Front-end development

Front-end development – les 5

INLINE VS BLOCK

- block: start op nieuwe regel
- inline: start eender waar op de huidige lijn

STYLING - GRADIENTS
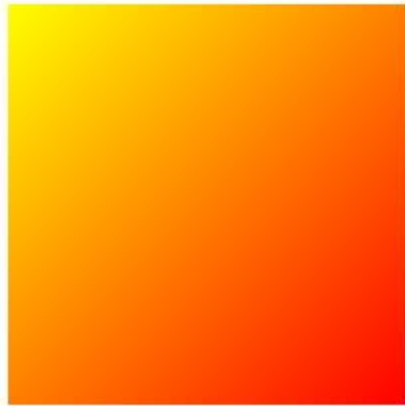
Linear gradient   **Radial gradient**   **Conic gradient**
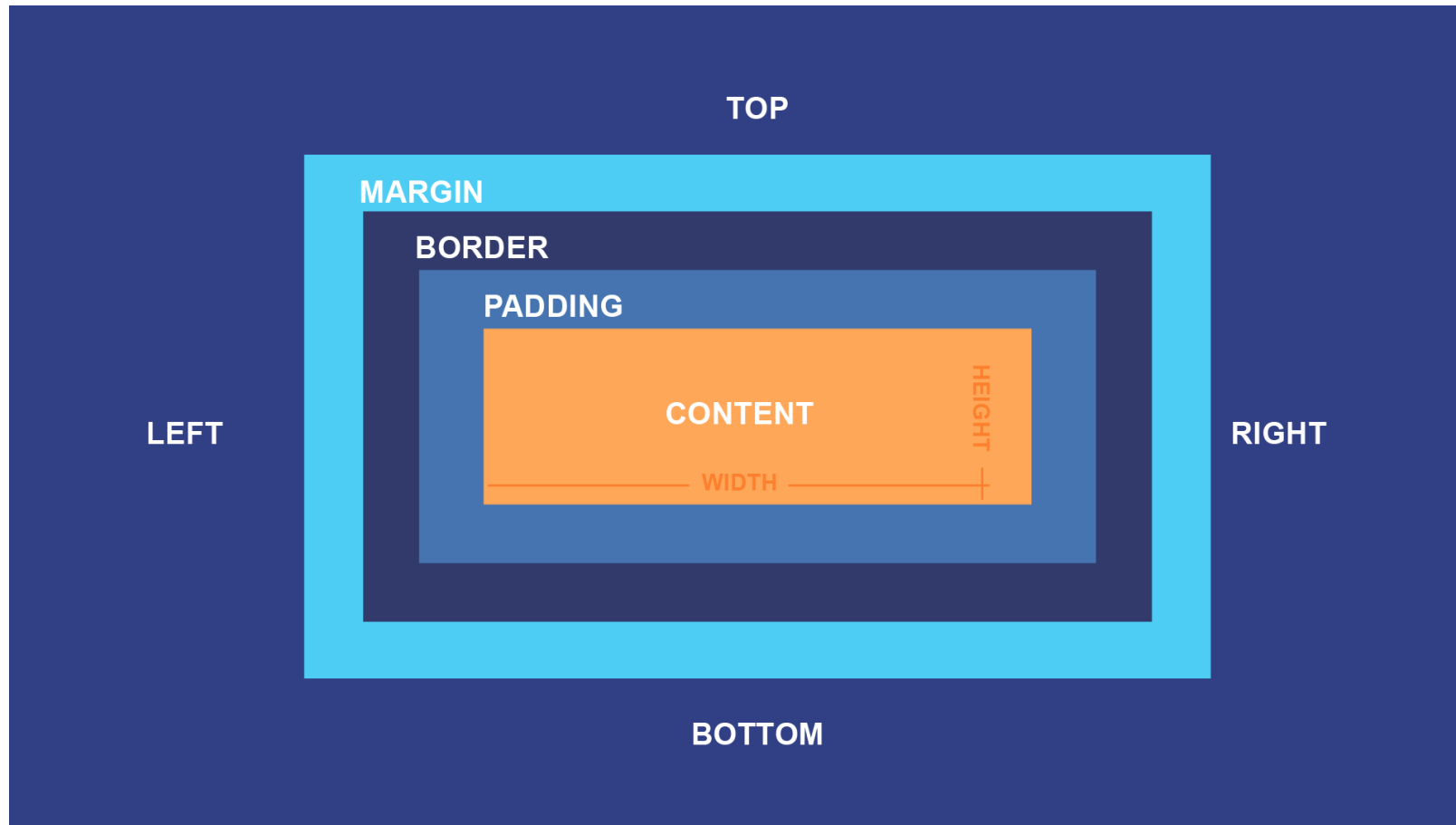
