

DEU CENG

# CME4414

## LAB SHEET #2

CSS

## External Style Sheet

### CSS Document

```
body {  
    background-color: black;  
}  
  
h1 {  
    color: white;  
    text-align: center;  
}  
  
p {  
    font-family: verdana;  
    font-size: 20px;  
}
```

## Internal Style Sheet

```
<head>  
<style>  
body {  
    background-color: black;  
}  
  
h1 {  
    color: maroon;  
    margin-left: 40px;  
}  
</style>  
</head>
```

## Inline Style

```
<h1 style="color:blue;margin-left:30px;">Heading1 Style </h1>
```

## Color

```
<!DOCTYPE html>  
<html>  
<body>  
  
<h1 style="background-color:Orange;">Orange</h1>  
<h1 style="background-color:Blue;">Blue</h1>
```

```
<h1 style="background-color:Red;">Red</h1>
<h2 style="background-color:MediumSeaGreen;">MediumSeaGreen</h2>
<h2 style="background-color:SlateBlue;">SlateBlue</h2>
<h1 style="background-color:Violet;">Violet</h1>
<h1 style="background-color: LightGray">
</body>
</html>
```

## Counter

```
<!DOCTYPE html>

<html>

<head>

<style>

body {

    counter-reset: chapter;

}

h2::before {

    counter-increment: chapter;

    content: "Chapter " counter(chapter) ": ";

}

</style>

</head>

<body>

<h1>Course Outline:</h1>

<h2>Introduction</h2>

<h2>HTML</h2>

<h2>CSS</h2>

<h2>JavaScript</h2>
```

```
<h2>...  
  
</body>  
  
</html>
```

## CSS Height and Width

```
<!DOCTYPE html>  
<html>  
<head>  
<style>  
div {  
  height: 200px;  
  width: 50%;  
  background-color: pink;  
}  
</style>  
</head>  
<body>  
  
<h2>Set the height and width of an element</h2>  
  
<p>This div element has a height of 200px and a width of 50%:</p>  
  
<div>  
  
</div>  
  
</body>  
</html>
```

### Set the height and width of an element

This div element has a height of 200px and a width of 50%:



### Div 2 %100

This div element has border and width of 100%



## Box Model- Padding

```
div {  
  width: 400px;  
  padding: 20px;  
  border: 10px solid gray;  
  margin: 0;  
}
```

Total element width = width + left padding + right padding + left border + right border + left margin + right margin

Total element height = height + top padding + bottom padding + top border + bottom border + top margin + bottom margin

Total element width = ?

Total element height = ?

### Calculate the total width:



The picture above is xxx px wide. The total width of this element is also ???px.

## Image Gallery

```
<!DOCTYPE html>  
<html>  
<head>  
<style>  
div.gallery {  
  margin: 5px;  
  border: 5px solid #ccc;  
  float: left;  
  width: 180px;  
}  
  
div.gallery:hover {
```

```
border: 1px solid #777;
}

div.gallery img {
width: 100%;
height: auto;
}

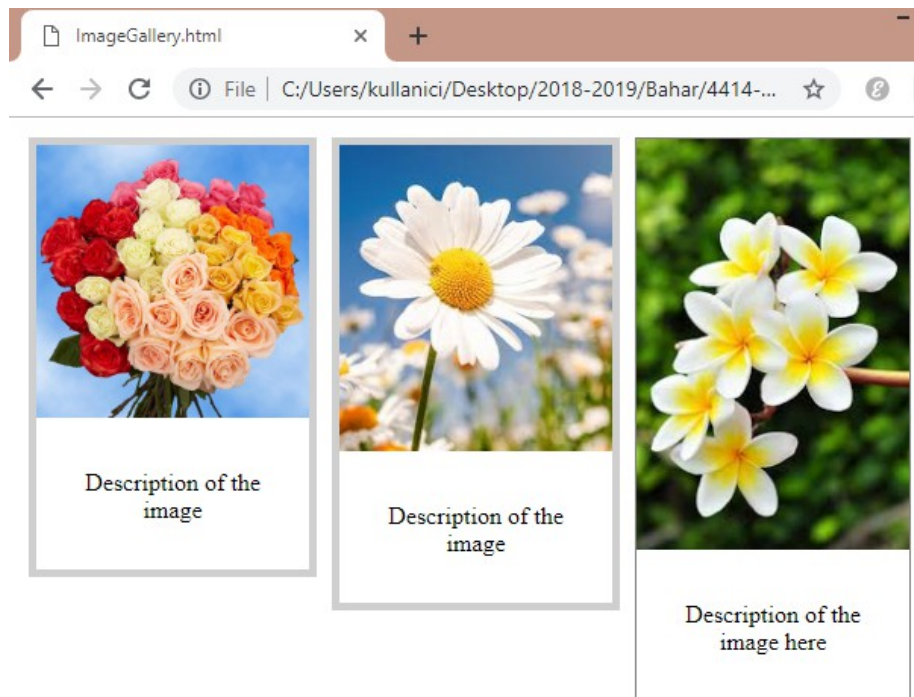
div.desc {
padding: 30px;
text-align: center;
}
</style>
</head>
<body>

<div class="gallery">
  <a target="_blank" href="Image1.jpg">
    
  </a>
  <div class="desc">Description of the image</div>
</div>

<div class="gallery">
  .....
</div>

<div class="gallery">
  <a target="_blank" href="Image3.jpg">
    
  </a>
  <div class="desc">Description of the image here</div>
</div>

</body>
</html>
```



## Bootstrap

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<div class="jumbotron">
```

```
<h1>My First Bootstrap Page</h1>
```

```
<p>Resize this responsive page to see the effect!</p>
```

```
</div>
```

```
<div class="row">
```

```
<div class="col-sm-4">
```

```
<h3>Column 1</h3>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
```

```
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
```

```
</div>
```

```
<div class="col-sm-4">
```

```
<h3>Column 2</h3>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
```

```
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
```

```
<div class="col-sm-4">
```

```
Column 3</h3>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```