hogeschool vives

Labo 8

opleidingsonderdeel **Web Development 1**

studiegebied **handelswetenschappen en bedrijfskunde**

Bachelor in de **toegepaste informatica**

campus **Kortrijk**

Seppe Vuylsteke

Groep: **1TIc**

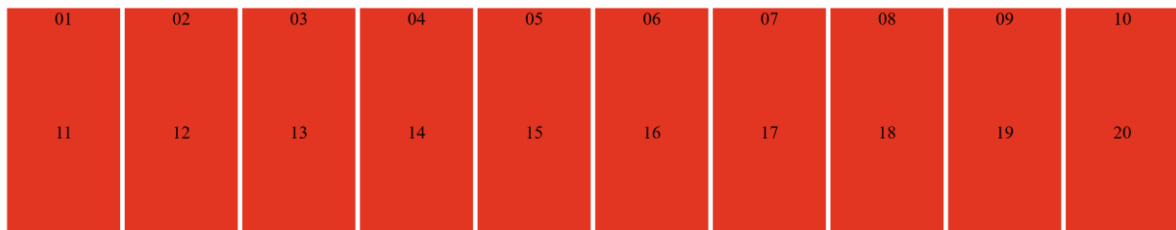docent: **Pim Debaere**

academiejaar **2025-2026**

Opdracht 1:

```
display:block;
```

01
02
03
04

```
display:inline;
```

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20

```
display:inline-block;
```

01	02	03	04	05	06	07	08	09	10
11	12	13	14	15	16	17	18	19	20

Voor welke waarden worden de opgegeven width en height genegeerd?

Bij de waarde inline worden de width en height genegeerd.
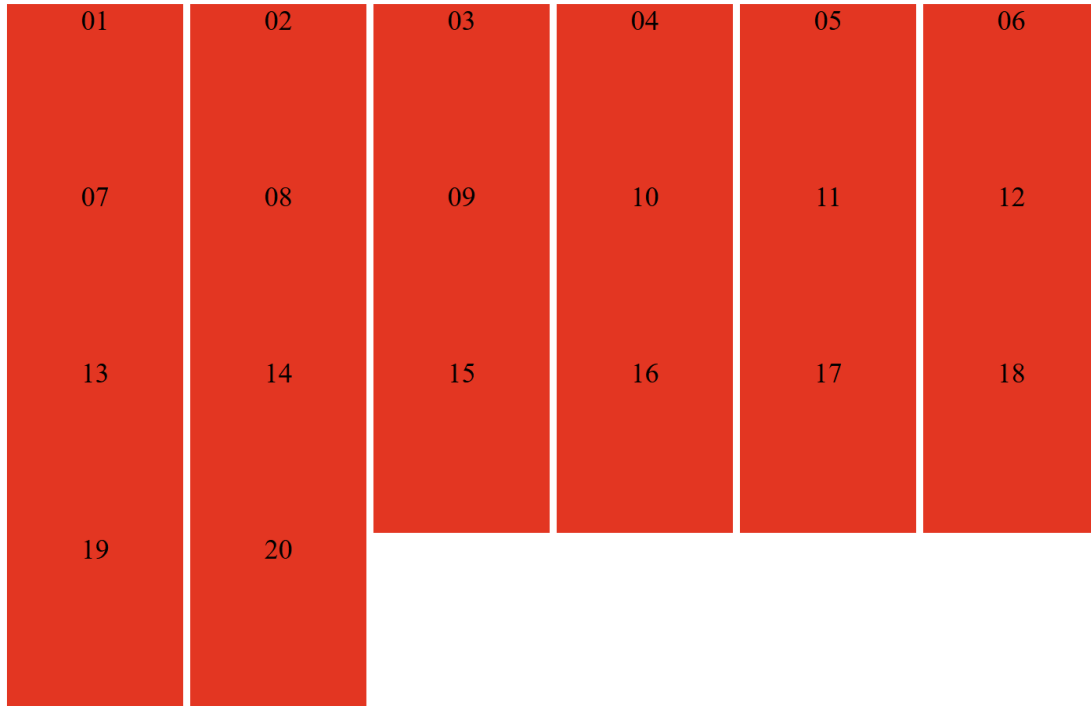
Voor welke waarden worden de elementen als woorden op een pagina gezet?