```
background: linear-gradient(to bottom right, ⬜yellow, 🟥red);

background: radial-gradient(⬜yellow, 🟥red);

background: conic-gradient(⬜yellow, 🟥red);
```
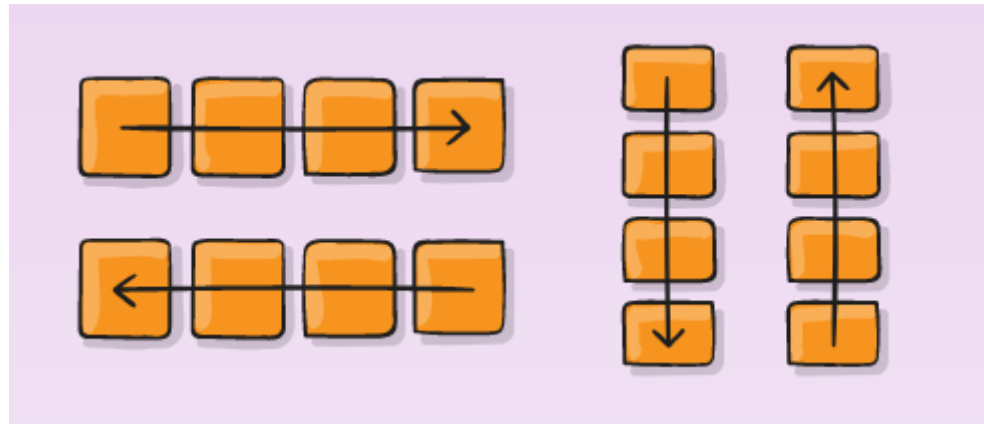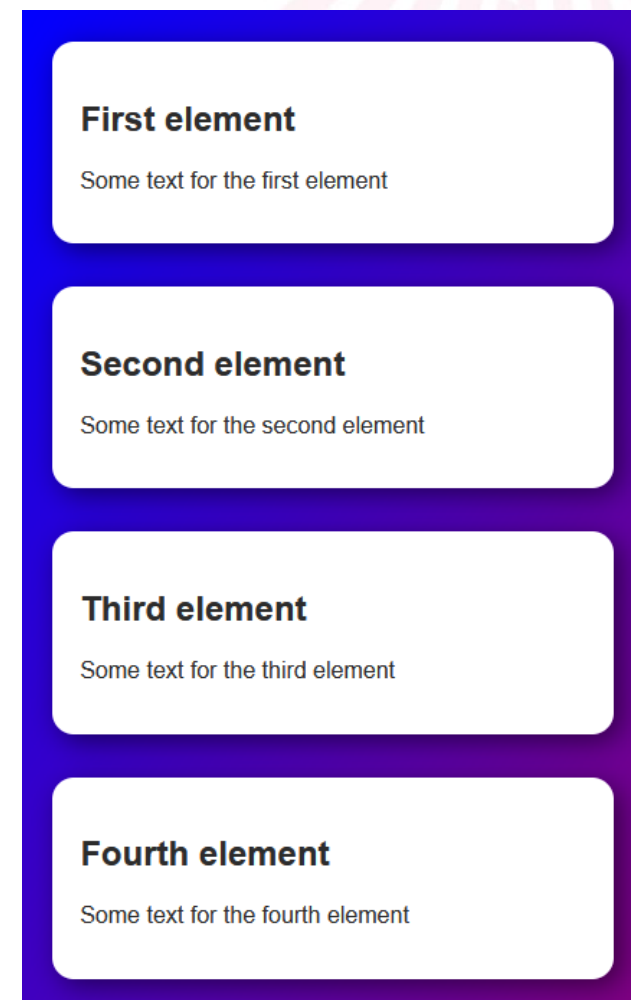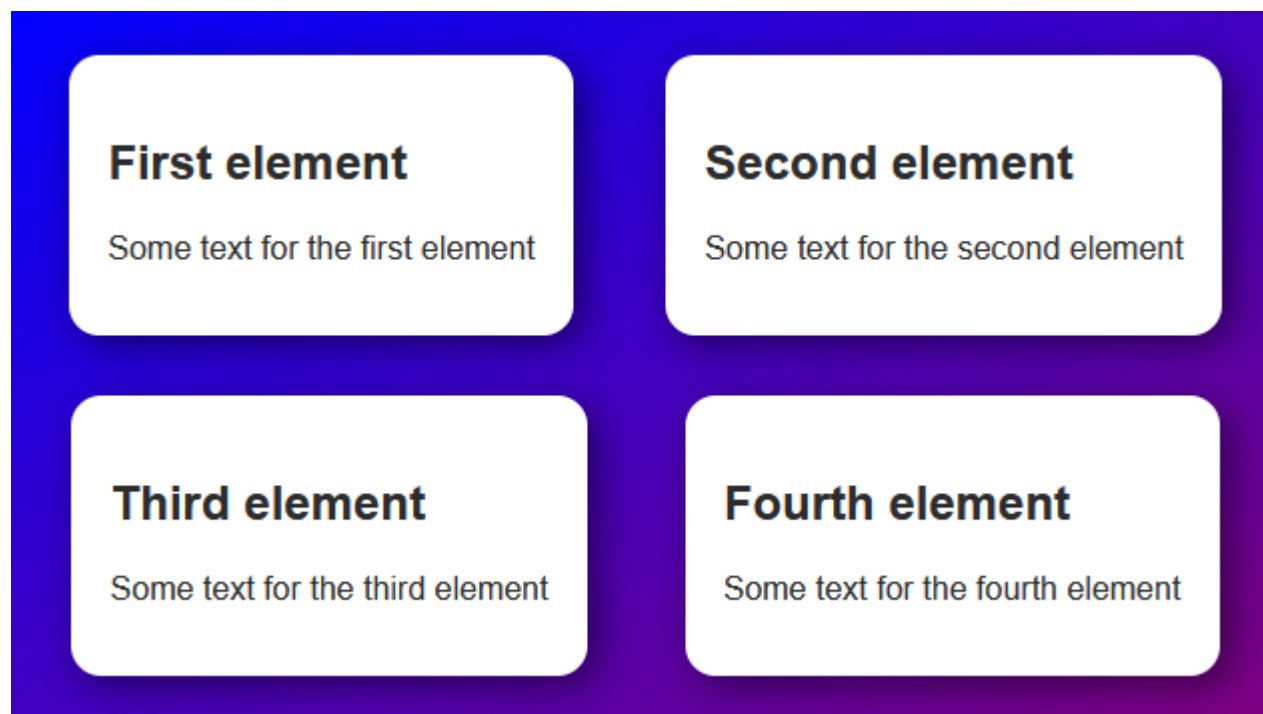
BOX MODEL

