**TASK----5(A)**

<html>

<head>

<title>CSS Color Reference</title>

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

<style>

/\* Named Color \*/

.named-color {

color: red;

}

/\* Hexadecimal Color \*/

.hex-color {

color: #00ff00;

}

/\* RGB Color \*/

.rgb-color {

color: rgb(0, 0, 255);

}

/\* RGBA Color \*/

.rgba-color {

color: rgba(255, 165, 0, 0.5); /\* Orange with 50% opacity \*/

}

/\* HSL Color \*/

.hsl-color {

color: hsl(120, 100%, 50%); /\* Bright green \*/

}

/\* HSLA Color \*/

.hsla-color {

color: hsla(240, 100%, 50%, 0.7); /\* Bright blue with 70% opacity \*/

}

/\* Background Colors for Demonstration \*/

.color-example {

margin: 10px;

padding: 10px;

border: 1px solid #ccc;

}

</style>

</head>

<body>

<header>

<h1>CSS Color Reference Demonstration</h1>

</header>

<main>

<section>

<h2>Different Ways to Reference Colors in CSS</h2>

<div class="color-example named-color">This text uses a named color: <strong>red</strong>.</div>

<div class="color-example hex-color">This text uses a hexadecimal color: <strong>#00ff00</strong>.</div>

<div class="color-example rgb-color">This text uses an RGB color: <strong>rgb(0, 0, 255)</strong>.</div>

<div class="color-example rgba-color">This text uses an RGBA color: <strong>rgba(255, 165, 0, 0.5)</strong>.</div>

<div class="color-example hsl-color">This text uses an HSL color: <strong>hsl(120, 100%, 50%)</strong>.</div>

<div class="color-example hsla-color">This text uses an HSLA color: <strong>hsla(240, 100%, 50%, 0.7)</strong>.</div>

</section>

</main>

<footer>

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</footer>

</body>

</html>

**TASK----5(B)**

<html>

<head>

<title>CSS Color Reference</title>

<style>

/\* Named Color \*/

.named-color {

color: red;

}

/\* Hexadecimal Color \*/

.hex-color {

color: #00ff00;

}

/\* RGB Color \*/

.rgb-color {

color: rgb(0, 0, 255);

}

/\* RGBA Color \*/

.rgba-color {

color: rgba(255, 165, 0, 0.5); /\* Orange with 50% opacity \*/

}

/\* HSL Color \*/

.hsl-color {

color: hsl(120, 100%, 50%); /\* Bright green \*/

}

/\* HSLA Color \*/

.hsla-color {

color: hsla(240, 100%, 50%, 0.7); /\* Bright blue with 70% opacity \*/

}

/\* Background Colors for Demonstration \*/

.color-example {

margin: 10px;

padding: 10px;

border: 1px solid #ccc;

}

/\* Background Image Positioned Halfway Down \*/

body::before {

content: "";

position: fixed;

top: 50%;

left: 0;

width: 100%;

height: 50%;

background-image: url('https://via.placeholder.com/1920x1080');

background-repeat: no-repeat;

background-size: cover;

transform: translateY(-50%);

z-index: -1;

}

</style>

</head>

<body>

<header>

<h1>CSS Color Reference Demonstration</h1>

</header>

<main>

<section>

<h2>Different Ways to Reference Colors in CSS</h2>

<div class="color-example named-color">This text uses a named color: <strong>red</strong>.</div>

<div class="color-example hex-color">This text uses a hexadecimal color: <strong>#00ff00</strong>.</div>

<div class="color-example rgb-color">This text uses an RGB color: <strong>rgb(0, 0, 255)</strong>.</div>

<div class="color-example rgba-color">This text uses an RGBA color: <strong>rgba(255, 165, 0, 0.5)</strong>.</div>

<div class="color-example hsl-color">This text uses an HSL color: <strong>hsl(120, 100%, 50%)</strong>.</div>

<div class="color-example hsla-color">This text uses an HSLA color: <strong>hsla(240, 100%, 50%, 0.7)</strong>.</div>

</section>

</main>

<footer>

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</footer>

</body>

</html>

**TASK----5(C)**

<html>

<head>

<title>CSS Font and Text Properties</title>

<style>

/\* Font and Text Properties \*/

.font-size {

font-size: 24px;

}

.font-weight {

font-weight: bold;

}

.font-style {

font-style: italic;

}

.text-decoration {

text-decoration: underline;

}

.text-transformation {

text-transform: uppercase;

}

.text-alignment {

text-align: center;

}

.example {

margin: 10px;

padding: 10px;

border: 1px solid #ccc;

}

</style>

</head>

<body>

<header>

<h1>CSS Font and Text Properties Demonstration</h1>

</header>

<main>

<section>

<h2>Examples of CSS Font and Text Properties</h2>

<div class="example font-size">This text demonstrates <strong>font-size</strong> with a value of 24px.</div>

<div class="example font-weight">This text demonstrates <strong>font-weight</strong> set to bold.</div>

<div class="example font-style">This text demonstrates <strong>font-style</strong> set to italic.</div>

<div class="example text-decoration">This text demonstrates <strong>text-decoration</strong> set to underline.</div>

<div class="example text-transformation">This text demonstrates <strong>text-transform</strong> set to uppercase.</div>

<div class="example text-alignment">This text demonstrates <strong>text-align</strong> set to center.</div>

</section>

</main>

<footer>

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</footer>

</body>

</html>

**TASK----5(D)**

<html>

<head>

<title>CSS Box Model Demonstration</title>

<style>

/\* CSS Box Model Styles \*/

.box-model-demo {

width: 200px;

background-color: lightblue;

padding: 20px; /\* Inner space between content and border \*/

border: 5px solid darkblue; /\* Border around the padding \*/

margin: 15px; /\* Outer space between the box and other elements \*/

}

.content-only {

background-color: lightcoral;

padding: 0;

border: none;

margin: 0;

}

.with-padding {

padding: 20px;

}

.with-border {

border: 5px solid darkblue;

}

.with-margin {

margin: 15px;

}

</style>

</head>

<body>

<header>

<h1>CSS Box Model Demonstration</h1>

</header>

<main>

<section>

<h2>Box Model Components</h2>

<p>The box model in CSS is essential for understanding how elements are sized and spaced.</p>

<div class="box-model-demo">

<strong>Complete Box:</strong> This box has content, padding, border, and margin applied.

</div>

<div class="box-model-demo content-only">

<strong>Content Only:</strong> This box shows only the content without padding, border, or margin.

</div>

<div class="box-model-demo content-only with-padding">

<strong>Content + Padding:</strong> This box has padding added around the content.

</div>

<div class="box-model-demo content-only with-border">

<strong>Content + Padding + Border:</strong> This box has a border around the padding.

</div>

<div class="box-model-demo content-only with-border with-margin">

<strong>Content + Padding + Border + Margin:</strong> This box demonstrates all components of the box model.

</div>

</section>

</main>

<footer>

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</footer>

</body>

</html>