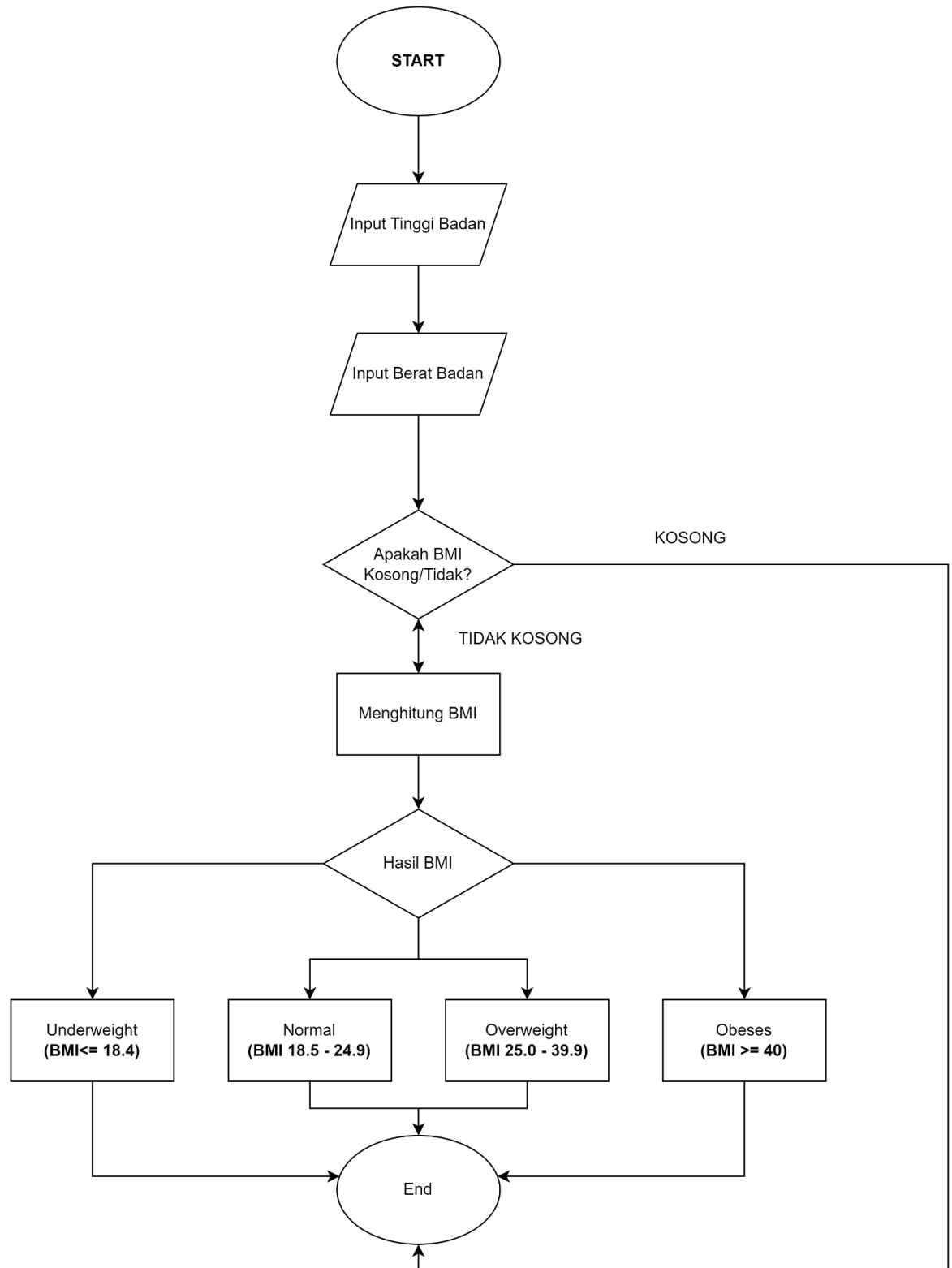


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## 1. Flowchart



## 2. Hasil Tampilan Kalkulator BMI

Kalkulator BMI

Tinggi Badan (CM)

Berat Badan (KG)

Hitung BMI

50  
obese

## 3. Source Code Kalkulator BMI

```
<?php

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

if ($_POST){
    $tinggi_badan = $_POST["tinggi_badan"];
    $berat_badan = $_POST["berat_badan"];
}

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

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

if (empty($tinggi_badan) || empty($berat_badan)) {
    $error_message = "Tinggi badan dan berat badan harus diisi.";}
}
```

```
// ***** 2 *****

// ***** 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
else{
    $tinggi_convert = $tinggi_badan / 100;
    $bmi = $berat_badan / $tinggi_convert**2;
    if ($bmi <= 18.4){
        $count = "underweight";
    } elseif ($bmi > 18.5 && $bmi < 24.9){
        $count = "normal";
    } elseif ($bmi > 25.0 && $bmi < 39.9){
        $count = "overweight";
    } else {
        $count = "obeses";
    }
}

// ***** 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.m
in.css" rel="stylesheet"
integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwy
kc2MPK8M2HN" 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>
                        <button type="submit" class="btn btn-primary
mb-3 mt-3 w-100">Hitung BMI</button>
                    </form>

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

                    <?php if (isset($bmi)){
                        echo number_format ($bmi);
                        echo '<br>';
                        echo $count;
                    }
                    ?>

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

```

```

<!-- ***** 5
***** -->
<!-- Hasil pesan error nya taruh di sini yaaa!! 😊
-->

<!-- silakan taruh code kalian di bawah -->
<?php
    if (!empty($error_message)){
        echo $error_message;
    }
?>

<!-- ***** 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>

```