HERHALING – FLEXBOX

- display: flex

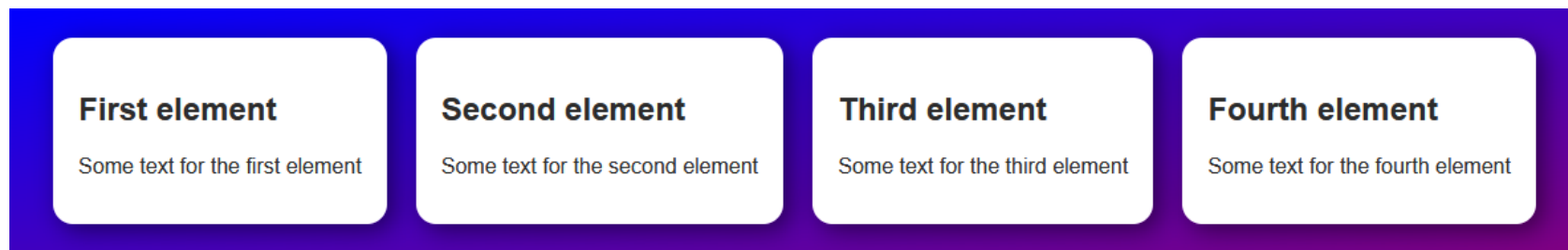https://css-tricks.com/snippets/css/a-guide-to-flexbox/

