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soal 1:(index)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>CodeChallenge 2024</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <!-- BAGIAN NAVIGASI DI HEADER -->
  <header>
    <div class="header-container">
      <div class="logo">CodeChallenge 2024</div>
      <nav>
        <a href="index.html">Beranda</a>
        <a href="pendaftaran.html">Pendaftaran</a>
        <a href="faq.html">FAQ</a>
      </nav>
    </div>
  </header>

  <main>

    <section class="content">
      <div class="text">
        <p>
          im watching you  im watching you im watching you im watching
you im watching you im watching you im watching you im watching you im
watching you im watching you im watching you
        </p>
      </div>
      <div class="image"></div>
    </section>

    <!-- teks beserta image placeholder nya -->
```

```
</section>
  <div class="image"></div>
  <div class="text">
    <p>
      jeff the landshark is satan incarnate
      jeff the landshark is satan incarnate

      jeff the landshark is satan incarnate

      jeff the landshark is satan incarnate
    </p>
  </div>

<h2>Galeri</h2>
<section class="gallery">
  <div class="gallery-item"></div>
  <div class="gallery-item"></div>
  <div class="gallery-item"></div>
</section>

<!-- BAGIAN TOMBOL DI BAGIAN GALERI -->
<div class="buttons">
  <a href="pendaftaran.html">
    <button>Pendaftaran</button>
  </a>

  <a href="faq.html">
    <button>FAQ</button>
  </a>
</div>
</main>

<footer>
  <div class="footer-container">
    <p>Copyright 2024</p>
    <div class="dots">
      <span></span>
      <span></span>
    </div>
  </div>
</footer>
```

```
        <span></span>
    </div>
</div>
</footer>
</body>
</html>
```

SOAL 1(PENDAFTARAN)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>CodeChallenge 2024 - Pendaftaran</title>
    <link rel="stylesheet" href="pendaftaran.css">
</head>
<body>

    <header>
        <div class="header-container">
            <div class="logo">CodeChallenge 2024</div>
            <nav>
                <a href="index.html">Beranda</a>

                <!-- KENGUNAAN AKTIF UNTUK HIGHLIGHT PAGE NYA -->
                <a href="pendaftaran.html"
class="active">Pendaftaran</a>
                <a href="faq.html">FAQ</a>
            </nav>
        </div>
    </header>

    <!-- ISI STANDAR EMAIL PASSWORD DLL -->
    <main>
        <div class="form-container">
            <h2>Form Pendaftaran</h2>
            <form>
                <div class="form-group">
```

```

        <label for="nama">Nama</label>
        <input type="text" id="nama" name="nama">
    </div>

    <div class="form-group">
        <label for="nisan">NISN</label>
        <input type="text" id="nisan" name="nisan">
    </div>

    <div class="form-group">
        <label for="asal-sekolah">Asal Sekolah</label>
        <input type="text" id="asal-sekolah" name="asal-
sekolah">
    </div>

    <!-- //fitur dropdown -->
    <div class="form-group">
        <label for="kelas">Kelas</label>
        <select id="kelas" name="kelas">
            <option value="10">10</option>
            <option value="11">11</option>
            <option value="12">12</option>
        </select>
    </div>

    <div class="form-group">
        <label for="hp">No. HP</label>
        <input type="text" id="hp" name="hp">
    </div>

    <div class="form-group">
        <label for="email">Email</label>
        <input type="email" id="email" name="email">
    </div>

    <div class="form-group">
        <label for="alamat">Alamat Rumah</label>
        <textarea id="alamat" name="alamat"
rows="3"></textarea>
    </div>

    <button type="submit">Daftar</button>
</form>

```

```

        </div>
    </main>

    <!-- FOOTER -->
    <footer>
        <div class="footer-container">
            <p>Copyright 2024</p>
            <div class="dots">
                <span></span>
                <span></span>
                <span></span>
            </div>
        </div>
    </footer>
</body>
</html>

```

SOAL1(FAQ)

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>CodeChallenge 2024</title>
    <link rel="stylesheet" href="faq.css">
</head>
<body>

    <!-- DIGGIE DAW HEADER -->
    <header>
        <h1>CodeChallenge2024</h1>
    </header>
    <nav>
        <a href="index.html">beranda</a>
        <a href="faq.html" class="active">FAQ</a>
        <a href="pendaftaran.html">pendaftaran</a>
    </nav>
    <main>

