



Web development 1 – Verslag Labo 11

Bachelor in de **toegepaste informatica**

campus **Kortrijk**

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academiejaar **2025-2026**

Opdracht 1

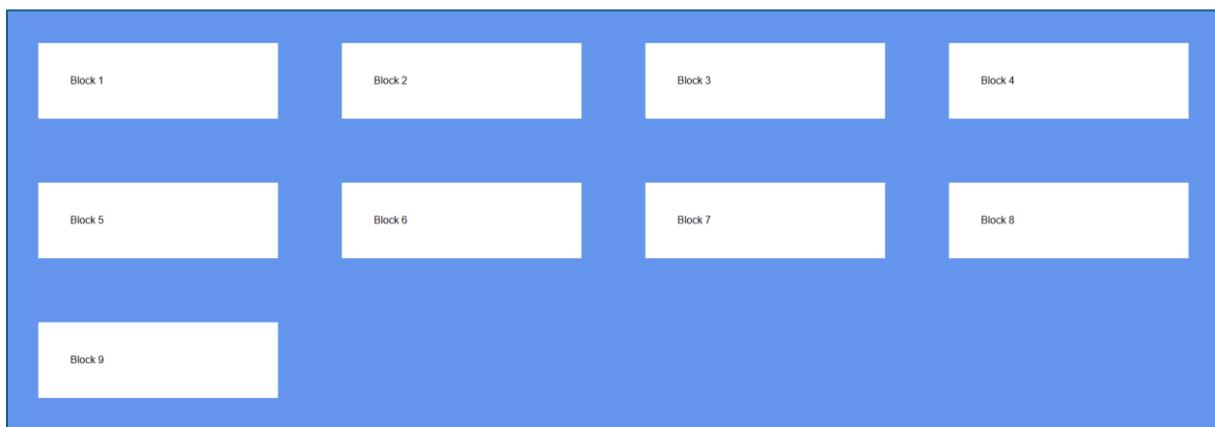
Om 9 blokken in een 3 kolommen te zetten kunnen we dat als volgt doen:

```
.container {  
    background-color: cornflowerblue;  
    display: grid;  
    grid-template-columns: repeat(3, 1fr);  
}
```

De display wordt op grid gezet en we zeggen dat bij grid-template-columns dat er 3 blokken moeten worden gezet.

Er waren 9 rijen in de beginsituatie, met 3 kolommen worden er dus 3 rijen gegenereerd.

Opdracht 2



Nu worden de blokken getoond in 4x3, met de volgende CSS:

```
.container{  
    background-color: cornflowerblue;  
    display: grid;  
    grid-template-columns: repeat(4, 1fr);  
}
```

Opdracht 3

```
.container .block {  
    margin: 20px;  
    padding: 20px;  
    background-color: white;  
}  
  
.block.block1 {  
    grid-column-start: 1;  
    grid-row-start: 1;  
}  
  
.block.block2 {  
    grid-column-start: 5;  
    grid-row-start: 5;  
}
```

```
.block.block3 {
    grid-column-start: 1;
    grid-row-start: 5;
}

.block.block4 {
    grid-column-start: 5;
    grid-row-start: 1;
}

.block.block5 {
    grid-column-start: 3;
    grid-row-start: 3;
}

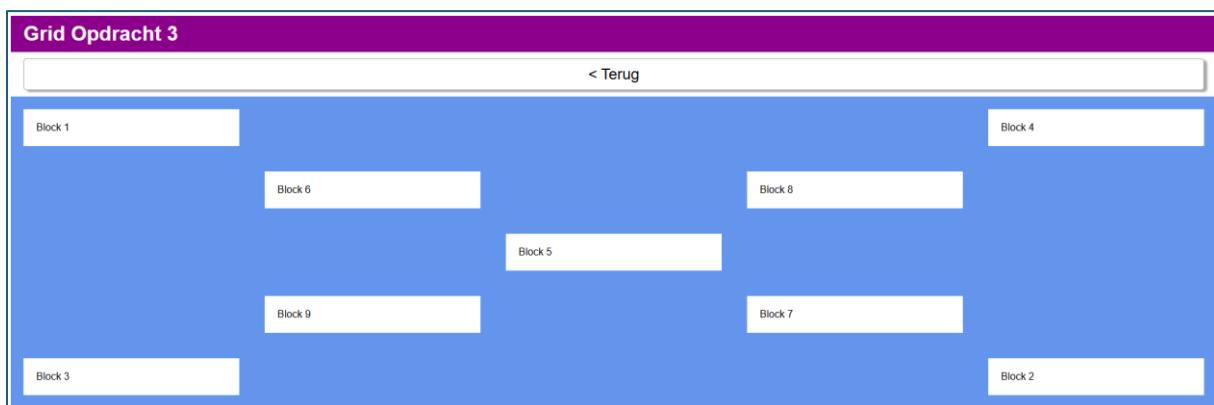
.block.block6 {
    grid-column-start: 2;
    grid-row-start: 2;
}

.block.block7 {
    grid-column-start: 4;
    grid-row-start: 4;
}

.block.block8 {
    grid-column-start: 4;
    grid-row-start: 2;
}

.block.block9 {
    grid-column-start: 2;
    grid-row-start: 4;
}
```

