ESPE

UNIVERSIDAD DE LAS FUERZAS ARMADAS

INNOVACIÓN PARA LA EXCELENCIA

WEB FUNDAMENTALS

FLEXBOX/GRID

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FLEXBOX

Flexbox is a method for the one-dimensional layout of a web page to collate elements into rows or columns.
Content elements are widened to fill the additional space and shrink to fit into smaller spaces.

Flexbox Strengths

- Layout control in 1-dimension, vertically or horizontally
- Adjust justification and alignment
- Override alignment for child element settings

justify-content

- flex-start: left justified
- flex-end: right justified
- center: center-justified
- space-around: evenly distributes space around boxes
- space-between: evenly distributes space between boxes

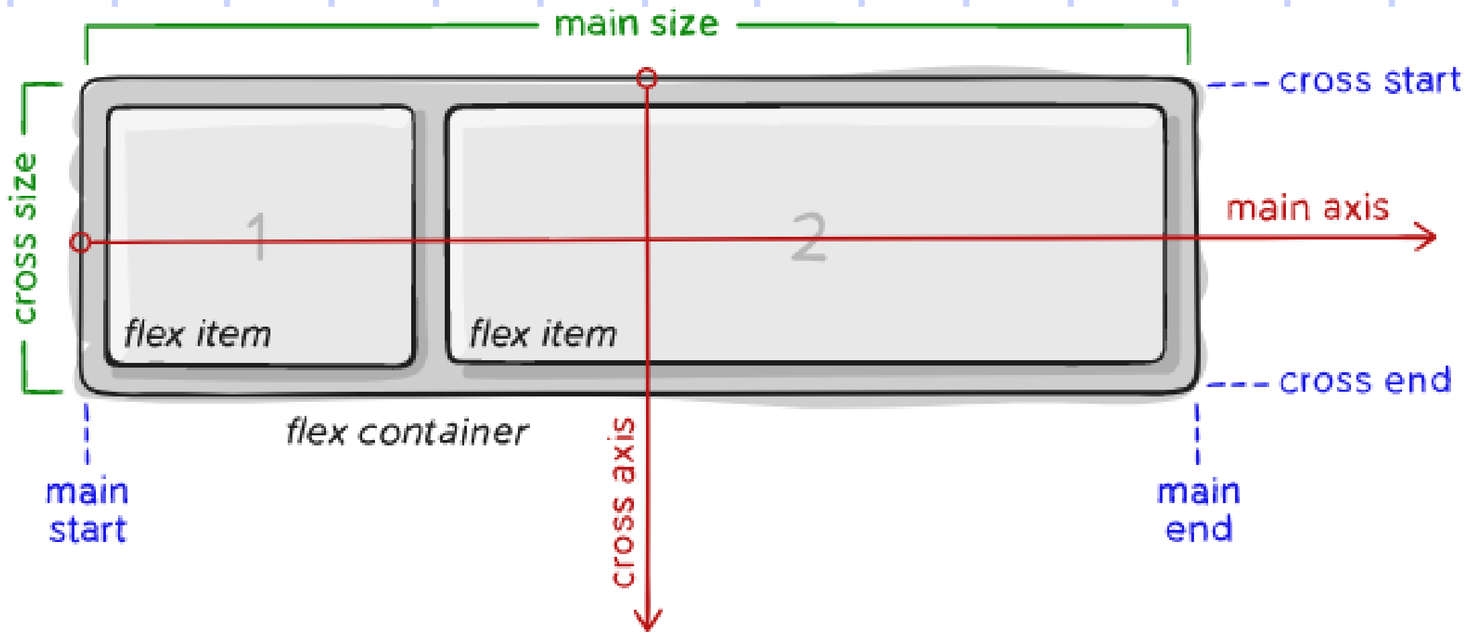
flex-direction (horizontal alignment)

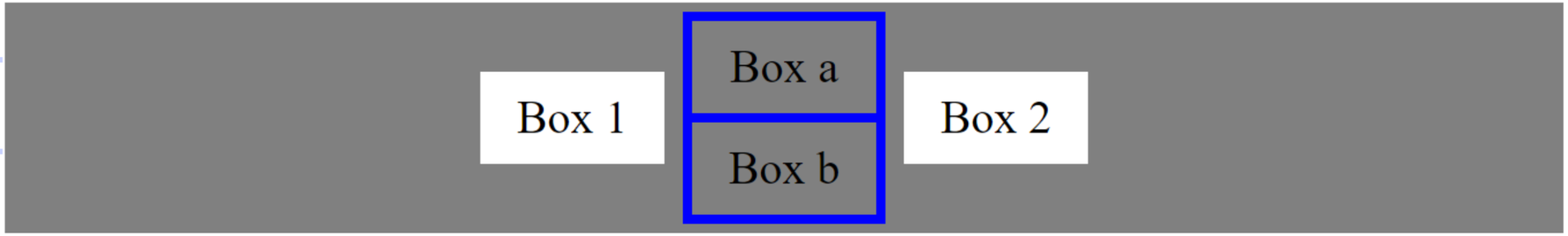
- row: from left to right
- row-reverse: from right to left
- column: from top to bottom
- column-reverse: from bottom to top

align-items (vertical alignment)

- center: objects are centered.
- flex-start: objects snap to the top edge.
- flex-end: objects snap to the bottom edge.
- stretch: objects are displayed with the same size.
- baseline: objects are arranged on the baseline (according to content).

