CSS

Lab. 02

CSS

- CSS
  - Cascading Style Sheet
  - HTML의 Style을 정리한 Sheet

- Cascading
  - 1. Author Style (.css)
  - 2. User Style
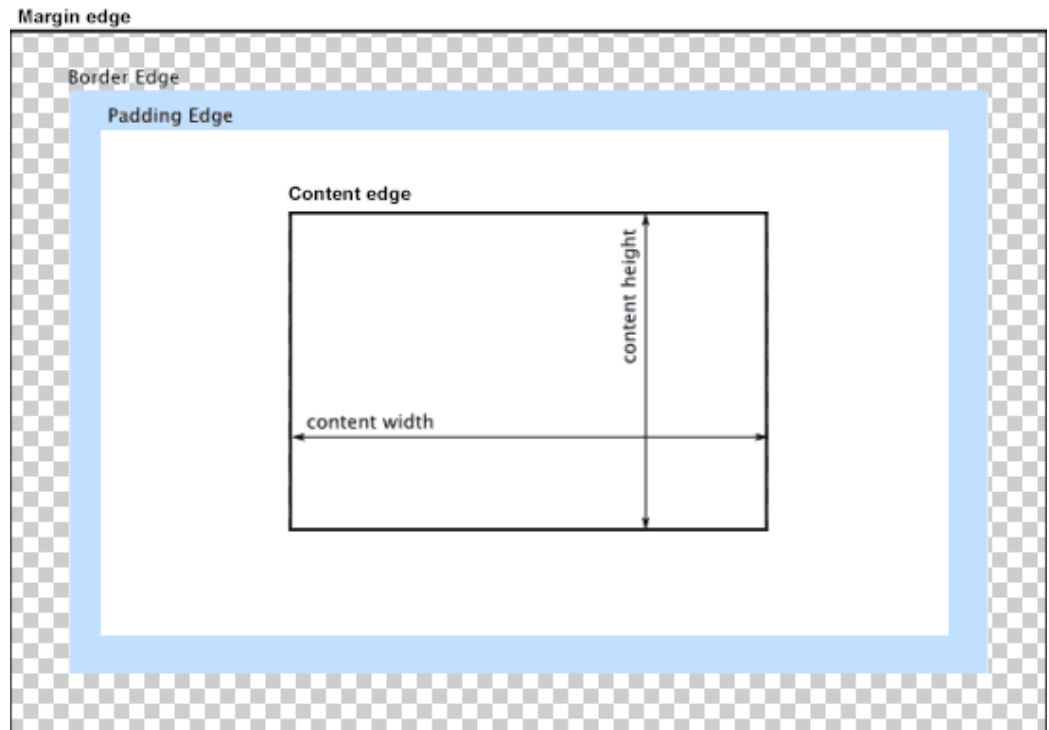 - 3. Browser Style

Selector

- Selector
  - selectors are used **to target the HTML elements** on our web pages that we want to style. link

Selector	Example	Learn CSS tutorial
Type selector	`h1 {   }`	Type selectors
Universal selector	`* {   }`	The universal selector
Class selector	`.box {   }`	Class selectors
id selector	`#unique { }`	ID selectors
Attribute selector	`a[title] {   }`	Attribute selectors
Pseudo-class selectors	`p:first-child { }`	Pseudo-classes
Pseudo-element selectors	`p::first-line { }`	Pseudo-elements
Descendant combinator	`article p`	Descendant combinator
Child combinator	`article > p`	Child combinator
Adjacent sibling combinator	`h1 + p`	Adjacent sibling
General sibling combinator	`h1 ~ p`	General sibling

source: MDN Web Docs

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Box Model

- Box Model
  - Content area
  - Padding area
  - Border area
  - Margin area
  - [link](#)

source: MDN Web Docs

position

- position
  - The **position** property sets how an element is positioned in a document. [Link](#)

Syntax

```
position: static;
position: relative;
position: absolute;
position: fixed;
position: sticky;

/* Global values */
position: inherit;
position: initial;
position: revert;
position: unset;
```

source: MDN Web Docs

Layouts in HTML

- <div> is block-level layout

- <span> is inline-level layout

the wheat colored is margin of box model

display

- CSS can change the layout of elements. [link](#)