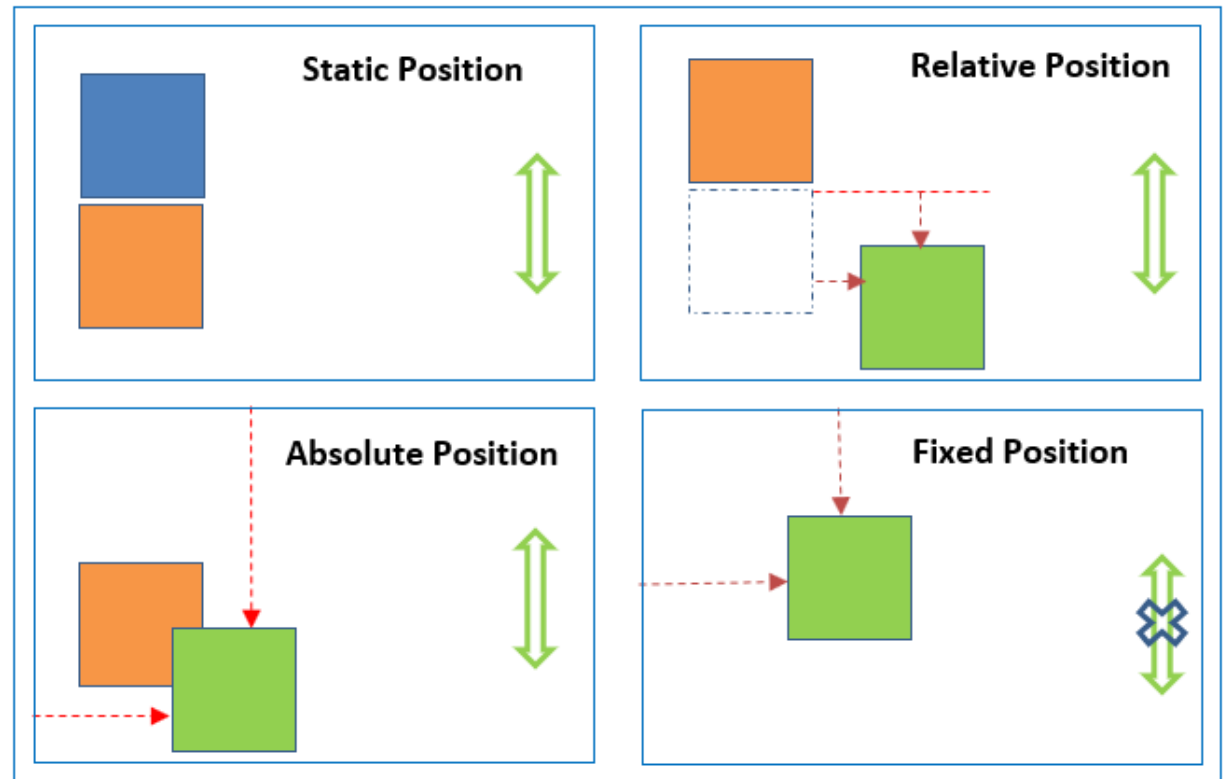https://www.w3schools.com/cssref/tryit.asp?filename=trycss3_flex-grow

