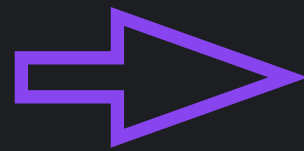# FUNDAMENTOS DO SASS

Condicionais

if
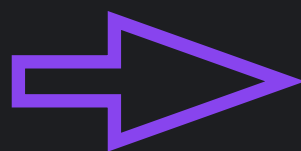
```scss
$tema: oceano;
$primary-color: black;
$secondary-color: gray;

@if $tema == oceano {
  $primary-color: blue;
  $secondary-color: orange;
} @else if $tema == deserto {
  $primary-color: yellow;
  $secondary-color: purple;
}

p {
  color: $primary-color;
  background: $secondary-color;
}
```

⇒

```css
p {
  color: blue;
  background: orange;
}
```
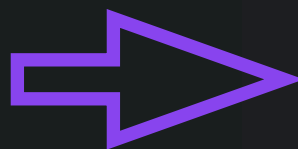
if

```scss
@mixin type-1($size) {
    font-family: monospace;
    @if $size == 16 {
        font-size: 1em;
    }
    @else if $size == 18 {
        font-size: 1.25em;
    }
    @else if $size == 24 {
        font-size: 1.5em;
    }
}

p {
    @include type-1(16);
}

h1 {
    @include type-1(24);
}
```

⇒

```css
p {
    font-family: monospace;
    font-size: 1em;
}

h1 {
    font-family: monospace;
    font-size: 1.5em;
}
```
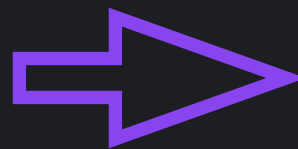
if

```scss
1 ▾ @mixin shadow($type) {
2 ▾    @if $type == 1 {
3          box-shadow: 5px 5px 5px 0 #000;
4       }
5 ▾    @else if $type == 2 {
6          box-shadow: 15px 15px 15px 0 #333;
7       }
8 ▾    @else if $type == 3 {
9          box-shadow: 25px 25px 25px 0 #666;
10      }
11  }
12
13 ▾ div {
14     @include shadow(1);
15  }
16
17 ▾ div.active {
18     @include shadow(3);
19  }
```

```css
1 ▾ div {
2     box-shadow: 5px 5px 5px 0 #000;
3  }
4
5 ▾ div.active {
6     box-shadow: 25px 25px 25px 0 #666;
7  }
```
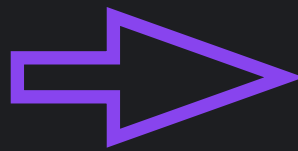
```scss
@mixin d($device) {
  @if $device == m {
    @media (max-width: 300px) {
      @content;
    }
  }
  @else if $device == t {
    @media (max-width: 600px) {
      @content;
    }
  }
  @else if $device == s {
    @media (max-width: 900px) {
      @content;
    }
  }
}

div {
  font-size: 1.5em;
  @include d(t) {
    font-size: 1.2em;
  }
  @include d(m) {
    font-size: 1em;
  }
}
```

```css
div {
  font-size: 1.5em;
}

@media (max-width: 600px) {
  div {
    font-size: 1.2em;
  }
}

@media (max-width: 300px) {
  div {
    font-size: 1em;
  }
}
```

Maior ou Menor

```scss
1▼ div {
2    $width: 600px;
3▼   @if $width > 400px {
4       width: $width;
5       height: $width * 1.5;
6▼   } @else {
7       width: $width;
8       height: $width;
9    }
10 }
```

```css
1▼ div {
2    width: 600px;
3    height: 900px;
4  }
```