TP-01

HTML & CSS
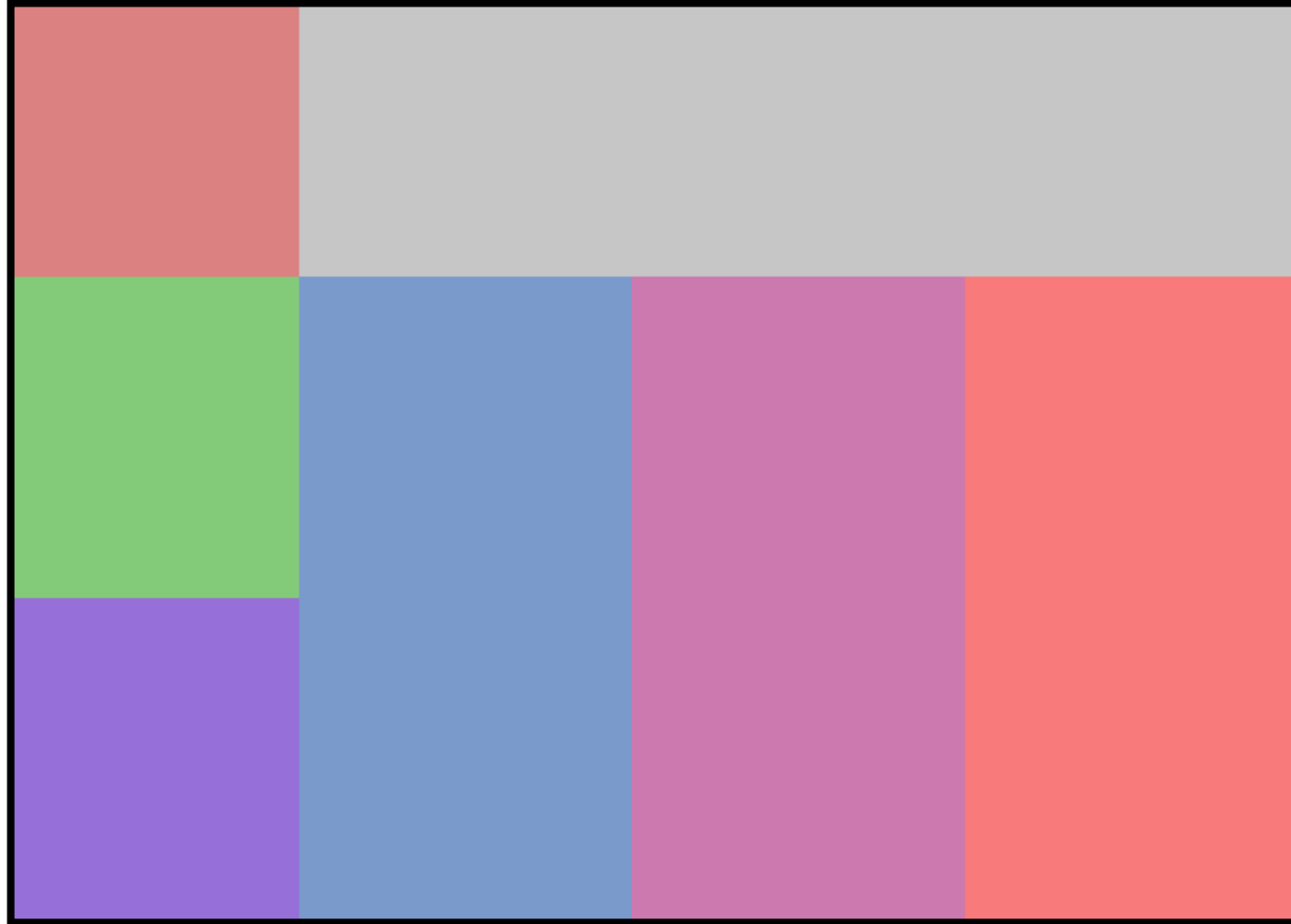
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Ex1. Basic Layout

