07/24/2024

FOUNDATIONS OF WEB DESIGN

CLASS 10

CSS Grid

https://dem-1323.github.io/foundations-of-web-design/

CSS GRID

- Two-dimensional layouts
- Design powerful web layouts
- Control columns and rows

Grid Container:

- Define a grid using ‘display: grid’
- Children of grid containers are grid items

Example:

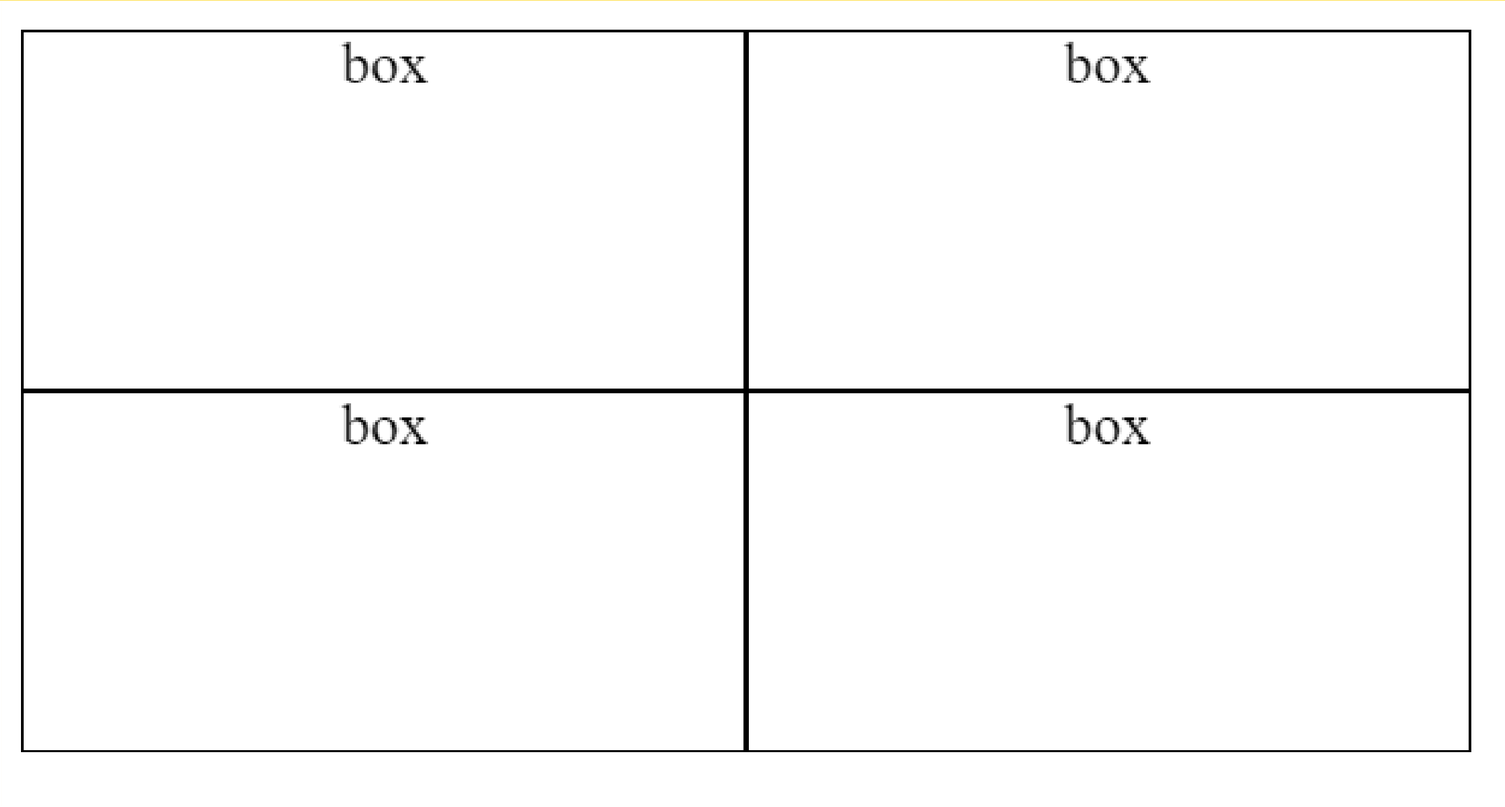
```
.grid-container {
 display: grid;
}
```

DEFINING COLUMNS AND ROWS

- grid-template-columns
- grid-template-rows

Example:

```
.grid-container {
 display: grid;
 grid-template-columns: 200px
200px;
 grid-template-rows: 100px
100px;
}
```



