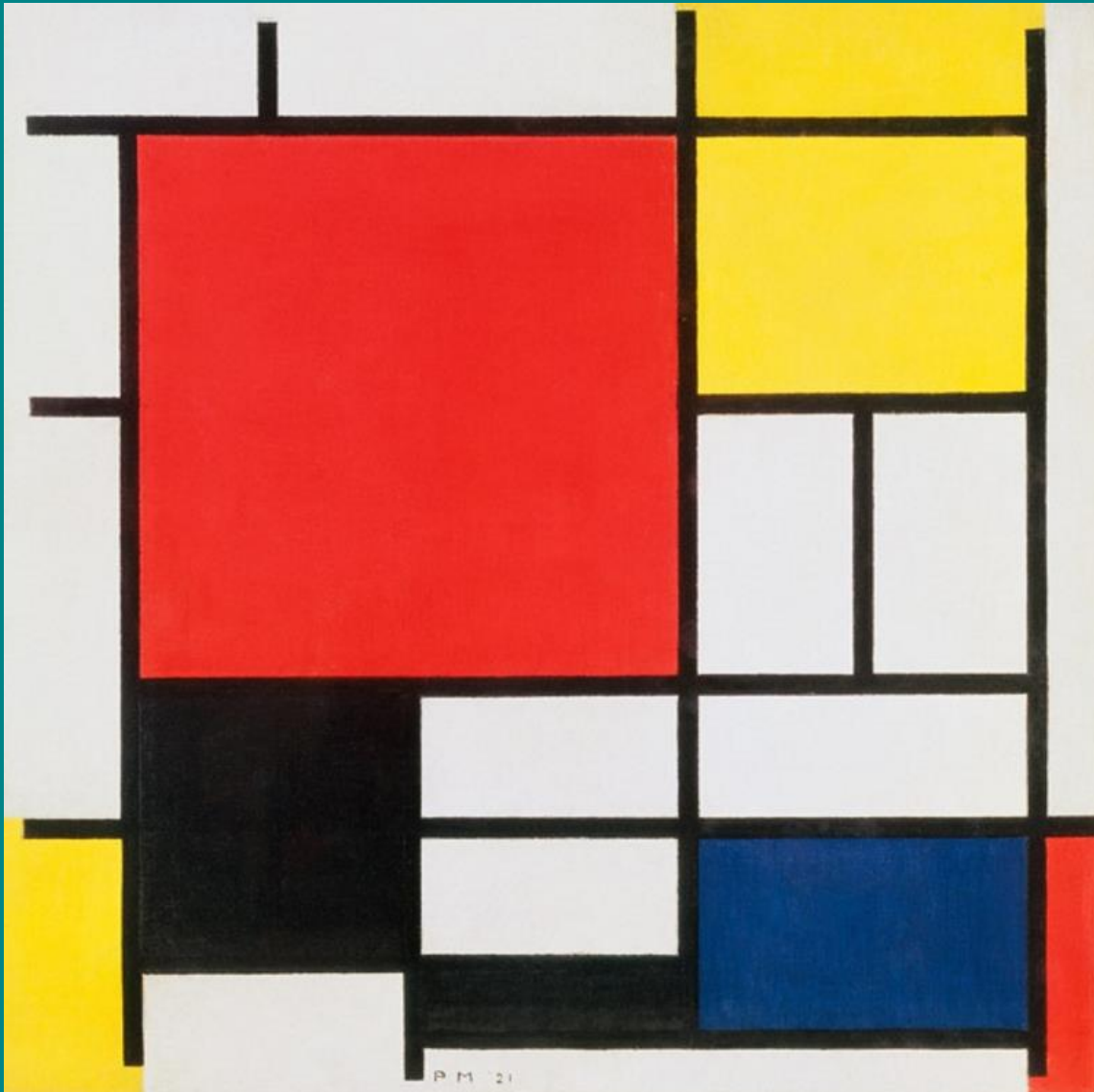# Assignment Week 2 • GridsFlex

A neat working environment is the way for you to keep everything organized. All assignments should be placed in their own folder or at least organized in a way that they are easily accessible by the developers.

✎ Implement the following

• Make this Mondriaan using display: grid;
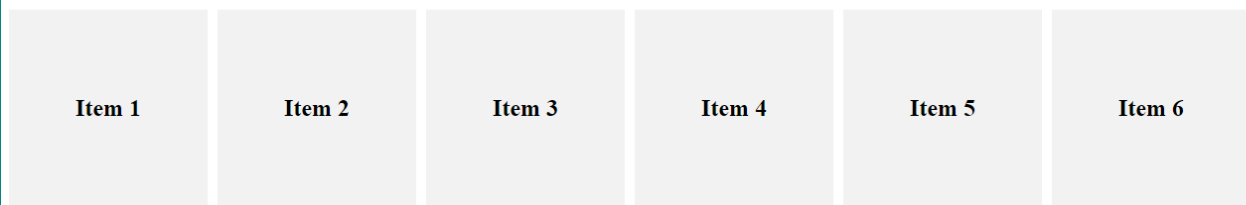
✎ Implement the following

Create the following Web site. Make use of Flexbox for the flexbox gallery and Grids for the Grid gallery. Give all griditems and flexitems appropriate classnames.

Try **adding and changing margin, width, height, padding, color, background-color and border**. Apply these to the flexbox, the grid, the flex items and the griditems. Notice what they change.
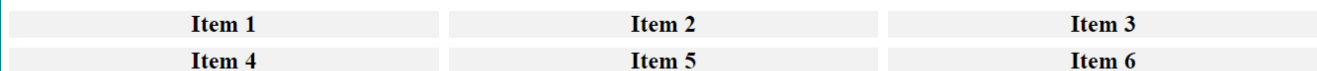
Experiment with position by assigning certain flex-/griditems with one of the following positions: **static, relative, absolute, fixed, sticky inherit. Example: position:sticky; Tip: Use an ID!**

Flexbox Gallery

Item 1	Item 2	Item 3	Item 4	Item 5	Item 6

Grid Gallery

Item 1	Item 2	Item 3
Item 4	Item 5	Item 6

✎ Implement the following

Two websites to help you with your control over Flexbox and Grids

https://cssgridgarden.com/

https://flexboxfroggy.com/

Do all assignments to practice Flexbox and Grids.

✎ Implement the following

Create a variable called **date** and store the following number **14062016.** This number stands for 14th of June 2016.

Use the operators Modulo (%) and Division (/), **and only these operators**, to extract the day, month and year in different variables. Your answer should work with all different possibilities for variable **date**.

✎ Implement the following

Build the following tasks in PHP. Make sure it's available on a valid HTML file.

```
Task 1: Use the following table to create an if/else structure
that takes the Digit as input and provides the Export as output
```

Digit	Export
< 1	"Invalid figure"
1, 2, 3	"Very bad"
4, 5	"Insufficient"
6, 7	"Sufficient"
8	"Good"
9	"Very good"
10	"Excellent"
> 10	"Invalid figure"

```
Task 2: Do the same, but now using a switch case.
```