<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Anatomy of a CSS Rule</title>

<style>

p {

color: blue;

font-size: 20px;

width: 200px;

}

h1 {

color: green;

font-size: 36px;

text-align: center;

}

</style>

</head>

<body>

<h1>Anatomy of a CSS Rule</h1>

<h2>Subheading 1</h2>

<p>CSS works by associating rules with HTML elements. These rules govern how the content of specified elements should be displayed. A CSS rule contains two parts: a selector and a declaration.</p>

<h2>Subheading 2</h2>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Est maxime aperiam blanditiis reprehenderit voluptatem quia quas nesciunt amet atque temporibus quod harum sequi voluptate consequatur tenetur perferendis, cum ad! Eos.</p>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Simple Selectors</title>

<style>

/\* all h2 elements \*/

h2 {

color: red;

text-align: center;

}

/\* all with class="highlight" \*/

.highlight {

font-size: 20px;

font-weight: bold;

font-style: italic;

background-color: green;

opacity: .6;

}

/\* element with id="mainPoint" \*/

#mainPoint {

font-size: 24px;

font-weight: bold;

background-color: red;

opacity: .7;

}

/\* all p AND h1 elements \*/

p, h1 {

color: blue;

text-align: center;

}

</style>

</head>

<body>

<h1>Simple Selectors (h1)</h1>

<h2>Subheading 1 (h2)</h2>

<p class="highlight">Lorem ipsum dolor sit amet, consectetur adipisicing elit. Possimus amet alias est? Nobis cum quasi at soluta odit, maiores quaerat dolores expedita ex nemo ea repellendus dolorem sed maxime quos?</p>

<p class="highlight">Paragraph with attribute class="highlight". Lorem ipsum dolor sit amet, consectetur adipisicing elit.</p>

<h2>Subheading 2 (h2)</h2>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Eligendi nemo ipsum dolores vel modi magnam veniam alias at nam. Voluptatem officiis dolor dolorem aspernatur dolorum modi ipsa, nobis animi aut!</p>

<div>This is the main point of the entire article. So, attribute

<span id="mainPoint">id="mainPoint".</span> </div>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Child Selector</title>

<style>

/\* any article element which is a direct child of a section element,i.e., any article element whose immediate parent is a section element. \*/

section > article {

color: green;

font-size: 24px;

}

/\* any h2 element which is a direct child of a section element,i.e., any h2 element whose immediate parent is a section element. \*/

section > h2 {

color: green;

}

</style>

</head>

<body>

<h1>Child Selector</h1>

<section>

<h2>Subheading 1</h2>

<div>

<article>ARTICLE which inside DIV, which is inside SECTION</article>

</div>

</section>

<section>

<article>ARTICLE as a direct child of the SECTION element.</article>

</section>

<h2>Subheading 2</h2>

</body>

</html>

|  |
| --- |
| <!DOCTYPE html> |
|  | <html> |
|  | <head> |
|  | <meta charset="utf-8"> |
|  | <title>Descendant Selector</title> |
|  | <style> |
|  |  |
|  | /\* all li elements that are inside a section element. \*/ |
|  | section li { |
|  | color: green; |
|  | } |
|  |  |
|  | </style> |
|  | </head> |
|  | <body> |
|  | <h1>Decendant Selector</h1> |
|  | <section> |
|  | Table of contents: |
|  | <ul> |
|  | <li>Article 1</li> |
|  | <li>Article 2</li> |
|  | <li>Article 3</li> |
|  | </ul> |
|  | </section> |
|  | <article> |
|  | Shopping List: |
|  | <ul> |
|  | <li>Cookies</li> |
|  | <li>Cake</li> |
|  | <li>Pie</li> |
|  | </ul> |
|  | </article> |
|  | </body> |
|  | </html> |

|  |
| --- |
| <!DOCTYPE html> |
|  | <html> |
|  | <head> |
|  | <meta charset="utf-8"> |
|  | <title>Element with Class Selector |
|  | </title> |
|  | <style> |
|  |  |
|  | /\* all with class="highlight" \*/ |
|  | .highlight { |
|  | background-color: green; |
|  | } |
|  |  |
|  | /\* all p elements with class="highlight" \*/ |
|  | p.highlight { |
|  | font-style: italic; |
|  | } |
|  |  |
|  | /\* all elements with class 'highlight' as well as with class 'mainpoint'. \*/ |
|  | .mainpoint.highlight { |
|  | color: red; |
|  | background-color: black; |
|  | } |
|  |  |
|  | </style> |
|  | </head> |
|  | <body> |
|  |  |
|  | <h1 class="highlight">Element with Class Selector</h1> |
|  | <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Possimus amet alias est? Nobis cum quasi at soluta odit, maiores quaerat dolores expedita ex nemo ea repellendus dolorem sed maxime quos?</p> |
|  | <p class="highlight">This is P with CLASS="highlight"</p> |
|  | <div class="mainpoint highlight">This is the main point of the entire article. |
|  | </div> |
|  |  |
|  | </body> |
|  | </html> |

|  |
| --- |
| <!DOCTYPE html> |
|  | <html> |
|  | <head> |
|  | <meta charset="utf-8"> |
|  | <title>Pseudo Class Selectors</title> |
|  | <style> |
|  | /\* Styles go here. \*/ |
|  | header li { |
|  | list-style: none; |
|  | } |
|  | a:link, a:visited { |
|  | text-decoration: none; |
|  | background-color: green; |
|  | border: 1px solid blue; |
|  | color: black; |
|  | display: block; |
|  | width: 200px; |
|  | text-align: center; |
|  | margin-bottom: 1px; |
|  | } |
|  |  |
|  | a:hover, a:active { |
|  | background-color: red; |
|  | color: purple; |
|  | } |
|  |  |
|  | header li:nth-child(3) { |
|  | font-size: 24px; |
|  | } |
|  |  |
|  | section div:nth-child(odd) { |
|  | background-color: gray; |
|  | } |
|  |  |
|  | section div:nth-child(4):hover { |
|  | background-color: green; |
|  | cursor: pointer; |
|  | } |
|  |  |
|  | </style> |
|  | </head> |
|  | <body> |
|  | <h1>Pseudo Class Selectors</h1> |
|  |  |
|  | <header> |
|  | <ul> |
|  | <li><a href="/">Home</a></li> |
|  | <li><a href="http://goo.gl/V0Wl6s" target="\_blank">AngularJS Course</a></li> |
|  | <li><a href="http://www.facebook.com/CourseraWebDev" target="\_blank">Facebook Fan Page</a></li> |
|  | </ul> |
|  | </header> |
|  |  |
|  | <section> |
|  | <div>DIV 1</div> |
|  | <div>DIV 2</div> |
|  | <div>DIV 3</div> |
|  | <div>DIV 4</div> |
|  | <div>DIV 5</div> |
|  | <div>DIV 6</div> |
|  | <div>DIV 7</div> |
|  | <div>DIV 8</div> |
|  | <div>DIV 9</div> |
|  | <div>DIV 10</div> |
|  | <div>DIV 11</div> |
|  | <div>DIV 12</div> |
|  | <div>DIV 13</div> |
|  | <div>DIV 14</div> |
|  | <div>DIV 15</div> |
|  | <div>DIV 16</div> |
|  | <div>DIV 17</div> |
|  | <div>DIV 18</div> |
|  | <div>DIV 19</div> |
|  | <div>DIV 20</div> |
|  | </section> |
|  |  |
|  | </body> |
|  | </html> |