FLEXBOX EXAMPLE





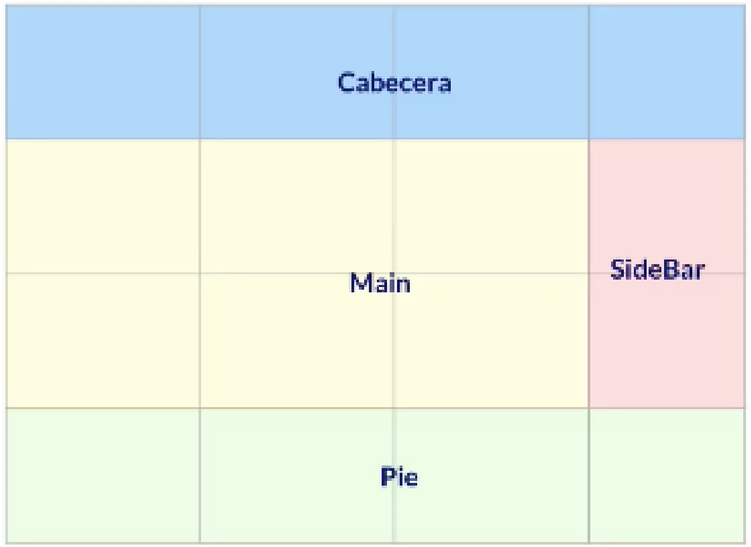
GRID

Grid is a value of HTML5 which has the property of allowing us to layout web pages in a much easier way.
In Grid we can set both the rows and columns that the design and layout is going to have.

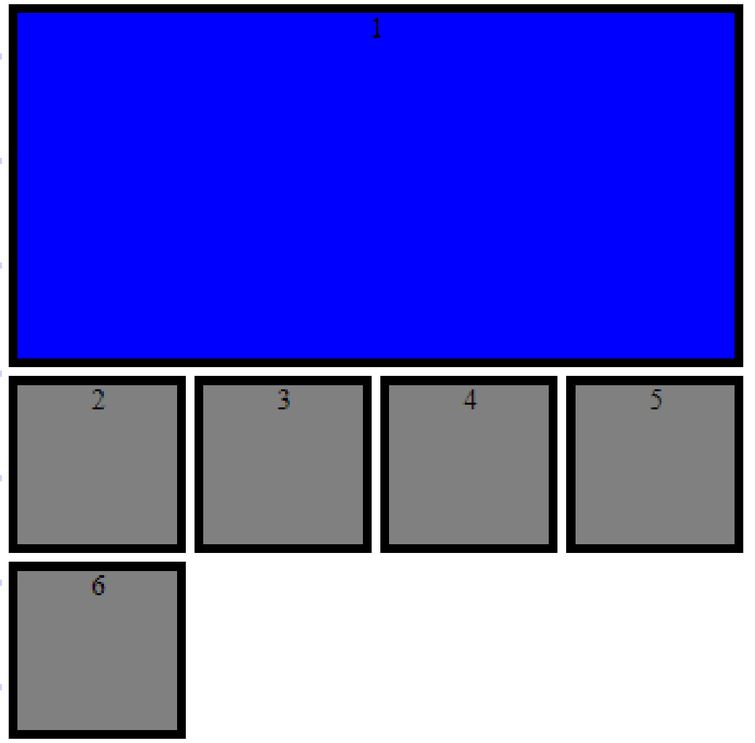
Grid Strengths

- Layout control in 2-dimension, vertically and horizontally
- Organize elements anywhere inside grid cells
- Adjust positioning
- Override alignment on child element settings

GRID EXAMPLE



Contenedor con
display: grid



BIBLIOGRAPHIC REFERENCES

- Qué es CSS Grid. (2020, 17 abril). OpenWebinars.net. https://openwebinars.net/blog/que-es-css-grid/
- CSS grid: diseño con función inteligente. (2022, 24 octubre). IONOS Digital Guide. https://www.ionos.es/digitalguide/paginas-web/creacion-de-paginas-web/css-grid-layout/
- Alura Latam. (2021, 2 septiembre). Flexbox CSS: Guia Completo, Elementos y Ejemplos. Alura. https://www.aluracursos.com/blog/flexbox-css-guia-completo-elementos-y-ejemplos