Syntax

The CSS `display` property is specified using keyword values.

```
/* legacy values */
display: block;
display: inline;
display: inline-block;
display: flex;
display: inline-flex;
display: grid;
display: inline-grid;
display: flow-root;

/* box generation */
display: none;
display: contents;

/* two-value syntax */
display: block flow;
display: inline flow;
display: inline flow-root;
display: block flex;
display: inline flex;
display: block grid;
display: inline grid;
display: block flow-root;

/* other values */
display: table;
display: table-row; /* all table elements have an equivalent CSS display value */
display: list-item;

/* Global values */
display: inherit;
display: initial;
display: revert;
display: unset;
```
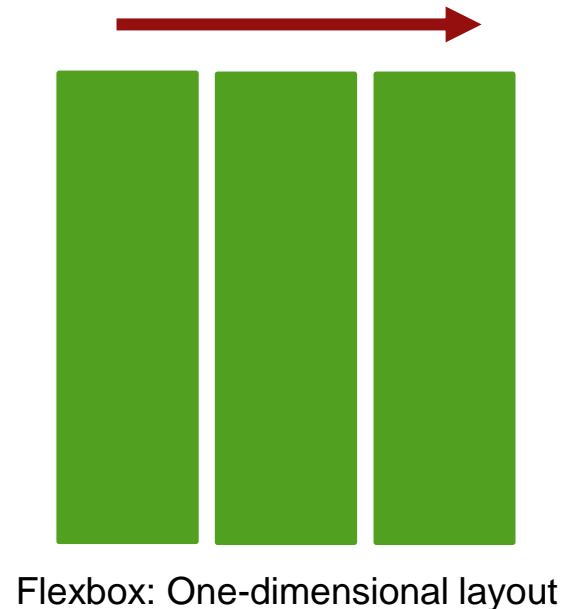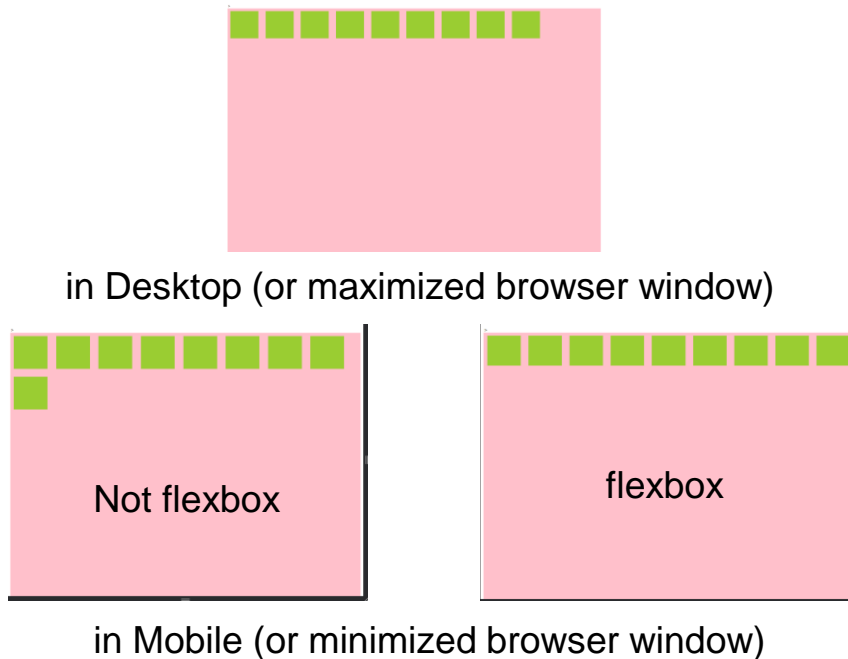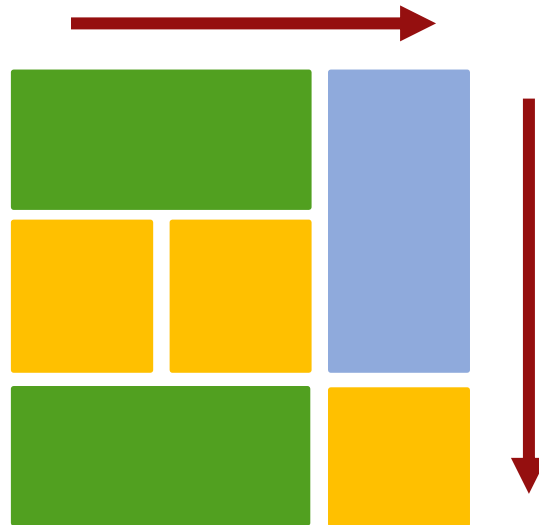
source: MDN Web Docs

display: Flexbox

- flex (flexbox)
  - Flexbox is designed as **one-dimensional** layout model. link

in Desktop (or maximized browser window)

Not flexbox

flexbox

in Mobile (or minimized browser window)

Flexbox: One-dimensional layout

display: Grid

- Grid (CSS Grid)
  - Grid is a CSS layout method developed for two-dimensional layouts.

CSS Grid: Two-dimensional layout

Project 1: Share Your Travel Photos

- Overview
  - 지난 1차시 실습 파일(.html)을 사용함.
  - CSS를 사용하여 style을 개선해보기

Project 1: Share Your Travel Photos

- 15분간 각자 작성 후 풀이 진행

Goals

제공된 project01.css에 스타일을 추가

Goal 1 – backgrounds & font for body, h1~3, p, nav

Goal 2 – Font, color, background-color for link (default, visited, hover)

Goal 3 – padding, color, list-style, margin, font for header, footer, nav

테스트

완성된 페이지가 좌측 이미지와 유사하게 표시되는지 확인