Abdalla hatham

Web lab

NW /E

Discussion 5

1-What are the limitations of CSS?

1. Browser Compatibility: Different browsers may interpret CSS rules slightly differently, leading to inconsistencies in the appearance of a website across various browsers. This often requires additional effort to ensure cross-browser compatibility.

2. Complexity in Specific Layouts: Achieving complex layouts, especially in older versions of CSS, can be challenging. Techniques like flexbox and grid layout have improved this but can still present difficulties for intricate designs.

3. Limitations in Selectors: CSS selectors have limitations in targeting specific elements, especially when dealing with complex or nested structures. This can sometimes lead to writing more complicated CSS or resorting to workarounds.

4. No Variables in CSS (Traditionally): Until CSS introduced custom properties, maintaining consistency in design required repeating values throughout the stylesheet, making updates cumbersome and error-prone.

5. Print Styling: Controlling print-specific styles can be challenging as CSS's print capabilities are not as robust as screen styles, leading to difficulties in creating print-friendly layouts.

6. Animation and Interactivity: While CSS animations are quite powerful, more complex animations or interactions might require additional JavaScript for better control and functionality.

7. Performance Impact: Overusing or poorly optimized CSS can impact page load times, especially when dealing with large stylesheets or numerous complex selectors.

2-How many ways can a CSS be integrated as a web page?

1. External Stylesheet: Linking a CSS file from the HTML document.

2. Internal Stylesheet: Embedding the CSS code within the HTML document using the <style> tag.

3. Inline Styles: Applying the CSS directly to the HTML elements using

the style attribute.

3-Create a home page for a restaurant with what you’ve learned from HTML & CSS.

Certainly! Here's a basic example of a restaurant's homepage using HTML and CSS:

HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Restaurant Homepage</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<header>

<h1>Welcome to Delicious Bites</h1>

<nav>

<ul>

<li><a href="#menu">Menu</a></li>

<li><a href="#about">About Us</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</nav>

</header>

<main>

<section id="hero">

<h2>Enjoy Delicious Cuisine</h2>

<p>Experience exquisite flavors crafted by our chefs.</p>

<a href="#menu" class="cta-button">View Menu</a>

</section>

<section id="menu">

<h2>Our Menu</h2>

<!-- Menu items can be listed here -->

</section>

<section id="about">

<h2>About Us</h2>

<p>Welcome to Delicious Bites! We're passionate about serving high-quality, delectable dishes.</p>

</section>

<section id="contact">

<h2>Contact Us</h2>

<p>Reach out to us at:</p>

<address>

123 Restaurant Street,<br>

City, Country<br>

Phone: 123-456-7890<br>

Email: info@deliciousbites.com

</address>

</section>

</main>

<footer>

<p>&copy; 2023 Delicious Bites. All rights reserved.</p>

</footer>

</body>

</html>

CSS

body, h1, h2, h3, p, ul {

margin: 0;

padding: 0;

}

/\* Basic styles for the layout \*/

body {

font-family: Arial, sans-serif;

line-height: 1.6;

}

header {

background-color: #f8f8f8;

padding: 20px;

}

header h1 {

color: #333;

}

nav ul {

list-style: none;

}

nav ul li {

display: inline;

margin-right: 20px;

}

nav ul li a {

text-decoration: none;

color: #333;

}

main {

padding: 20px;

}

section {

margin-bottom: 40px;

}

section h2 {

color: #333;

}

footer {

background