STYLING – FLEXBOX

HERHALING – KLASSIKAAL FLEXBOX
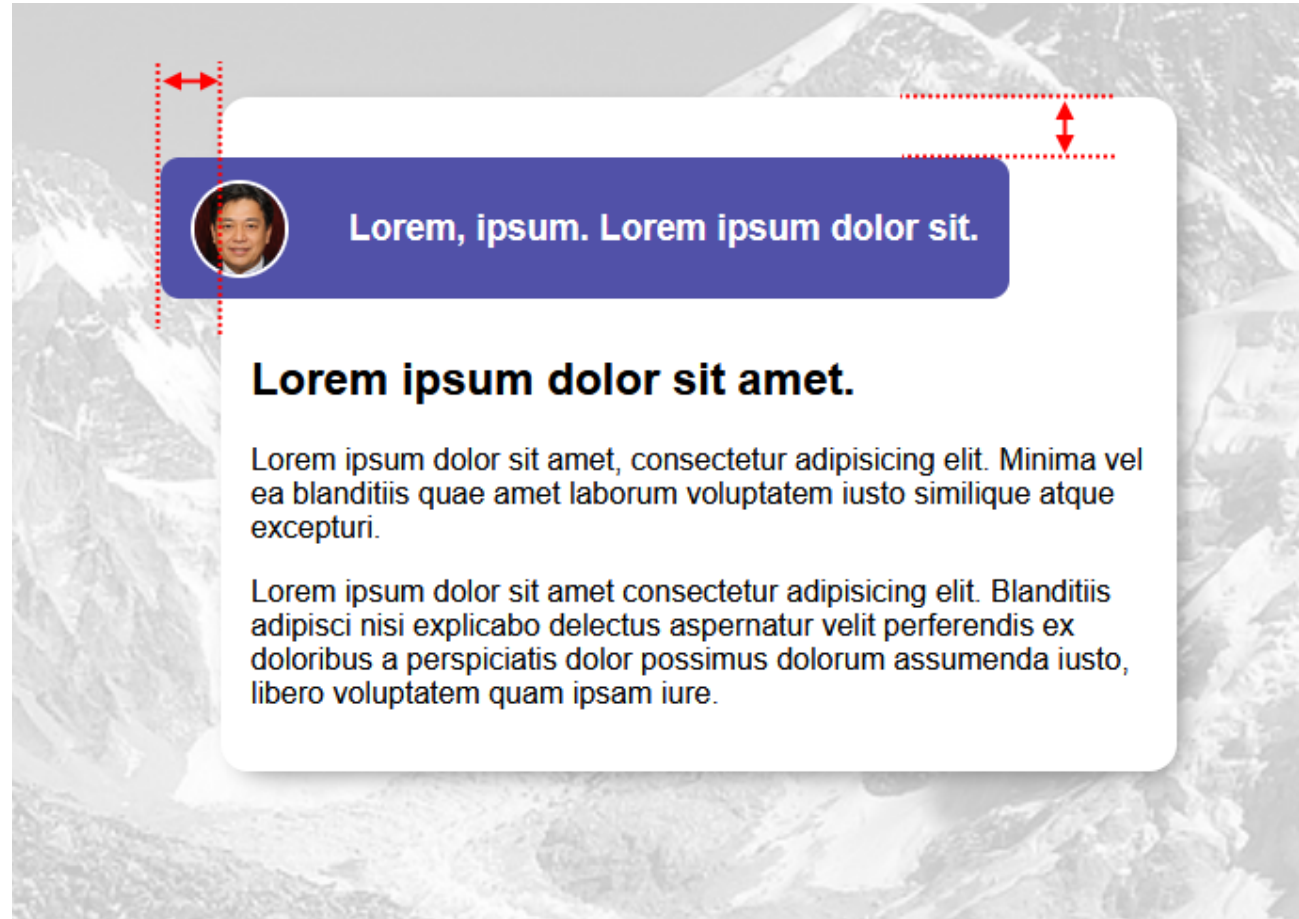
POSITIONING

- position: relative;
- position: absolute;