Dit is bij de waarden inline en bij de waarde inline-block.

Opdracht 2:

```
display:inline-block;
```
Inline-block elementen geven alle witruimtes weer in de vorm van een spatie.

Opdracht 3:

De tekst staat horizontaal gecentreerd door:

```
div {
    text-align:center;
}
```

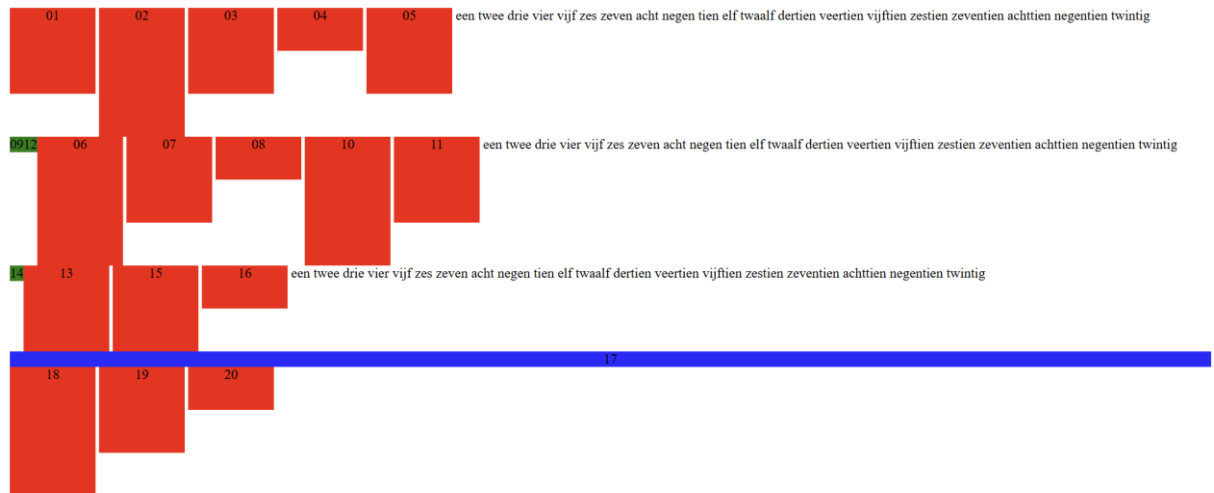```
vertical-align:middle;
```
werkt niet want het moet

