

Web development 1 – Verslag Labo 11

Bachelor in de **toegepaste informatica**

campus **Kortrijk**

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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;
}

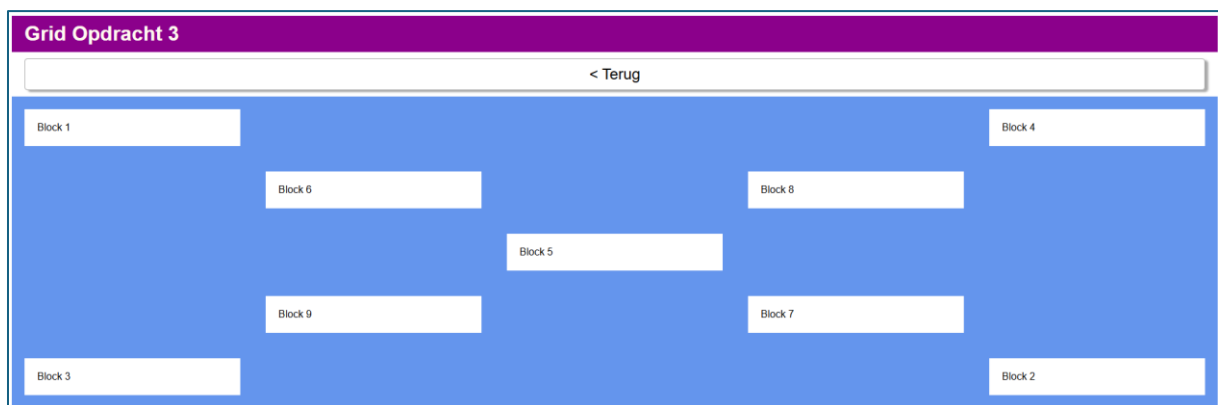
.block.block7 {
  grid-column-start: 4;
  grid-row-start: 4;
}

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

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

```

Resultaat:

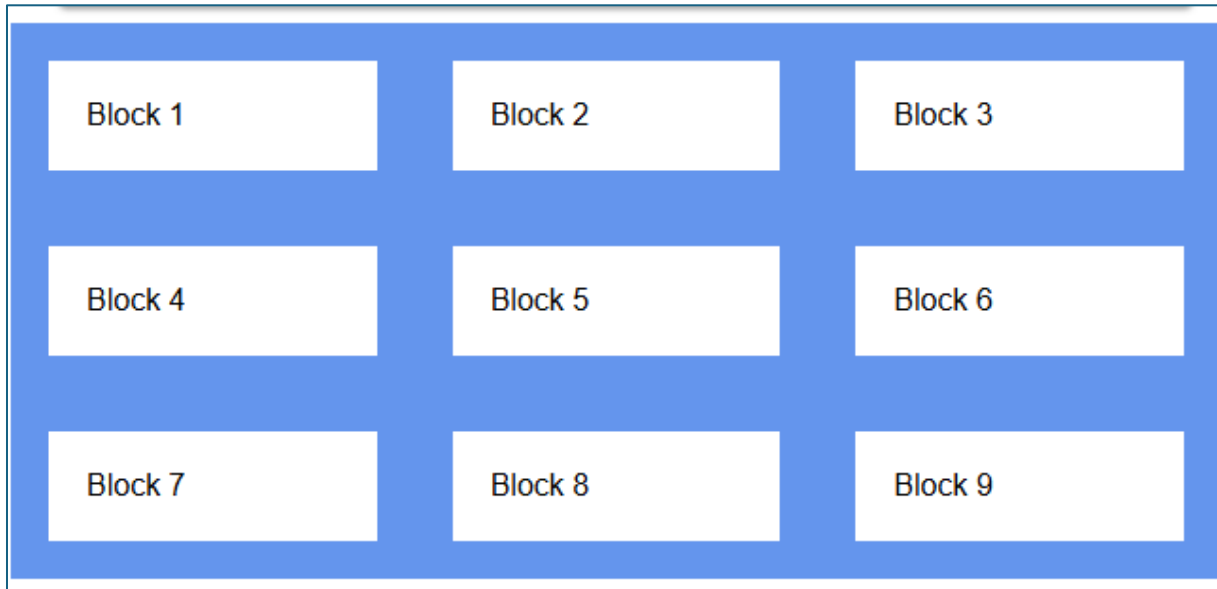


Opdracht 4

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;
}

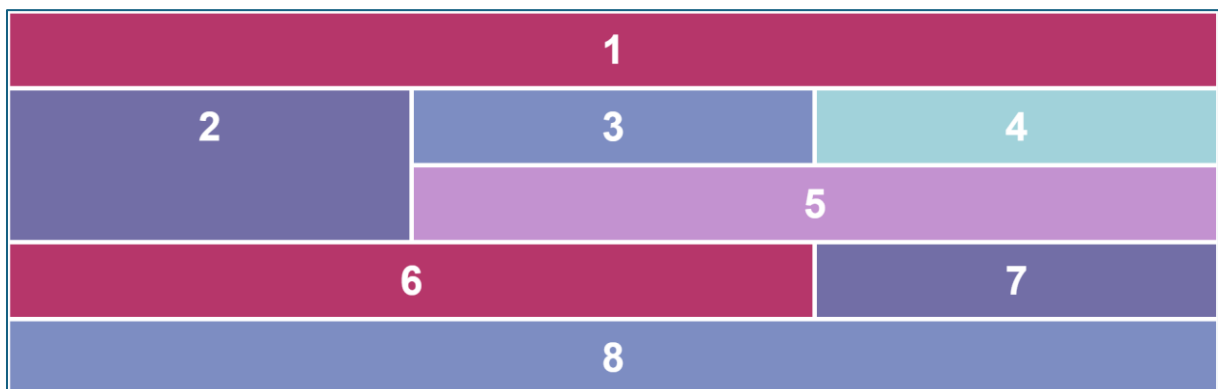
.block6{
  grid-column: 1 / 3;
  grid-row: 4;
  background: #b6366a;
}

.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;
  }
}
```