POSITIONING

POSITIONING
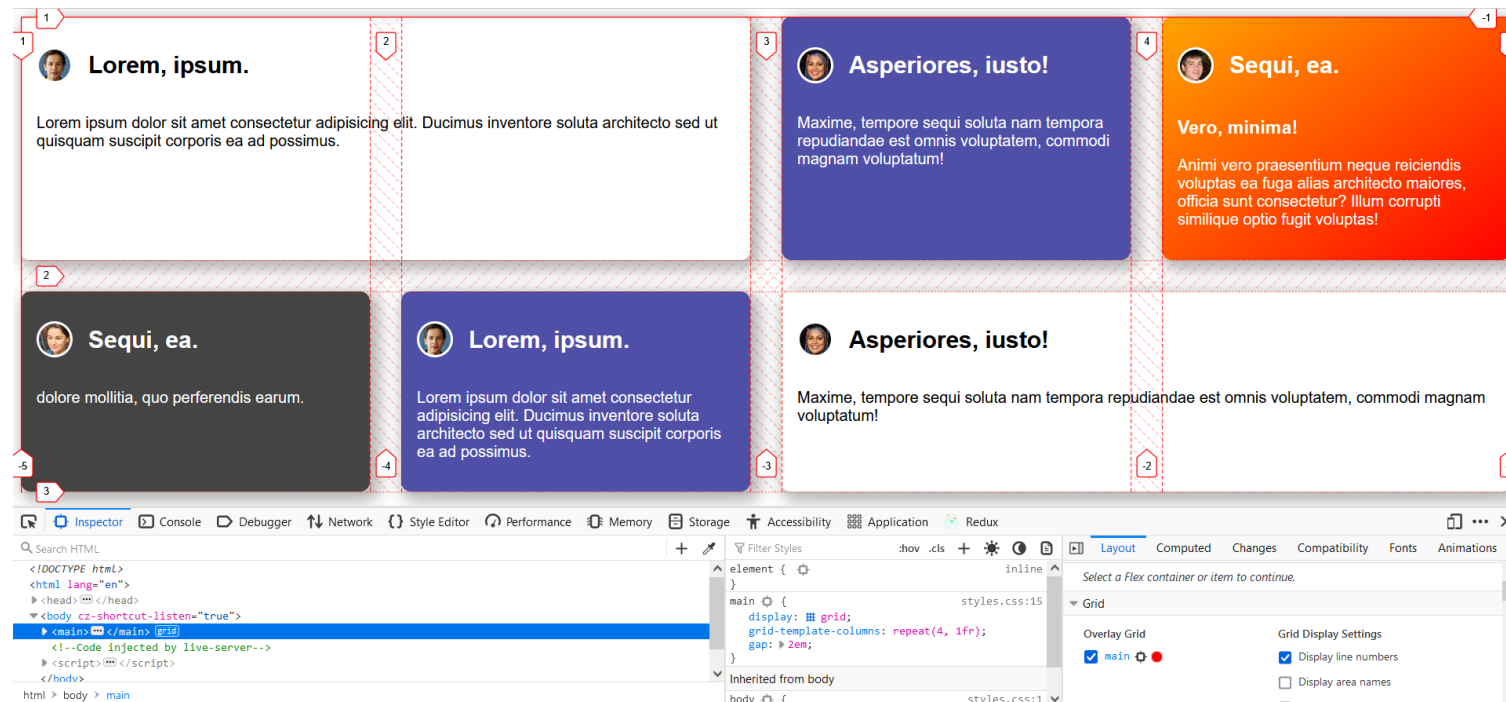
POSITIONING - KLASSIKAAL

GRID

- display: grid;
- grid-template-column: 1fr 1fr 1fr | repeat(3, 1fr)
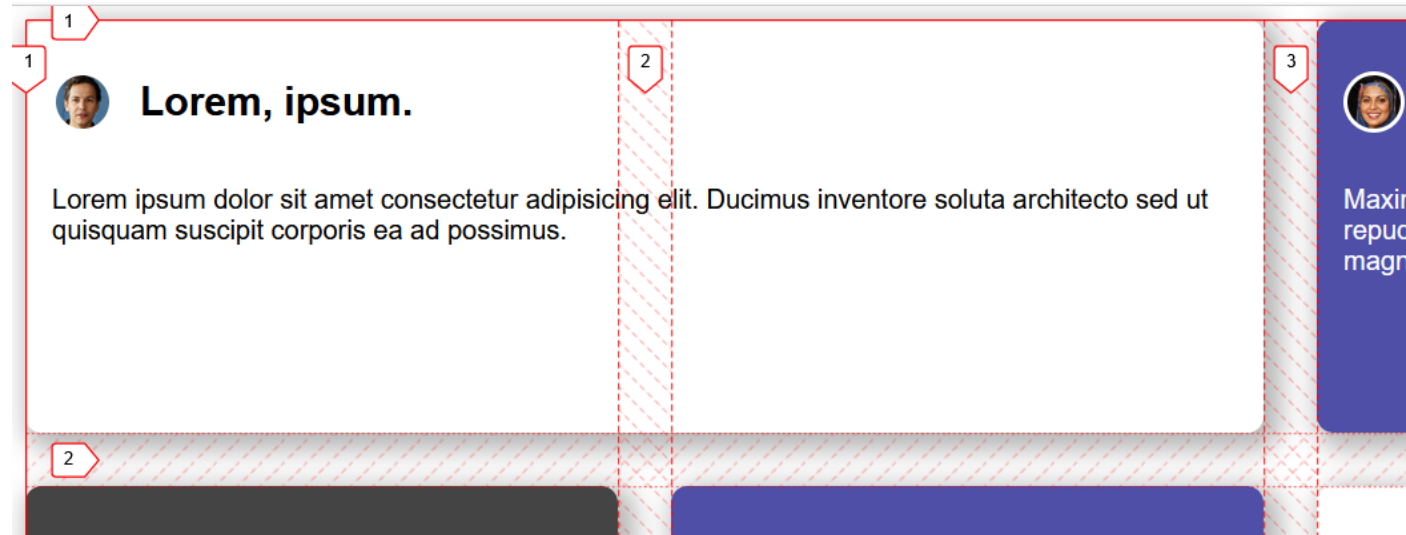
GRID - COLUMNS

- grid-column: span 2

OR

- grid-column-start: 2
- grid-column-end: 4

GRID - STEPS

1. display: grid;
2. gap: 1.5em;
3. grid-template-columns: repeat(4, 1fr);
4. Style individual grid items
   1. grid-column (grid-column-start, grid-column-end)
   2. grid-row (grid-row-start, grid-row-end)

GRID – SPECIAL STUFF

- -1?
- [column-name]?
- span -> meerdere kolommen of rijen

```css
main {
  display: grid;
  grid-template-columns: [col1] 1fr [col2] 1fr [col3] 1fr [col4] 1fr [col5];