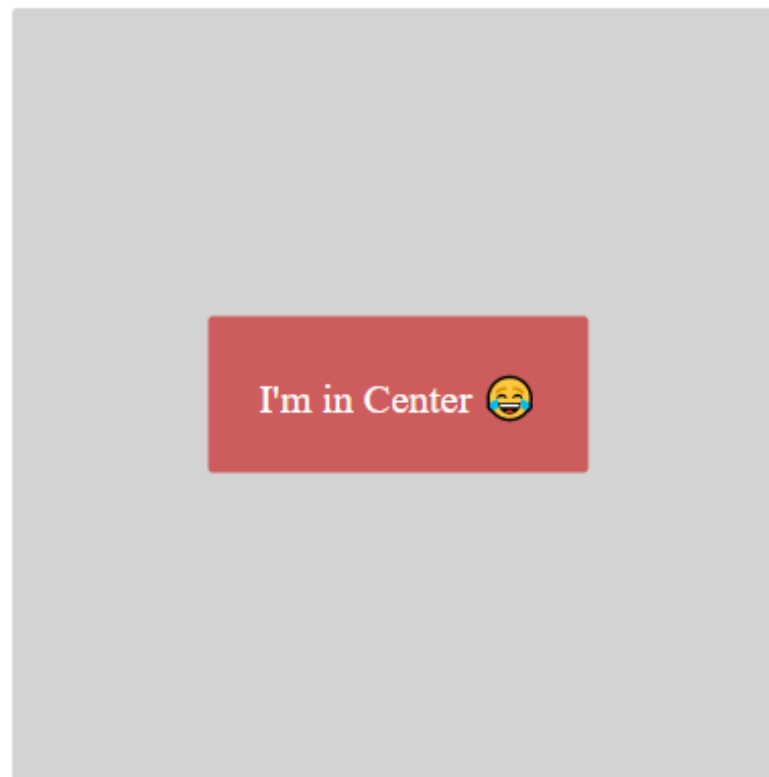# Ex2. Centering a "div" in a container

➢ With "**position**" property

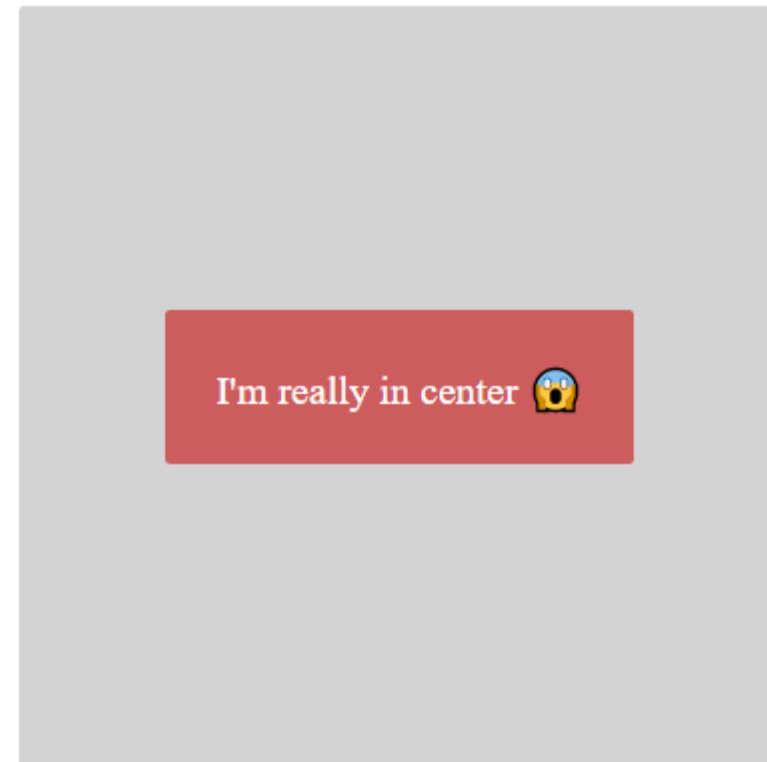```
<body>
  <div class="wrapper">
    <div class="flying-box">
      I'm in Center 😂
    </div>
  </div>
</body>
```

I'm in Center 😂

# Ex3. Centering a "div" in a container

➢ With "**display:flex**" property

