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**Assignment 2.3.1**

**Webpage Title**

**Harmofy - Music Player**

**Font Face**

* **Default browser font (no specific font was set in the provided code).**

**Font Size**

* **Default size (not explicitly defined in the code).**

**Font Weight**

* **For headings like <h1> and <h3>, the font weight defaults to bold.**

**Font Color**

* **Text color is default black (no specific color set in the code).**

**Alignment**

* **Header: Text is center-aligned using text-align: center;.**
* **Navigation and Footer: Links and content are aligned horizontally.**
* **Body Content: Text is aligned naturally to the left.**

**Body Text**

* **Default font style and size (not explicitly defined).**

**Heading**

* **Font Face: Default font face.**
* **Font Size: Browser default for <h1>, <h2>, and <h3> tags.**
* **Font Weight: Bold (browser default for headings).**

**Paragraphs**

* **Font Face: Default font face.**
* **Font Size: Default font size (not explicitly defined).**
* **Font Weight: Normal (default for <p>).**
* **Paragraphs have padding for spacing inside the main section.**

**Links**

* **Links were added using the <a> tag, such as in the navigation menu and footer.**
* **Default blue color and underline style for links (no CSS styling applied).**
* **Example:**

**html**

**<a href="pages/about.html">About Us</a>**

**Images**

* **Images added to the header:**

**html**

**<img src="images/logo.png" alt="Harmofy Logo">**

* **The background image in the header uses:**

**html**

**style="background-image: url('images/header.jpg');"**

**Code:**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Harmofy - Music Player</title>**

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

**</head>**

**<body>**

**<!-- Header Section -->**

**<header style="background-image: url('images/header.jpg'); text-align: center; padding: 20px;">**

**<h1>Welcome to Harmofy</h1>**

**<p>Your ultimate destination for seamless music playback.</p>**

**<header style="background-image: url('images/header.jpg'); text-align: center; padding: 20px;">**

**<img src="images / logo.png.png" alt="Harmofy Logo" style="width: 100px; height: auto; display: block; margin: 0 auto;">**

**</header>**

**</header>**

**<!-- Navigation Section -->**

**<nav>**

**<ul>**

**<li><a href="index.html">Home</a></li>**

**<li><a href="pages/about.html">About Us</a></li>**

**<li><a href="pages/contact.html">Contact Us</a></li>**

**<li><a href="pages/registration.html">Register</a></li>**

**</ul>**

**</nav>**

**<!-- Main Content Area -->**

**<main style="display: flex;">**

**<!-- Left Column -->**

**<section style="flex: 3; padding: 20px;">**

**<h2>Discover Music</h2>**

**<p>Explore millions of tracks and curate your playlists effortlessly.</p>**

**<h3>Features</h3>**

**<ul>**

**<li>High-quality streaming</li>**

**<li>Custom playlists</li>**

**<li>Music recommendations</li>**

**</ul>**

**<h3>This Week's Top Charts</h3>**

**<table border="1" style="width: 100%; margin-top: 20px;">**

**<tr>**

**<th>Rank</th>**

**<th>Song</th>**

**<th>Artist</th>**

**</tr>**

**<tr>**

**<td>1</td>**

**<td>Not Like Us</td>**

**<td>Kendrick Lamar</td>**

**</tr>**

**<tr>**

**<td>2</td>**

**<td>Kifak Enta</td>**

**<td>Fairuz</td>**

**</tr>**

**</table>**

**<h3>Calculator</h3>**

**<form>**

**<label for="num1">Number 1:</label>**

**<input type="number" id="num1" name="num1"><br><br>**

**<label for="num2">Number 2:</label>**

**<input type="number" id="num2" name="num2"><br><br>**

**<label for="operation">Operation:</label>**

**<select id="operation" name="operation">**

**<option value="add">Add</option>**

**<option value="subtract">Subtract</option>**

**<option value="multiply">Multiply</option>**

**<option value="divide">Divide</option>**

**</select><br><br>**

**<button type="button" onclick="calculate()">Calculate</button>**

**</form>**

**<p id="result"></p>**

**</section>**

**<!-- Right Column -->**

**<aside style="flex: 1; padding: 20px;">**

**<h3>Search</h3>**

**<form>**

**<input type="text" placeholder="Search music...">**

**<button type="submit">Search</button>**

**</form>**

**<h3>Latest News</h3>**

**<marquee>Check out our new curated playlists for December!</marquee>**

**<h3>**

**<marquee>Checkout the new Harmofy subscription offers</marquee></h3>**

**<h3>Advertisements</h3>**

**<p>Premium subscriptions available now!</p>**

**</aside>**

**</main>**

**<!-- Footer Section -->**

**<footer style="text-align: center; padding: 10px; background-color: #f1f1f1;">**

**<p>© 2024 Harmofy | <a href="mailto:sed100739@gu.edu.eg">Contact Us</a></p>**

**<p>Follow us:**

**<a href="#">Facebook</a> |**

**<a href="#">Twitter</a> |**

**<a href="#">Instagram</a>**

**</p>**

**</footer>**

**<script>**

**function calculate() {**

**const num1 = parseFloat(document.getElementById('num1').value);**

**const num2 = parseFloat(document.getElementById('num2').value);**

**const operation = document.getElementById('operation').value;**

**let result;**

**if (isNaN(num1) || isNaN(num2)) {**

**result = 'Please enter valid numbers.';**

**} else {**

**switch (operation) {**

**case 'add':**

**result = num1 + num2;**

**break;**

**case 'subtract':**

**result = num1 - num2;**

**break;**

**case 'multiply':**

**result = num1 \* num2;**

**break;**

**case 'divide':**

**result = num2 !== 0 ? num1 / num2 : 'Cannot divide by zero';**

**break;**

**default:**

**result = 'Invalid operation';**

**}**

**}**

**document.getElementById('result').textContent = `Result: ${result}`;**

**}**

**</script>**

**</body>**

**</html>**