

Bangalore Institute of Technology
Department of Computer Science and Engineering
Web Technology Laboratory (BCSL504)

Week 3

Lab program 3

3. Develop an external style sheet named as "style.css" and provide different styles for h2, h3, hr, p, div, span, time, img & a tags. Apply different CSS selectors for tags and demonstrate the significance of each.

Create two files separately,

1) index.html

2) style.css

place one image in same folder where you created index.html file , provide the image name in the html file.

1) index.html file

```
<!DOCTYPE html>
```

```
<head>
```

```
  <title>Styled HTML Page</title>
```

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

```
</head>
```

```
<body>
```

```
  <h2>This is a Main Heading</h2>
```

```
  <h3>This is a Subheading</h3>
```

```
  <hr>
```

```
  <p>This is a paragraph demonstrating the basic text styling applied by CSS.</p>
```

```
  <div>
```

```
    This is a styled <strong>div</strong> element with padding and a light border. Inside  
the div, we can also use
```

```
    <span>span elements</span> that have their own styles, like this bold and orange text.
```

```
  </div>
```

```
  <p>Current time<time>10:30 AM</time></p>
```

```
  
```

<p>Visit bit-bangalore.edu.in to know more about our college.</p>

<p class="highlight">This paragraph is highlighted with a yellow background.</p>

<p class="center">This text is centered using a class selector.</p>

<p id="special-paragraph">This is a special paragraph with unique styles applied through an ID selector.</p>

</body>

</html>

2) style.css file

```
* {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
}
```

```
h2 {  
  color: #2c3e50;  
  font-size: 2em;  
  margin-bottom: 10px;  
}
```

```
h3 {  
  color: #34495e;  
  font-size: 1.5em;  
  margin-bottom: 8px;  
}
```

```
hr {  
  border: 0;  
  height: 2px;  
  background-color: #e74c3c;  
  margin: 20px 0;  
}
```

```
p {  
  font-family: 'Arial', sans-serif;  
  line-height: 1.6;  
  margin: 10px 0;  
}
```

```
div {
  padding: 15px;
  border: 1px solid #bdc3c7;
  background-color: #ecf0f1;
}

span {
  color: #e67e22;
  font-weight: bold;
}

time::before {
  content: '<<';
  color: #16a085;
}

time::after{
  content: '>>';
  color: #ff0000;
}

img {
  margin-left: 15px;
  height: 300px;
  width: 400px;
  border-radius: 8px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
  max-width: 100%;
}

a {
  text-decoration: none;
  color: #ea0e4c;
}

a:hover {
  color: #6200ee;
  text-decoration: underline;
}

.highlight {
  background-color: yellow;
  padding: 3px;
}

.center {
```

```
    text-align: center;
}

#special-paragraph {
    font-size: 1.2em;
    color: #8e44ad;
    background-color: #f5f5f5;
    padding: 10px;
    border-left: 5px solid #8e44ad;
}

h2,
h3,
p {
    margin-left: 20px;
}
```