```
<body>
  <div class="wrapper">
    <div class="flying-box">
      I'm really in center 😱
    </div>
  </div>
</body>
```

I'm really in center 😱

Ex4. Column and Row

➢ With "**display:flex**" property

```html
<body>
  <div class="row-wrapper">
    <div class="column-wrapper">
      <div class="box">🤪</div>
      <div class="box">😜</div>
      <div class="box">😊</div>
    </div>
    <div class="column-wrapper">
      <div class="box">🤪</div>
      <div class="box">😜</div>
      <div class="box">😊</div>
    </div>
    <div class="column-wrapper">
      <div class="box">🤪</div>
      <div class="box">😜</div>
      <div class="box">😊</div>
    </div>
    <div class="column-wrapper">
      <div class="box">🤪</div>
      <div class="box">😜</div>
    </div>
  </div>
</body>
```


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Ex5. Column and Row

➢ With "**display:grid**" property

```html
<body>
  <div class="grid">
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
    <div class="box">😎</div>
  </div>
</body>
```
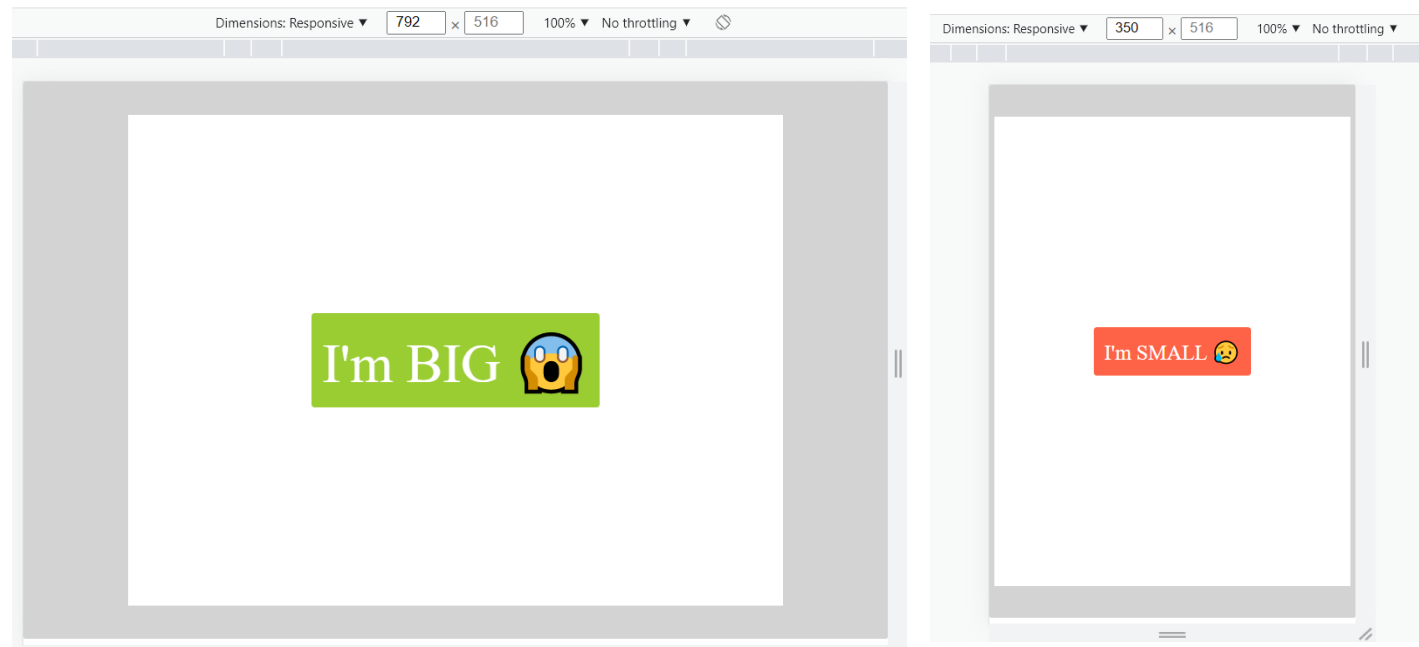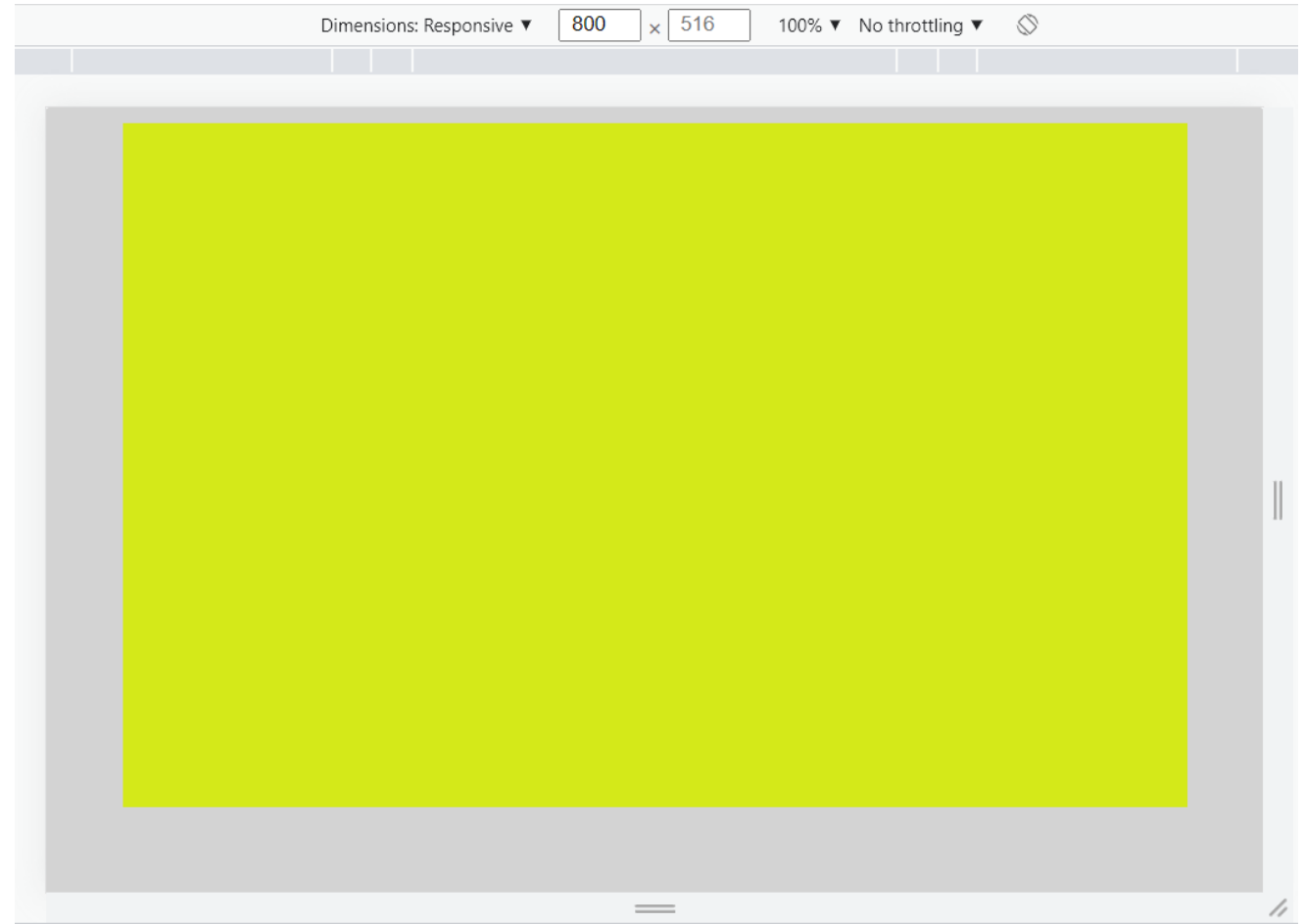
Ex6. Responsive

➢ With "**@media only screen**" property