```
vertical-align:middle;
```
zijn.

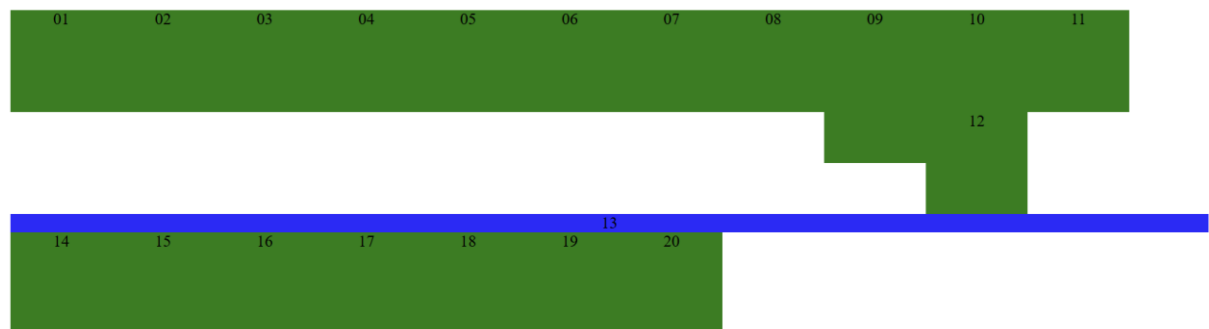Vertical-align zorgt er voor dat de blokjes verticaal gecentreerd worden.

Voor één regel tekst kun je verticale centrering bereiken door line-height gelijk te maken aan de hoogte van het element. Voor meerdere regels wordt vaak de table-cell truc gebruikt met display: table en vertical-align: middle.

De .tall class staat lager dan de .area. Hoe lager het staat in de je css bestand hoe hoger de prioriteit.

# Opdracht 4:

| 01 | 02 | 03 | 04 | 05 | een twee drie vier vijf zes zeven acht negen tien elf twaalf dertien veertien vijftien zestien zeventien achttien negentien twintig |

| 0912 | 06 | 07 | 08 | 10 | 11 | een twee drie vier vijf zes zeven acht negen tien elf twaalf dertien veertien vijftien zestien zeventien achttien negentien twintig |

| 14 | 13 | 15 | 16 | een twee drie vier vijf zes zeven acht negen tien elf twaalf dertien veertien vijftien zestien zeventien achttien negentien twintig |

| 17 |

| 18 | 19 | 20 |

# Opdracht 5:

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 |

| 12 |

| 13 |

| 14 | 15 | 16 | 17 | 18 | 19 | 20 |

# Opdracht Lorem Ipsum:

De kolommen staan onder elkaar omdat <section> standaard block-elementen zijn die op een nieuwe regel beginnen. Alleen width: 50% is niet genoeg, je moet ook display: inline-block of een layout zoals flex gebruiken om ze naast elkaar te zetten.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. In suscipit ex et nisl venenatis, placerat luctus sem porta. Donec nec fermentum augue. Vestibulum sagittis porta volutpat. In ac iaculis velit. Aliquam varius nunc eu lacus placerat, quis facilisis velit scelerisque. Etiam vulputate dui nec risus efficitur, nec ultrices turpis tincidunt. Nullam euismod nisi in fringilla blandit. Vivamus rhoncus risus dolor, in tempus dolor commodo vestibulum. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae; Phasellus vitae egestas nibh, ac tempor quam. Proin vitae ipsum quis est malesuada tristique. Donec viverra, nisl tincidunt fermentum sagittis, massa diam imperdiet leo, a sodales felis nisi vitae orci. Fusce non ipsum dui. Vivamus eget congue velit. Nulla a elit vitae nulla tempor tempus. Maecenas pellentesque purus quis orci rutrum tincidunt. Suspendisse quis quam bibendum, placerat metus sit amet, molestie enim. In ac dolor est. Pellentesque sodales erat in cursus viverra. Aenean placerat ut mi at lobortis. Phasellus eget varius velit. Nulla varius ex eget ex malesuada, quis finibus arcu sagittis. Aliquam luctus ipsum erat, non rutrum odio pulvinar vel. Nulla feugiat faucibus euismod. Vestibulum nec scelerisque odio. Sed quis convallis neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Praesent sed pretium justo, quis sodales lorem. Quisque gravida urna ac augue scelerisque, eu pulvinar enim hendrerit. Nullam nec justo id augue convallis sempe Morbi non mauris at erat malesuada volutpat ultricies at lacus. Nunc in risus hendrerit, consectetur risus et, condimentum libero. Duis lectus odio, rhoncus vitae egestas at, faucibus non nunc. Fusce enim lorem, maximus id erat a, lobortis suscipit ante. Suspendisse odio dolor, feugiat sed tellus quis, malesuada mollis felis. Integer magna velit, auctor ac ultrices ac, consectetur nec justo. Nulla eu mattis purus, quis rhoncus tellus. Nam eget viverra mauris. Duis aliquam mauris felis, quis egestas arcu elementum eu. Aliquam molestie vehicula mauris sed pharetra. Etiam sit amet metus in justo congue hendrerit. In viverra id felis vitae euismod. Sed in velit ligula. Nam ante arcu, imperdiet at erat vel, aliquam pellentesque diam. Donec varius mauris quis libero efficitur, bibendum efficitur nisi cursus. Sed sit amet nisi rutrum, lobortis quam id, congue libero. Fusce et ipsum ligula. Nulla diam est, elementum ac nulla non, volutpat sodales tellus. Praesent sit amet orci ornare, viverra enim non, imperdiet orci. Interdum et malesuada fames ac ante ipsum primis in faucibus. Cras eu pharetra eros. Duis suscipit nisl vehicula ante pretium, quis semper purus ultrices. Suspendisse et sodales justo, vel malesuada velit. Proin maximus, mi at sollicitudin varius, mi velit sagittis magna, nec hendrerit diam justo a lorem. Nunc consequat lacus at felis lacinia vestibulum. In semper porta arcu quis accumsan. Donec ut cursus tortor, in tincidunt urna. Pellentesque metus odio, luctus id iaculis vel, convallis vel arcu. Vivamus at pulvinar eros. Cras quis ipsum vestibulum, porta sapien nec, imperdiet eros. Praesent aliquet semper justo. Mauris sodales dui dignissim, sollicitudin leo at, scelerisque lacus. Sed tincidunt nunc ex, a ullamcorper turpis imperdiet vel. Pellentesque tempus maximus nulla eget pulvinar. Pellentesque aliquet mi vitae lectus mollis, non cursus elit venenatis. Etiam iaculis elit sem, eu iaculis urna consectetur nec. Quisque aliquet erat ut nibh ornare eleifend. Nulla facilisi. Sed quis ex egestas, imperdiet ante in, imperdiet lectus. Curabitur rhoncus pellentesque ante quis placerat. Suspendisse pretium neque consequat ligula pellentesque, quis posuere mi facilisis. Phasellus mollis, nisi et euismod iaculis, erat dui dignissim magna, in rutrum erat dolor sit amet tortor. Donec sodales metus id dui tempor, sit amet dictum dolor interdum. Cras magna velit, malesuada nec imperdiet at, elementum non velit.

CSS

