red;
}
</style>
</head>
<title>Styling</title>
<body>
<h1 ">Heading</h1>
<p >Paragraph</p></body>
</html>
```


External

style.css

```
h1{
        color:green;text-align: center;
```

```
}
p{
        color:red;
}
```
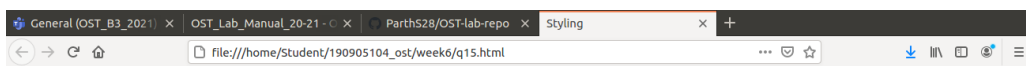
page.html

```html
<html>
<head>
<link rel="stylesheet" href="style.css">
</head>
<title>Styling</title>
<body>
<h1 ">Heading</h1>
<p >Paragraph</p></body>
</html>
```


16)

```html
<html>
<body>
<canvas id="myCanvas" width="300" height="150" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML5 canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.beginPath();
ctx.rect(20, 20, 150, 100);
ctx.stroke();</script>
</body>
</html>
```
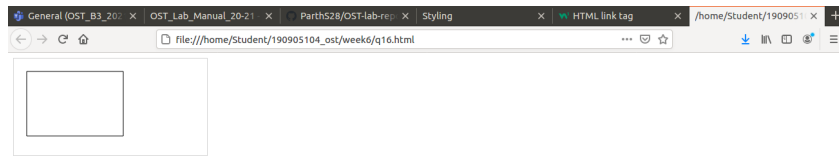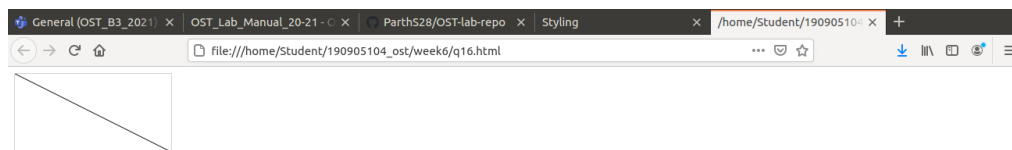
Draw a line

```html
<html>
<body>
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.moveTo(0,0);
ctx.lineTo(200,100);
ctx.stroke();
</script></body>
</html>
```
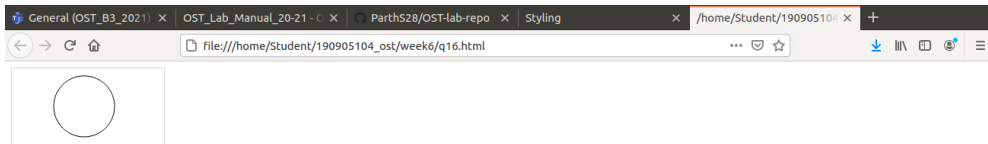

Draw a circle

```html
<html>
<body>
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.beginPath();
ctx.arc(95,50,40,0,2*Math.PI);
ctx.stroke();
</script>
```
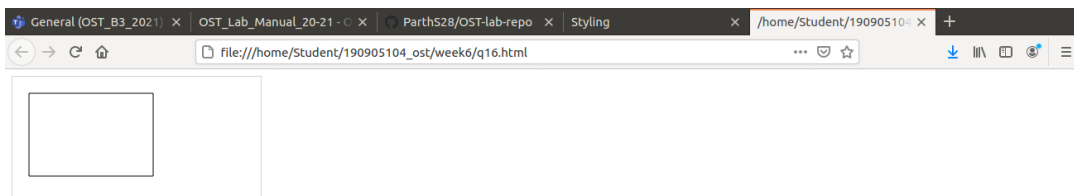
</body>
</html>

Draw a reactangle
<html>
<body>
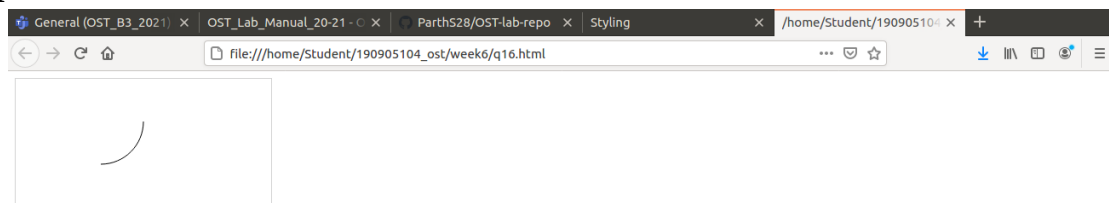<canvas id="myCanvas" width="300" height="150" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML5 canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.beginPath();
ctx.rect(20, 20, 150, 100);
ctx.stroke();
</script>
</body>
</html>

Draw an arc

```html
<html>
<body>
<canvas id="myCanvas" width="300" height="150" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML5 canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.beginPath();
ctx.arc(100, 50, 50, 0, 0.5 * Math.PI);
ctx.stroke();
</script>
</body>
</html>
```
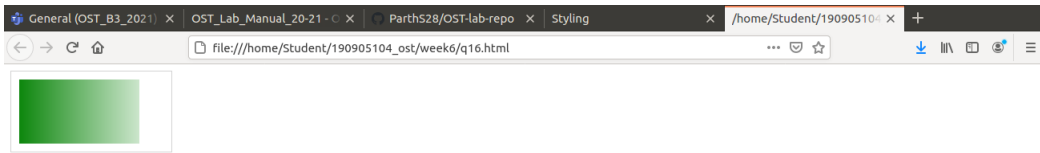

Filling linear gradient

```html
<html>
<body>
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
var grd = ctx.createLinearGradient(0,0,200,0);
grd.addColorStop(0,"red");
grd.addColorStop(1,"white");
ctx.fillStyle = grd;
ctx.fillRect(10,10,150,80);
</script>
</body>
</html>
```
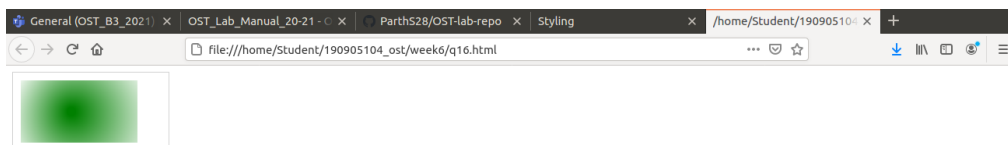
Filling radiant gradient

```html
<html>
<body>
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML canvas tag.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
var grd = ctx.createRadialGradient(75,50,5,90,60,100);
grd.addColorStop(0,"green");
grd.addColorStop(1,"white");
ctx.fillStyle = grd;
ctx.fillRect(10,10,150,80);
</script></body>
</html>
```

Stroke color and width

```html
<html>
<body>
<canvas id="myCanvas" width="300" height="150" style="border:1px solid #d3d3d3;">
Your browser does not support the HTML5 canvas.</canvas>
<script>
var c = document.getElementById("myCanvas");
var ctx = c.getContext("2d");
ctx.lineWidth = 5;
ctx.strokeStyle = "#239505";
ctx.strokeRect(20, 20, 150, 100);
</script>
</body>
</html>
```