```
<body>
  <div class="wrapper">
    <div class="content">
      <span class="small">I'm SMALL 😦</span>
      <span class="big">I'm BIG 😱</span>
    </div>
  </div>
</body>
```

Dimensions: Responsive ▼ 792 × 516 100% ▼ No throttling ▼

I'm BIG 😱

Dimensions: Responsive ▼ 350 × 516 100% ▼ No throttling ▼

I'm SMALL 😦

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Ex7. Responsive

➢ With "**clamp**" property

```
/* Width: Never smaller than 300px */
/* In between width: 100% */
/* Width: Never bigger than 800px */
```
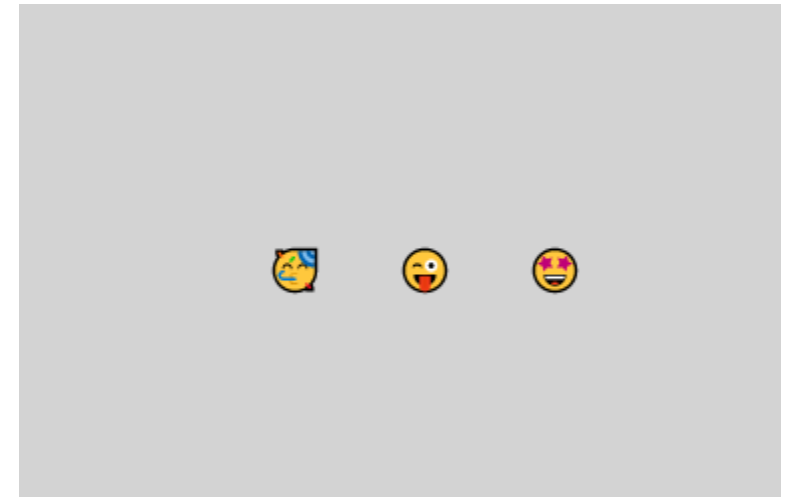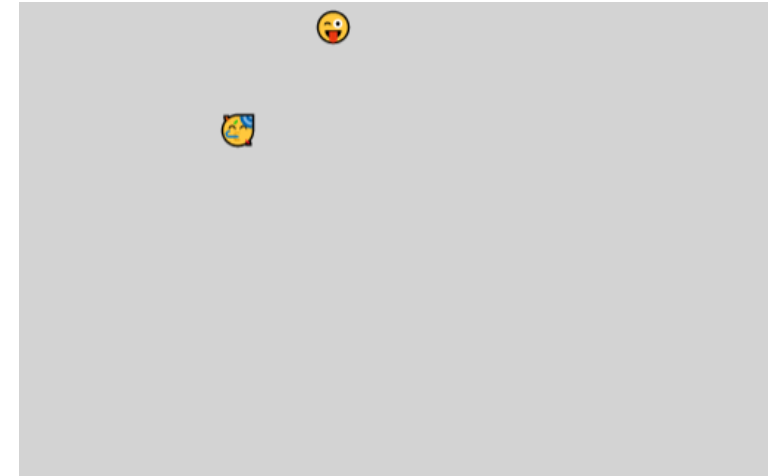
```html
<body>
  <div class="wrapper">
    <div class="content">
    </div>
  </div>
</body>
```
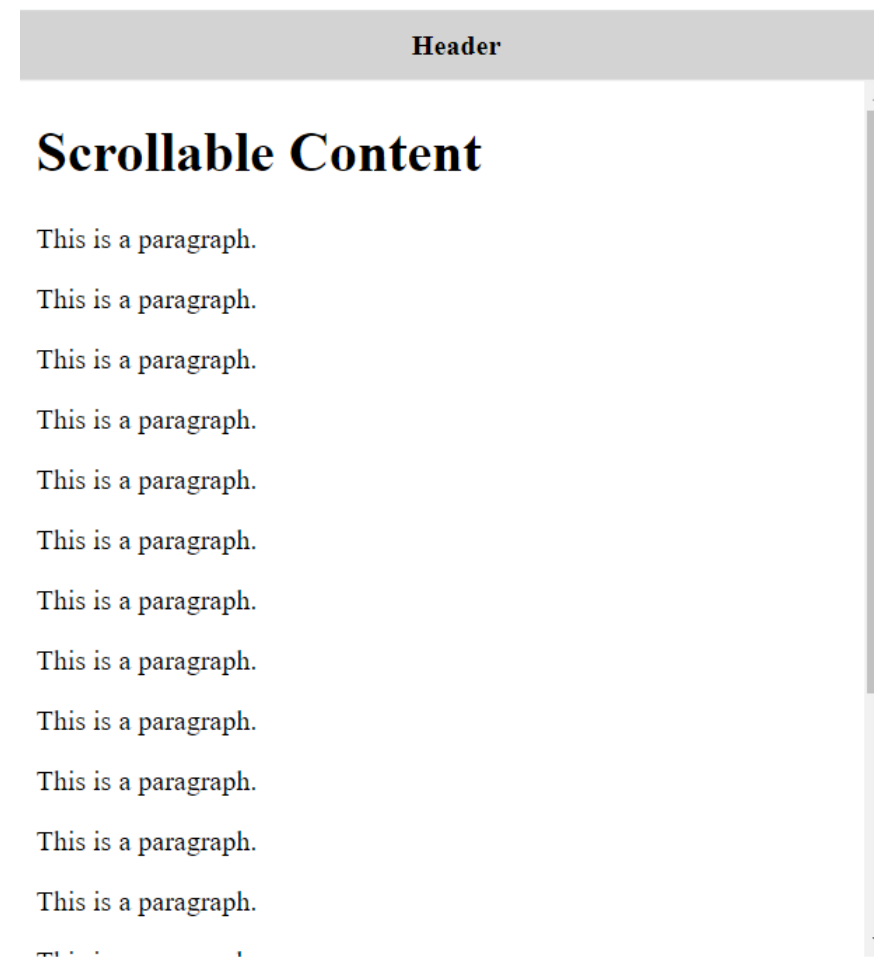
Ex8. Animation & variable

