**TASK—4**

<html>

<head>

<title>HTML Selector Forms</title>

<link rel="icon" type="image/x-icon" href="C:\Users\Dell\Downloads\favicon.ico">

<style>

/\* Simple Selectors \*/

body {

font-family: Arial, sans-serif;

margin: 20px;

line-height: 1.6;

}

h1 {

color: #333;

}

#unique-id {

color: darkblue;

font-style: italic;

}

.highlight {

color: blue;

font-weight: bold;

}

h2, p {

margin-bottom: 15px;

}

/\* Combinator Selectors \*/

section article p {

color: darkgreen;

}

section > article > h3 {

color: purple;

}

section + aside {

border: 2px solid #ccc;

padding: 10px;

}

h2 ~ p {

font-size: 14px;

color: gray;

}

/\* Pseudo-class Selectors \*/

a:hover {

color: red;

text-decoration: underline;

}

input:focus {

border: 2px solid blue;

}

/\* Pseudo-element Selectors \*/

p::first-line {

font-weight: bold;

color: teal;

}

p::after {

content: " \00a9 2024";

color: gray;

}

/\* Attribute Selectors \*/

input[type="text"] {

border: 1px solid #333;

padding: 5px;

}

input[placeholder] {

font-style: italic;

color: darkgray;

}

</style>

</head>

<body>

<header>

<h1>HTML Selector Forms</h1>

</header>

<main>

<section>

<h2>Simple Selectors</h2>

<p id="unique-id">This paragraph demonstrates the use of an ID selector.</p>

<p class="highlight">This paragraph uses a class selector.</p>

<p>This paragraph is styled with a universal and grouped element selector.</p>

</section>

<section>

<h2>Combinator Selectors</h2>

<article>

<h3>Child Selector Example</h3>

<p>This paragraph is a descendant of an article inside a section.</p>

</article>

<p>Sibling selector applied to paragraphs.</p>

</section>

<aside>

<p>Adjacent sibling and general sibling selectors are demonstrated here.</p>

</aside>

<section>

<h2>Pseudo-class and Pseudo-element Selectors</h2>

<p>This paragraph demonstrates the <strong>first-line</strong> and <strong>after</strong> pseudo-elements.</p>

<a href="#">Hover over this link</a>

<br><br>

<input type="text" placeholder="Focus on me to see effect">

</section>

<section>

<h2>Attribute Selectors</h2>

<p>Input fields below demonstrate attribute selectors:</p>

<input type="text" placeholder="Text input">

<input type="password" placeholder="Password input">

</section>

</main>

<footer>

<p>&copy; 2024 HTML Selector Examples. All rights reserved.</p>

</footer>

</body>

</html>