Resultaat:

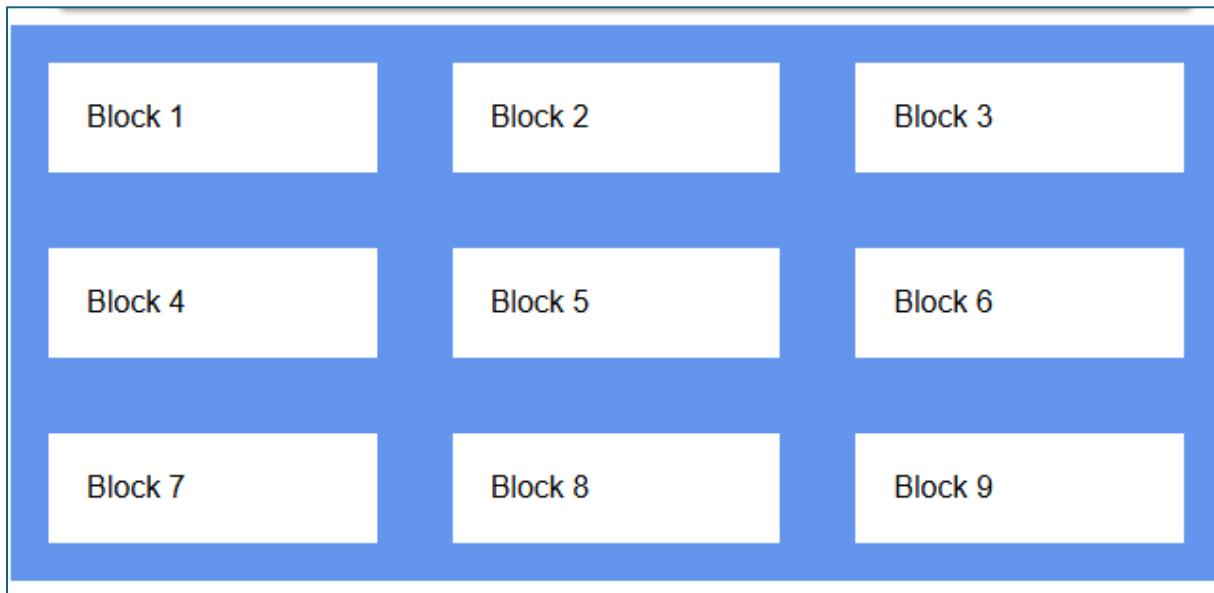


Opdracht 4

Voor opdracht 4 gebruiken we hetzelfde maar maken we gebruik van een media query:

```
@media (width < 700px) {
```

zodat alles wordt aangepast.



Opdracht 5

```
.container {
    display: grid;
    grid-template-columns: repeat(3, 1fr);
    grid-auto-rows: auto;
    gap: 7px;
}

.container .block{
    padding: 20px;
    color: white;
    font-size: 4em;
    font-weight: bold;
    text-align: center;
}

.block1{
    grid-column: 1 / 4;
    grid-row: 1;
    background: #b6366a;
}

.block2{
    grid-column: 1 / 2;
    grid-row: 2 / 4;
    background: #726ea6;
}
```

```
.block3{
    grid-column: 2 / 3;
    grid-row: 2;
    background: #7d8dc2;
}

.block4{
    grid-column: 3 / 4;
    grid-row: 2;
    background: #a1d2da;
}

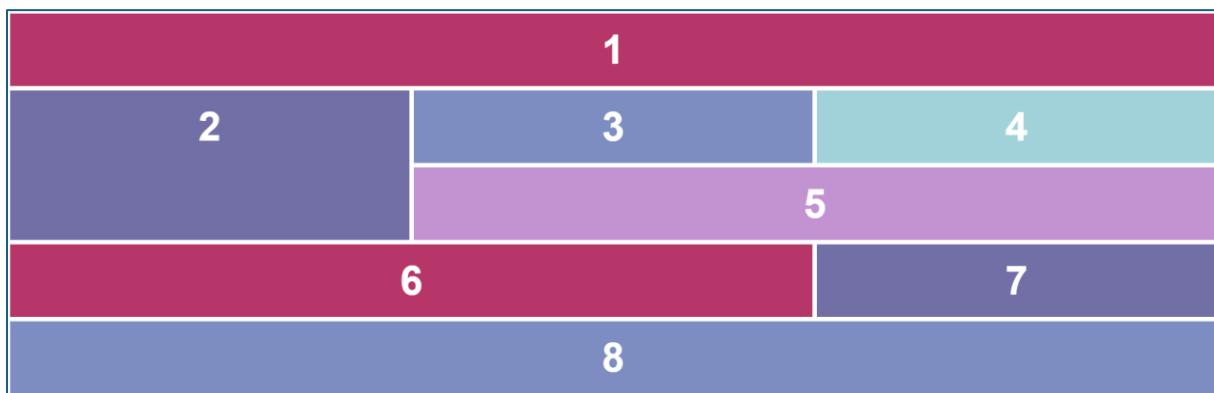
.block5{
    grid-column: 2 / 4;
    grid-row: 3;
    background: #c392d0;
}

.block6{
    grid-column: 1 / 3;
    grid-row: 4;
    background: #b6366a;
}

.block7{
    grid-column: 3 / 4;
    grid-row: 4;
    background: #726ea6;
}

.block8{
    grid-column: 1 / 4;
    grid-row: 5;
    background: #7d8dc2;
}
```