        <!-- BAGIAN FAQ -->

```

```

<section id="faq">
  <h2>Frequently Asked Questions</h2>
  <div class="faq-container">
    <div class="question">Q:diggie daw</div>
    <div class="answer">A:wadidaw</div>
  </div>
  <div class="faq-container">
    <div class="question">Q:siapa judge nya</div>
    <div class="answer">A:hideo kojima</div>
  </div>
</section>
<!-- BAGIAN KIRIM pertanyaan -->
<section id="contact">
  <h2>lirim pertanyaan</h2>
  <div class="form-container">
    <form>
      <label for="name">Nama:</label>
      <input type="text" id="name" name="name" required>
      <label for="email">Email:</label>
      <input type="email" id="email" name="email"
required>
      <label for="message">pertanyaan:</label>
      <textarea id="message" name="message" rows="4"
required></textarea>
      <button type="submit"> kirim</button>
    </form>
  </div>
</section>
</main>
</body>
</html>

```

SOAL 2 (JAVASCRIPT)

```

function hitungRataRata () {
  // Mengambil nilai tinggi badan dari input
  var siswal = parseFloat(document.getElementById("siswal").value);

```

```

var siswa2 = parseFloat(document.getElementById("siswa2").value);
var siswa3 = parseFloat(document.getElementById("siswa3").value);
var siswa4 = parseFloat(document.getElementById("siswa4").value);
var siswa5 = parseFloat(document.getElementById("siswa5").value);

// Menghitung total tinggi badan
var total = siswa1 + siswa2 + siswa3 + siswa4 + siswa5;

// Menghitung rata-rata
var rataRata = total / 5;

// Menampilkan hasil rata-rata
document.getElementById("hasil").innerText = "Rata-rata Tinggi
Badan: " + rataRata.toFixed(2) + " cm";
}

```

soal 2 (index)

```

<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Hitung Rata-Rata Tinggi Badan</title>
  <script src="script.js"></script>
</head>
<body>
  <!-- menghitung lewat id -->
  <h1>Hitung Rata-Rata Tinggi Badan Siswa</h1>
  <form onsubmit="event.preventDefault(); hitungRataRata();">
    <label for="siswa1">Tinggi Badan Siswa 1 (cm):</label>
    <input type="number" id="siswa1" required><br><br>

    <label for="siswa2">Tinggi Badan Siswa 2 (cm):</label>
    <input type="number" id="siswa2" required><br><br>

```

```

        <label for="siswa3">Tinggi Badan Siswa 3 (cm):</label>
        <input type="number" id="siswa3" required><br><br>

        <label for="siswa4">Tinggi Badan Siswa 4 (cm):</label>
        <input type="number" id="siswa4" required><br><br>

        <label for="siswa5">Tinggi Badan Siswa 5 (cm):</label>
        <input type="number" id="siswa5" required><br><br>

        <button type="submit">Hitung Rata-Rata</button>
    </form>
    <h2 id="hasil"></h2>
</body>
</html>

```

soal 3 (b)

```

<?php

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "hotel_db";

$conn = new mysqli($servername, $username, $password);

if ($conn->connect_error) {
    die("Koneksi gagal: " . $conn->connect_error);
}

// Membuat database
$sql = "CREATE DATABASE IF NOT EXISTS $dbname";
if ($conn->query($sql) === TRUE) {
    echo "Database berhasil dibuat<br>";
} else {
    echo "Error membuat database: " . $conn->error . "<br>";
}

// Menggunakan database yang baru dibuat
$conn->select_db($dbname);

```



```
// Membuat tabel user
$sql_user = "CREATE TABLE IF NOT EXISTS user (
    id INT(11) AUTO_INCREMENT PRIMARY KEY,
    nama VARCHAR(100) NOT NULL,
    email VARCHAR(100) NOT NULL UNIQUE,
    password VARCHAR(255) NOT NULL
)";

if ($conn->query($sql_user) === TRUE) {
    echo "Tabel user berhasil dibuat<br>";
} else {
    echo "Error membuat tabel user: " . $conn->error . "<br>";
}

// Membuat tabel kamar
$sql_kamar = "CREATE TABLE IF NOT EXISTS kamar (
    id INT(11) AUTO_INCREMENT PRIMARY KEY,
    nomor_kamar VARCHAR(10) NOT NULL UNIQUE,
    tipe_kamar ENUM('king', 'queen', 'twin', 'single', 'double') NOT
NULL,
    status ENUM('terisi', 'kosong') NOT NULL
)";

if ($conn->query($sql_kamar) === TRUE) {
    echo "Tabel kamar berhasil dibuat<br>";
} else {
    echo "Error membuat tabel kamar: " . $conn->error . "<br>";
}

$conn->close();
?>
```

penjelasan di dalam kode