  gap: 2em;
}

article:nth-of-type(2) {
  grid-column: col2 / col4;
}
```

GRID - OEFENING

https://webontwerp.ucll.be/frontend-exercises/exercises/lab6/gallery/grid.html

RESPONSIVE WEB DESIGN

```
@media (max-width: 40em) {
  main {
    grid-template-columns: 1fr;
  }
}
```

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Vero, minima!

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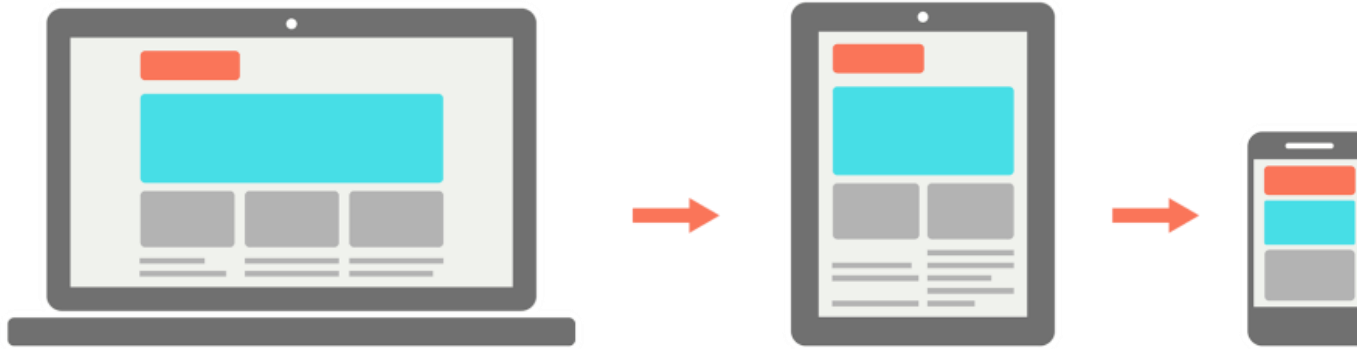
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RWD – CSS FUNCTIONS

- min(20em, 25%)
- max(20em, 25%)
- clamp()
- calc()

RWD – MOBILE FIRST

Responsive Web Design

Mobile First Web Design