



NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR

DEPARMENT OF COMPUTER SCIENCE & ENGINEERING

Web Technology 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.

Program :

Note: make two file one is **style.css** and other is **index.html** then copy and paste the below code for different file.

index.html

```
<!DOCTYPE html>
```

```
<head>
```

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

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

```
</head>
```

```
<body>
```

```
  <h2>Main Heading</h2>
```

```
  <h3>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 elements` that have their own styles, like this bold and orange text.

`</div>`

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

``

`<p>Visit NITPulse.in to learn more about our services.</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>`

Style.css

style.css

```
* {  
  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;  
}
```

```
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;
}
```

Output :

Main Heading

Subheading

This is a paragraph demonstrating the basic text styling applied by CSS.

This is a styled **div** element with padding and a light border. Inside the div, we can also use **span elements** that have their own styles, like this bold and orange text.

Current time: 🕒 10:30 AM

Web Technology Lab

Visit [NITPulse.in](https://nitpulse.in) to know more about our services

This paragraph is highlighted with a yellow background.

This text is centered using a class selector.

This is a special paragraph with unique styles applied through an ID selector.

NITPulse