# Program 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.**

**Index.html**

<!DOCTYPE html>

<head>

<title>Styled HTML Page | vtucode</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>span elements</span> that have their own styles, like this bold and orange text.

</div>

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

<img src="https://vtucode.in/wp-content/uploads/2024/08/Web-Technology-Lab.jpg" alt="Placeholder Image">

<p>Visit <a href="https://vtucode.in">vtucode.in</a> 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**

\* {

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;