Resultaat:



Opdracht 6

```
main {  
    display: grid;  
    grid-template-columns: repeat(3, 1fr); /* 3 gelijke kolommen (lijn 1  
t/m 4) */  
    grid-auto-rows: auto;  
    gap: 10px;  
}  
  
main .block {  
    padding: 20px;  
    color: white;  
    font-size: 4em;  
    font-weight: bold;  
    text-align: center;  
}  
  
@media screen and (min-width: 992px) {  
    .block1 {  
        grid-column: 1 / 4;  
        grid-row: 1;  
        background: #b6366a;  
    }  
  
    .block2 {  
        grid-column: 1 / 4;  
        grid-row: 2;  
        background: #726ea6;  
    }  
  
    .block3 {  
        grid-column: 1/ 2;  
        grid-row: 3;  
        background: #7d8dc2;  
    }  
  
    .block4 {  
        grid-column: 2 / 4;  
        grid-row: 3;  
        background: #a1d2da;  
    }  
}
```

```
@media screen and (min-width: 772px) and (max-width: 992px) {  
    .block1 {  
        grid-column: 1 / 4;  
        grid-row: 1;  
        background: #b6366a;  
    }  
  
    .block3 {  
        grid-column: 1 / 4;  
        grid-row: 2;  
        background: #7d8dc2;  
    }  
  
    .block2 {  
        grid-column: 1 / 4;  
        grid-row: 3;  
        background: #726ea6;  
    }  
  
    .block4 {  
        grid-column: 1 / 4;  
        grid-row: 4;  
        background: #a1d2da;  
    }  
}  
  
@media screen and (min-width: 320px) and (max-width: 772px) {  
    .block2 {  
        grid-column: 1 / 4;  
        grid-row: 1;  
        background: #726ea6;  
    }  
  
    .block1 {  
        grid-column: 1 / 4;  
        grid-row: 2;  
        background: #b6366a;  
    }  
  
    .block3 {  
        grid-column: 1 / 4;  
        grid-row: 3;  
        background: #7d8dc2;  
    }  
  
    .block4 {  
        grid-column: 1 / 4;  
        grid-row: 4;  
        background: #a1d2da;  
    }  
}
```

Extra

```
body > div {  
    display: grid;  
    grid-template-columns: auto auto;  
    gap: 15px;  
}  
  
body > div > div {  
    color: white;  
    padding: 20px;  
    text-align: center;  
    font-size: 3em;  
}  
  
.item-1, .item-6 {  
    display: none;  
}  
  
.item-2 {  
    grid-row: 1;  
    grid-column: 2;  
}  
  
.item-3 {  
    grid-column: 1 / 3;  
    grid-row: 4;  
}  
  
.item-9 {  
    grid-row: 1;  
}  
  
.item-1 {  
    background: #b03532;  
}  
  
.item-2 {  
    background: #33a8a5;  
}  
  
.item-3 {  
    background: #30997a;  
}  
  
.item-4 {  
    background: #6a478f;  
}  
  
.item-5 {  
    background: #da6f2b;  
}  
  
.item-6 {  
    background: #3d8bb1;  
}  
  
.item-7 {  
    background: #e03f3f;  
}
```

```
.item-8 {
    background: #59a627;
}

.item-9 {
    background: #4464a1;
}

@media screen and (min-width: 760px) {
    body > div {
        grid-template-columns: 1fr 2fr 1fr;
    }

    .item-1, .item-6 { /*item 1 en 6 opnieuw tonen*/
        display: block;
    }

    .item-3 {
        grid-column: 3 / 4;
        grid-row: 3;
    }
}
```