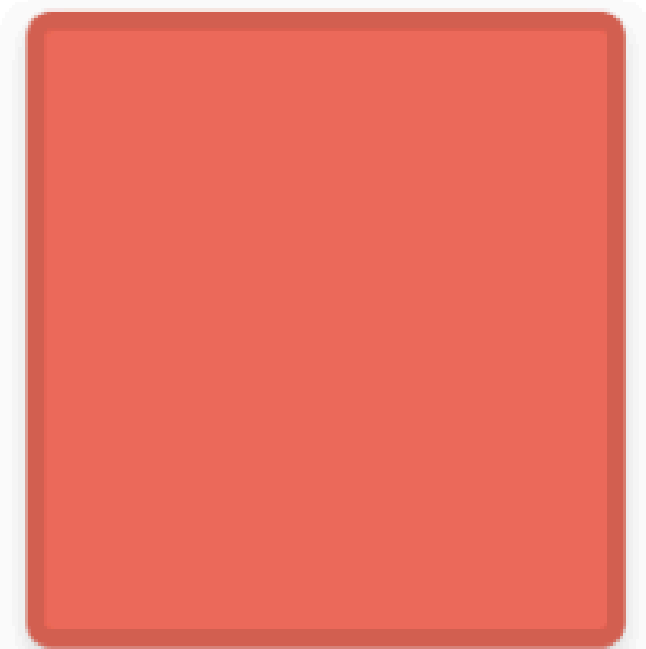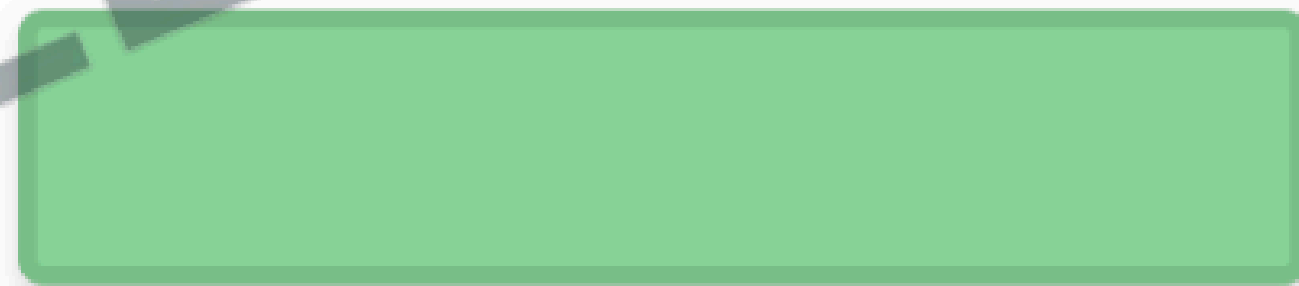# 37. Grid

Flexbox
One-dimensional layout

Grid
Multi-dimensional layout

37. Grid

```css
.container {
    display: grid;
    grid-template-columns: 50px 50px;
    grid-template-rows: 50px 50px;
}

.item1 {
    grid-column: 1 / 2;
    grid-row: 1 / 2;
    background-color: lightblue;
}

.item2 {
    grid-column: 2 / 2;
    grid-row: 1 / 2;
    background-color: lightgreen;
}

.item3 {
    grid-column: 1 / 2;
    grid-row: 2 / 2;
    background-color: lightpink;
}

.item4 {
    grid-column: 2 / 2;
    grid-row: 2 / 2;
    background-color: lightyellow;
}
```
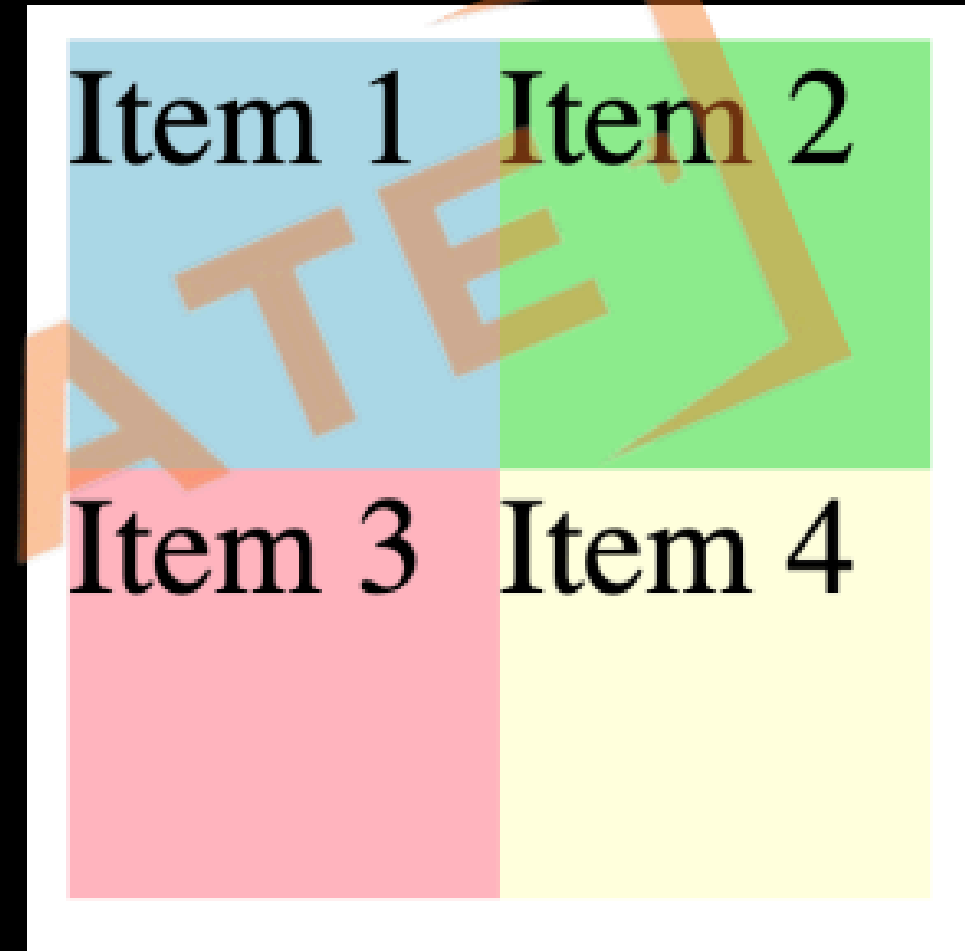
```html
<div class="container">
  <div class="item1">Item 1</div>
  <div class="item2">Item 2</div>
  <div class="item3">Item 3</div>
  <div class="item4">Item 4</div>
</div>
```


- 2D layout system for rows & columns.
- Activate with display: grid;.
- Children become grid items.
- Define structure with grid-template properties.
- Individual units called grid cells.