Gallery Layout.

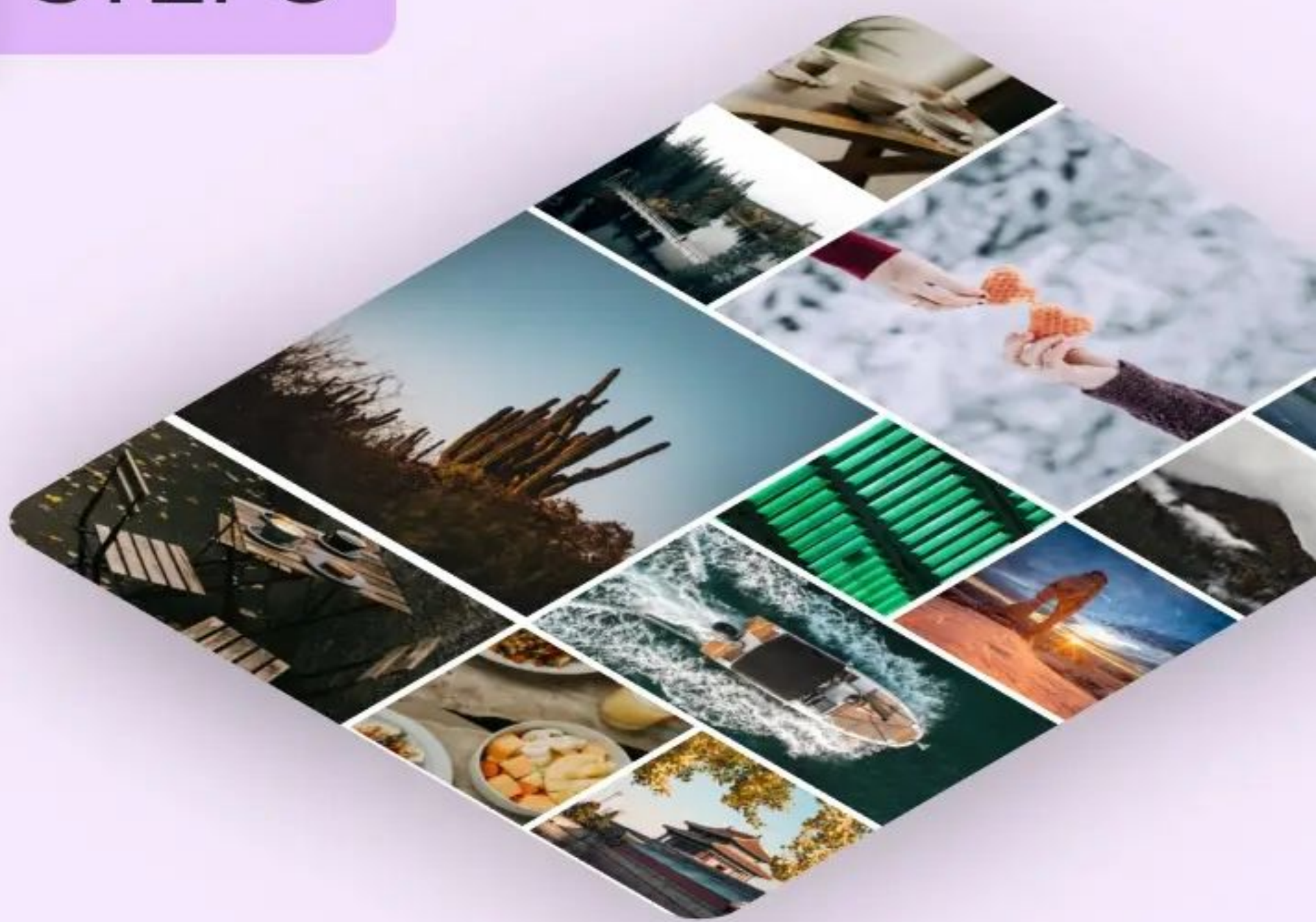## using CSS Grids
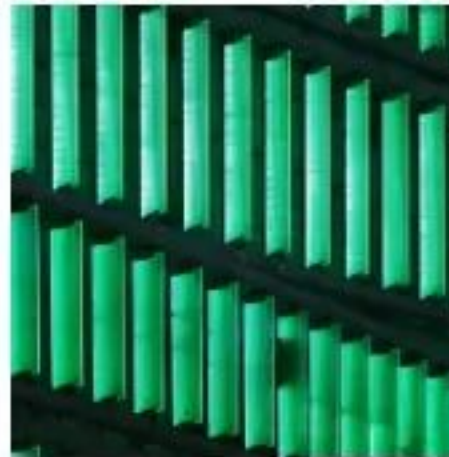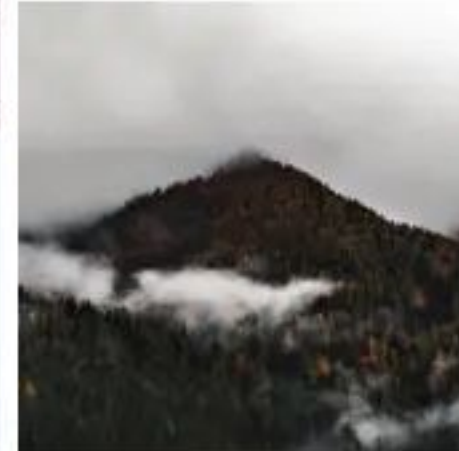
IN 5 STEPS

