

```

<?php

$bmi = null;
$status = null;
$error = null;

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $tinggi_badan = isset($_POST['tinggi_badan']) ? $_POST['tinggi_badan'] :
null;
    $berat_badan = isset($_POST['berat_badan']) ? $_POST['berat_badan'] :
null;

    if (empty($tinggi_badan) || empty($berat_badan)) {
        $error = "Tinggi dan berat badan wajib diisi";
    } else {
        $tinggi_in_meter = $tinggi_badan / 100; // Convert height from cm to
meters
        $bmi = $berat_badan / ($tinggi_in_meter * $tinggi_in_meter);

        // Determine the status based on BMI
        if ($bmi <= 18.4) {
            $status = "Underweight";
        } elseif ($bmi >= 18.5 && $bmi <= 24.9) {
            $status = "Normal";
        } elseif ($bmi >= 25 && $bmi <= 39.9) {
            $status = "Overweight";
        } else {
            $status = "Obese";
        }
    }
}

// ***** 1 *****
// ===== tangkap nilai tinggi_badan dan berat_badan yang ada pada form
html
// silakan taruh code kalian di bawah

// ***** 1 *****

// ***** 2 *****
// ===== buatlah sebuah perkondisian di mana
// tinggi_badan atau $berat_badan tidak boleh kosong nilainya, kalau kosong
buatkanlah pesan error
// silakan taruh code kalian di bawah

// ***** 2 *****

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// ***** 3 *****
// ===== buatlah perkondisian di mana Jika kesalahan Error-nya
"empty",
// masukkan perhitungan BMI sesuai dengan rumus yang tertera pada jurnal
// silakan taruh code kalian di bawah

// ***** 3 *****

?>

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Kalkulator BMI</title>
  <link rel="stylesheet" href="css.css">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous">

</head>

<body>
  <div class="row">
    <div class="col-md-4"></div>
    <div class="col-md-4 p-3">
      <div class="card">
        <div class="card-body">
          <h4 class="card-title mb-4">Kalkulator BMI</h4>
          <form action="" method="POST">
            <div class="form-floating mb-3">
              <input type="number" class="form-control"
name="tinggi_badan" id="tinggi_badan" placeholder="175">
              <label for="tinggi_badan">Tinggi Badan
(CM)</label>
            </div>
            <div class="form-floating">
              <input type="number" class="form-control"
name="berat_badan" id="berat_badan" placeholder="53">
              <label for="berat_badan">Berat Badan (KG)</label>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>

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        <button type="submit" class="btn btn-primary mb-3 mt-3
w-100">Hitung BMI</button>
    </form>

    <?php if ($bmi !== null) : ?>
        <p>BMI: <?= number_format($bmi, 2) ?>, Status: <?=
$status ?></p>

        <?php endif; ?>

        <?php if ($error) : ?>
            <p class="text-danger"><?= $error ?></p>
        <?php endif; ?>

        <!--
- ***** 4 ***** -->
        <!-- Hasilnya perhitungan BMI taruh di sini yaaa!! 😊 -->
        <!-- silakan taruh code kalian di bawah -->

        <!--
- ***** 4 ***** -->

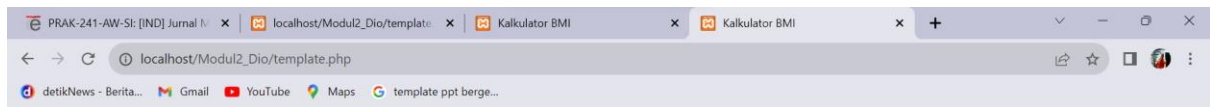
        <!--
- ***** 5 ***** -->
        <!-- Hasil pesan error nya taruh di sini yaaa!! 😊 -->
        <!-- silakan taruh code kalian di bawah -->

        <!--
- ***** 5 ***** -->

    </div>
</div>
</div>
<div class="col-md-4"></div>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min
.js" integrity="sha384-
C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL"
crossorigin="anonymous"></script>
</body>

</html>

```



## Kalkulator BMI

Tinggi Badan (CM)

Berat Badan (KG)

Hitung BMI

BMI: 21.14, Status: Normal