```html
<body>
  <div class="wrapper">
    <span class="drop" style="--order: 1" >🥵</span>
    <span class="drop" style="--order: 2">😛</span>
    <span class="drop" style="--order: 3">🤩</span>
  </div>
</body>
```

Ex9. Scrollable content
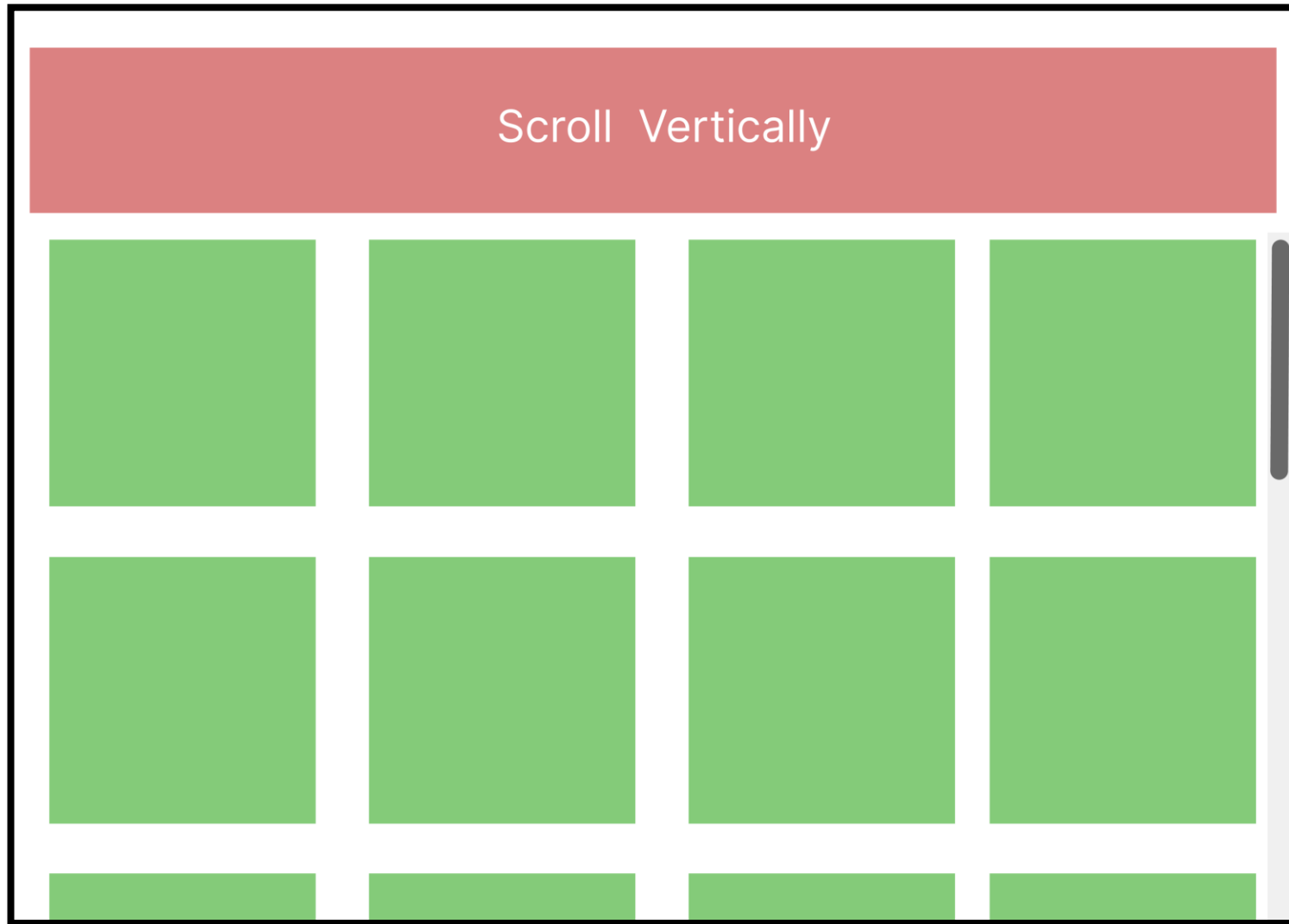
```
<body>
  <div class="container">
    <div class="header">
      Header
    </div>
    <div class="content">
      <h1>Scrollable Content</h1>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
      <p>This is a paragraph.</p>
    </div>
  </div>
</body>
```
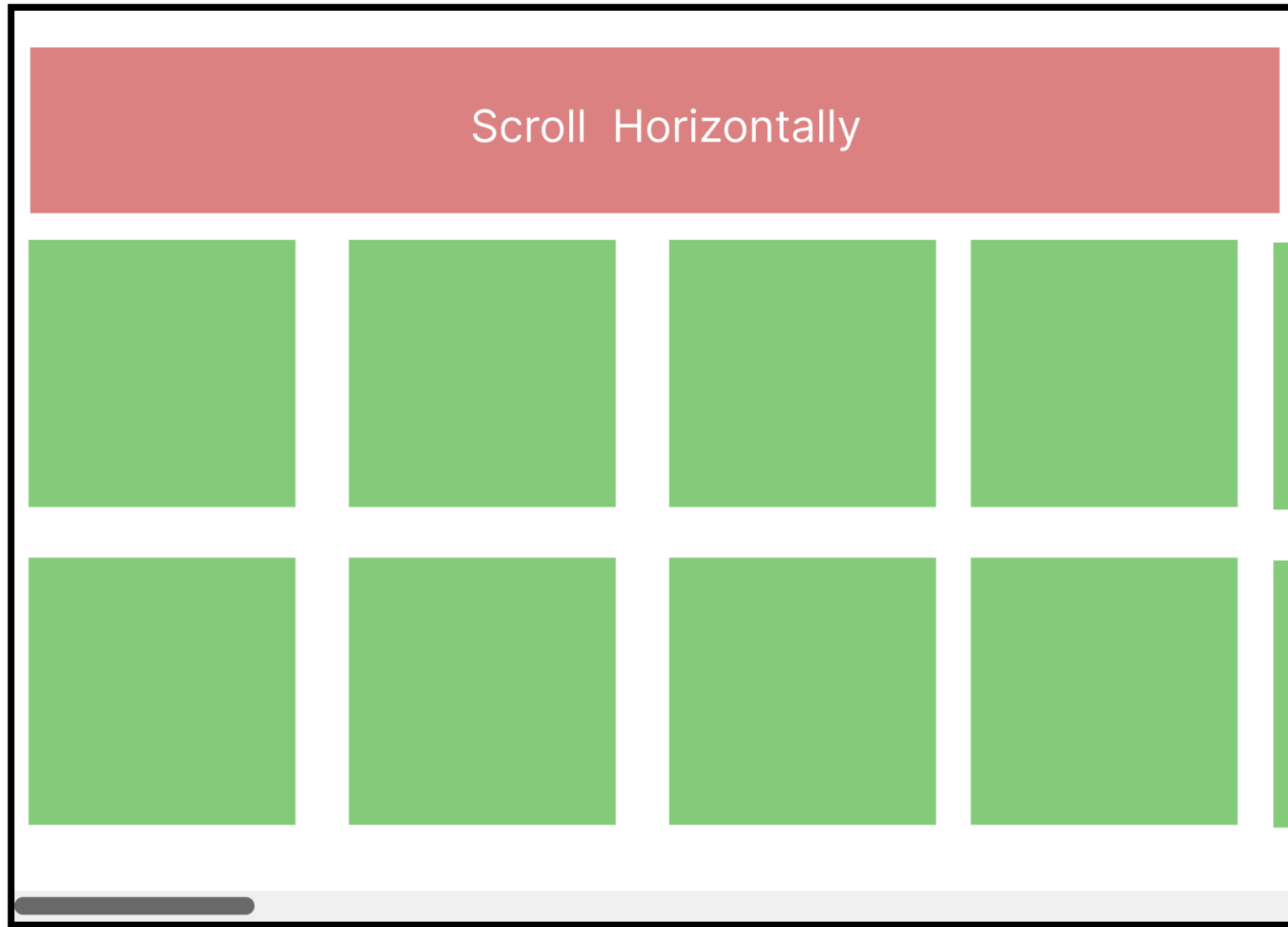
Header

Scrollable Content

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

This is a paragraph.

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Ex10. Scrollable content

Ex11. Scrollable content

Ex12. Scrollable content

More about CSS

Framework

Auto-prefixer

A tool for transforming CSS
with JavaScript

https://postcss.org/

More about CSS

Pre-processor

Sass

Stylus

Less


```
$linkcolour: #f60;

a {
color: $linkcolour;
}
.headers{
color: $linkcolour;
}
```

```
@linkcolour: #f60;

a {
color: @linkcolour;
}
.headers{
color: @linkcolour;
}
```

PREPROCESSOR

Output - **CSS**

```
a {
   color: #f60;
}
.headers{
   color: #f60;
}
```

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