```
div {
    width: 50%;
    border: solid black 1px;
    box-sizing: border-box;
    margin-right: -4px;
    display: inline-block;
    padding: 10px
}
```

In de HTML code heb ik gebruik gemaakt van twee div elementen met daarin de tekst.

Opdracht Lorem Ipsum Extra Space:

CSS

```css
div {
    width: calc(50% - 40px);
    border: solid black 1px;
    box-sizing: border-box;
    display: inline-block;
    padding: 10px;
    margin: 0 10px;
}
```


Ik heb gebruik gemaakt van calc(50%-40px) om er voor te zorgen dat de twee blokken nog mooi naast elkaar staan. Van de 50% moeten er namelijk 40px afgenomen om rekening te houden met de marges en padding.

Opdracht Cocktail bar

HMTL

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Title</title>
</head>
<body>
<header>
    <p><img src="images/cocktails.png" alt="Cocktail Bar"/></p></header>
<div class="content">
    <article class="sidebar"><h1>Weekly Specials</h1>
        <p><img src="images/yellow.gif" alt="Lemon Breeze Elixir"/></p>
        <h2>Lemon Breeze</h2>
        <p> The ultimate healthy drink, this elixir combines herbal
botanicals, minerals, and vitamins with a twist of
        lemon into a smooth citrus wonder that will keep your immune
system going all day and all night. </p>
        <p><img src="images/chai.gif" alt="Chai Chiller Elixir"/></p>
        <h2>Chai Chiller</h2>
        <p> Not your traditional chai, this elixir mixes maté with chai
spices and adds an extra chocolate kick for a
        caffeinated taste sensation on ice. </p>
        <p><img src="images/black.gif" alt="Black Brain Brew Elixir"/></p>
```

```html
        <h2>Black Brain Brew</h2>
        <p> Want to boost your memory? Try our Black Brain Brew elixir,
made with black oolong tea and just a touch of
            espresso. Your brain will thank you for the boost. </p>
        <p> If you liked this article, you might also enjoy: <a
href="http://www.todayifoundout.com/index.php/2010/08/origin-of-the-term-
booze/" title="Booze">Where the
            Term "Booze" Comes From</a>. </p></article>
    <div class="main-content">
        <article><h1>ORIGIN OF THE WORD "COCKTAIL</h1>
            <p> There is debate about when the term was first used.
According the <a
href="http://www.telegraph.co.uk/luxury/travel/1256/the-surprising-history-
of-the-cocktail.html">The
                London Telegraph</a>, the word is first found in print in a
March 20, 1798 satirical newspaper article
                about what must have been a hell of a party. Of particular
note, was the account of drinks imbibed by
                William Pitt (the younger) which included "L'huile de
Venus," "parfait amour," and "'cock-tail (vulgarly
                called ginger.)'" Some challenge whether "cocktail" in this
article truly referred to an alcoholic
                drink, or something else. </p>
            <p> Others point to an April 28, 1803 article from The Farmer's
Cabinet in Vermont, where to drink a
                cocktail was claimed to be "excellent for the head." </p>
            <p id="guarantee"> Regardless, certainly by 1806, the word was
being used with its current meaning. In the
                May 13th edition of the newspaper, Balance and Columbian
Repository, the editor defined a cocktail as:
                <a href="http://www.chowhound.com/food-news/54845/whats-
the-origin-of-the-word-cocktail/">"a stimulating
                    liquor composed of spirits of any kind – sugar, water,
and bitters."</a></p>
            <p> During the early 17th century, an animal, particularly a
horse, with a docked tail, was said to have a
                "cock tail." By the 19th century, unlike other horses,
thoroughbreds did not have docked tails, so when
                a regular horse was entered into a race, its cock tail was
noted – and became a term synonymous with an
                adulterated horse. Since horse racing and liquor go
together like peaches and cream, this theory holds
                that the word "cock tail" was soon used to mean an
adulterated spirit. </p>
            <p> A second theory holds that the name is derived from the
term "cock tailings," the result of the practice
                of tavern owners combining the dregs (tailings) of nearly
empty barrels together into a single elixir
                that was sold at bargain prices. This only makes sense when
you know that the spigot of a barrel was
                sometimes referred to as a "cock." </p></article>
        <article><h2>What's playing at the Lounge</h2>
            <p> We're frequently asked about the music we play at the
lounge, and no wonder, it's great stuff. Just for
                you, we keep a list here on the site, updated weekly.
Enjoy. </p>
            <ul>
                <li><i>Buddha Bar</i>, <strong>Claude Challe</strong></li>
                <li>When It Falls,Zero 7</li>
```

```html
                <li>Earth 7, L.T.J. Bukem</li>
                <li>Le Roi Est Mort, Vive Le Roi!, Engima</li>
                <li>Music for Airports, Brian Eno</li>
            </ul>
        </article>
    </div>
</div>
<footer> &copy; 2015, Cocktail Bar<br/> All trademarks and registered
trademarks appearing on this site are the property
    of their respective owners.
</footer>
</body>
</html>
```

CSS

```css
body {
    font-family: Verdana, Helvetica, Arial, sans-serif;
    font-size: 1.2em;
    margin: 0 5% 5% 5%;
}

h1, h2 {
    color: #007e7e;
}

h1 {
    font-size: 1.8em; /*1.2 * 1.5*/
}

h2 {
    font-size: 1.56em; /*1.2 * 1.3*/
}

a {
    text-decoration: underline;
    color: inherit;
}

a:hover {
    text-decoration: underline;
    color: inherit;
}

.sidebar a:hover {
    color: brown;
}

header p img {
    width: auto;
    height: 300px;
    margin-top: 0;
}

.sidebar > h1 {
    color: black;
}

.sidebar > h2 {
    color: red;
```

```css
}

.content {
    overflow: hidden;
}

.main-content {
    float: left;
    width: calc(70% - 20px);
    margin: 10px;
}

.sidebar {
    float: right;
    width: calc(30% - 30px);
    margin: 10px;
    background: url('../images/cocktail.gif') repeat-x top center;
    background-size: 10% auto;
    padding: 5px;
}

p img {
    display: block;
    margin-left: auto;
    margin-right: auto;
}

.sidebar p, .sidebar h1, .sidebar h2 {
    text-align: center;
}

#guarantee {
    background-color: #a7cdce;
    color: #444444;
    padding: 20px;
    border: dotted white 2px;
}

#guarantee::before {
    content: "";
    display: block;
    float: left;
    background: url('../images/background.gif') no-repeat center center;
    width: 50px;
    height: 50px;
    background-size: cover;
}

footer {
    font-size: 0.5em;
}
```