PLACING ITEMS

- **grid-column**
- **grid-row**

Example:

```
#box1 {
  grid-column: 2 / 3;
  grid-row: 2;
}
```

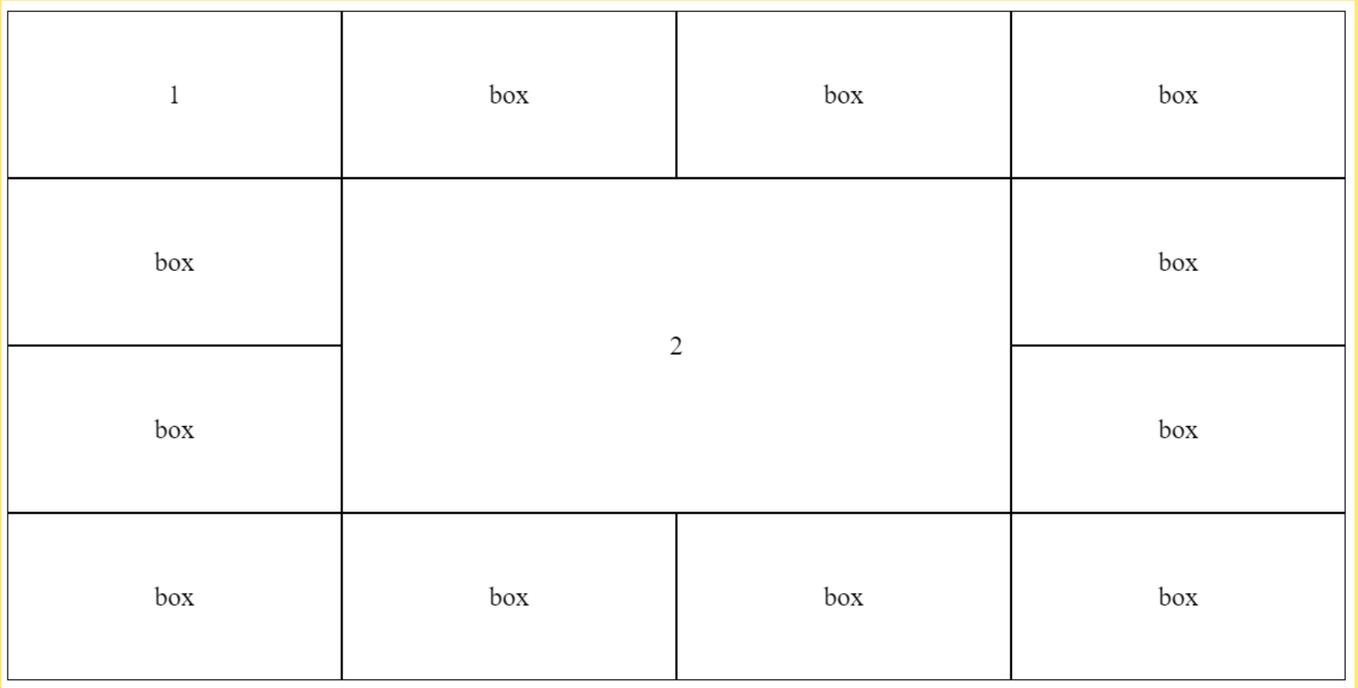
box	box	box
box	1	box
box	box	box

SPAN ROWS/COLUMNS

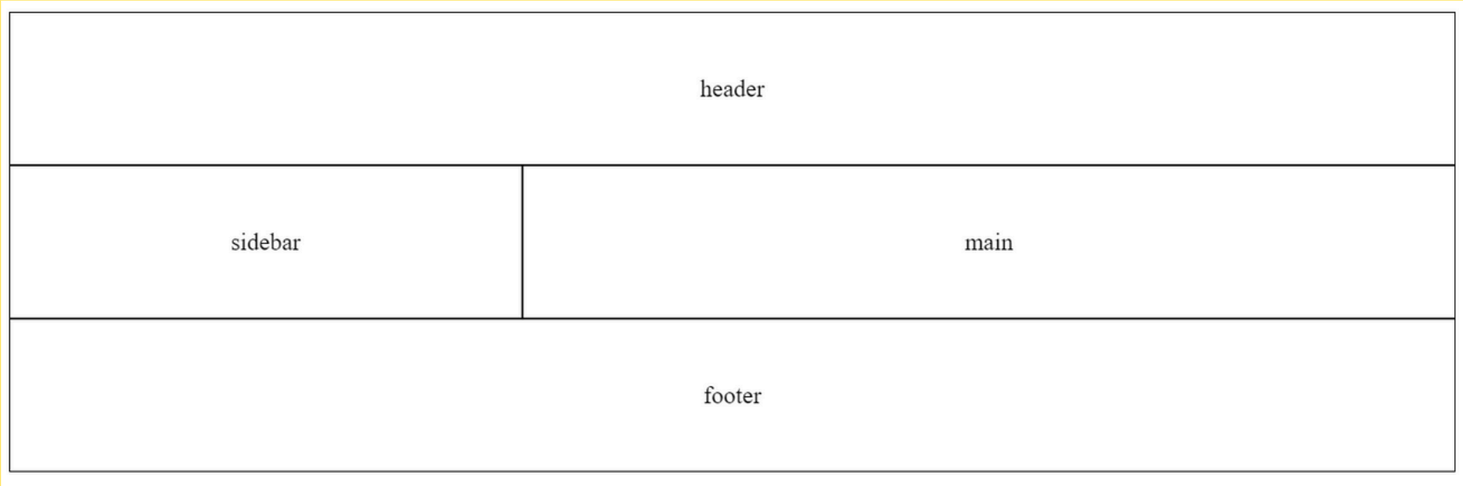
use span with grid-column or grid-row:
grid-column: span 2

Example:

```
#box2 {
 grid-column: 2 / span 2;
 grid-row:  2 / span 2;
}
```



GRID-TEMPLATE-AREA

Defined named areas for layout

```
Example:
.grid-container {
  display: grid;
  grid-template-areas:
    "header header header"
    "sidebar main main"
    "footer footer footer";
}
.header {
  grid-area: header;
}
.sidebar {
  grid-area: sidebar;
}
.main {
  grid-area: main;
}
.footer {
  grid-area: footer;
}
```