What we are going to build:

1 Create a Grid container.

Use the required number of columns you want

```html
<div class="gallery">
</div>
```

```css
.gallery {
  display: grid;
  grid-template-columns: repeat(4, 1fr);
}
```

2 Place images in HTML.

```html
<div class="gallery">
  <img src="img1.png" alt="..." />
  <img src="img2.png" alt="..." />
  <img src="img3.png" alt="..." />
  <!-- ... -->
</div>
```

```css
.gallery > img {
  width: 100%;
  object-fit: cover;
}
```

3 Create helper classes.

```css
.gallery > .img-1x1 {
  grid-column-end: span 1;
  grid-row-end: span 1;
  aspect-ratio: 1 / 1;
}

.gallery > .img-2x2 {
  grid-column-end: span 2;
  grid-row-end: span 2;
  aspect-ratio: 1 / 1; /* or 2 / 2 */
}

.gallery > .img-2x1 {
  grid-column-end: span 2;
  grid-row-end: span 1;
  aspect-ratio: 2 / 1;
}
```

4 Use helper classes.

Use them randomly or as required

```html
<div class="gallery">
  <img src=".." class="img-1x1" alt=".."/>
  <img src=".." class="img-1x1" alt=".."/>
  <img src=".." class="img-2x2" alt=".."/>
  <img src=".." class="img-1x1" alt=".."/>
  <img src=".." class="img-2x1" alt=".."/>
  <!-- ... -->
</div>
```

5 Enable dense auto flow.

This enables the smaller elements in the grid to come forward and fill any gaps

```css
.gallery {
  /* ... */
  grid-auto-flow: dense;
}
```
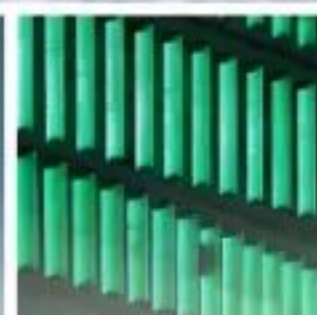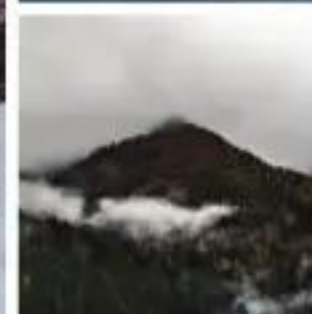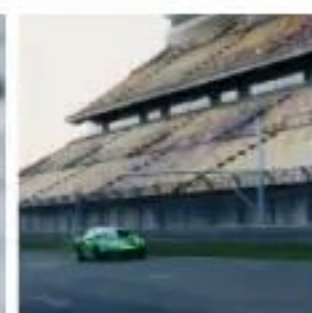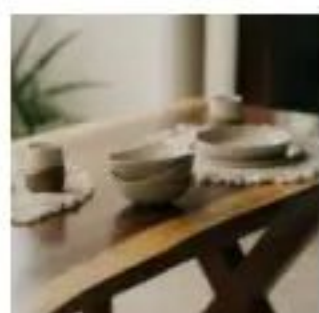
Without dense flow:

empty

empty

With dense flow:

Thanks for reading!

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