



# HTML e CSS

- Aula 07 – FlexBox
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# Flexbox

- O QUE É? Flexbox é um método de layout unidimensional para a colocação de itens em linhas ou colunas
- O Flexbox razoavelmente NOVO: é uma adição recente ao CSS, incluído para resolver os problemas comuns de layout
- Pq? Flexbox nos permite distribuir o espaço dinamicamente através de elementos de um tamanho desconhecido, daí o termo "flex"

# Grid

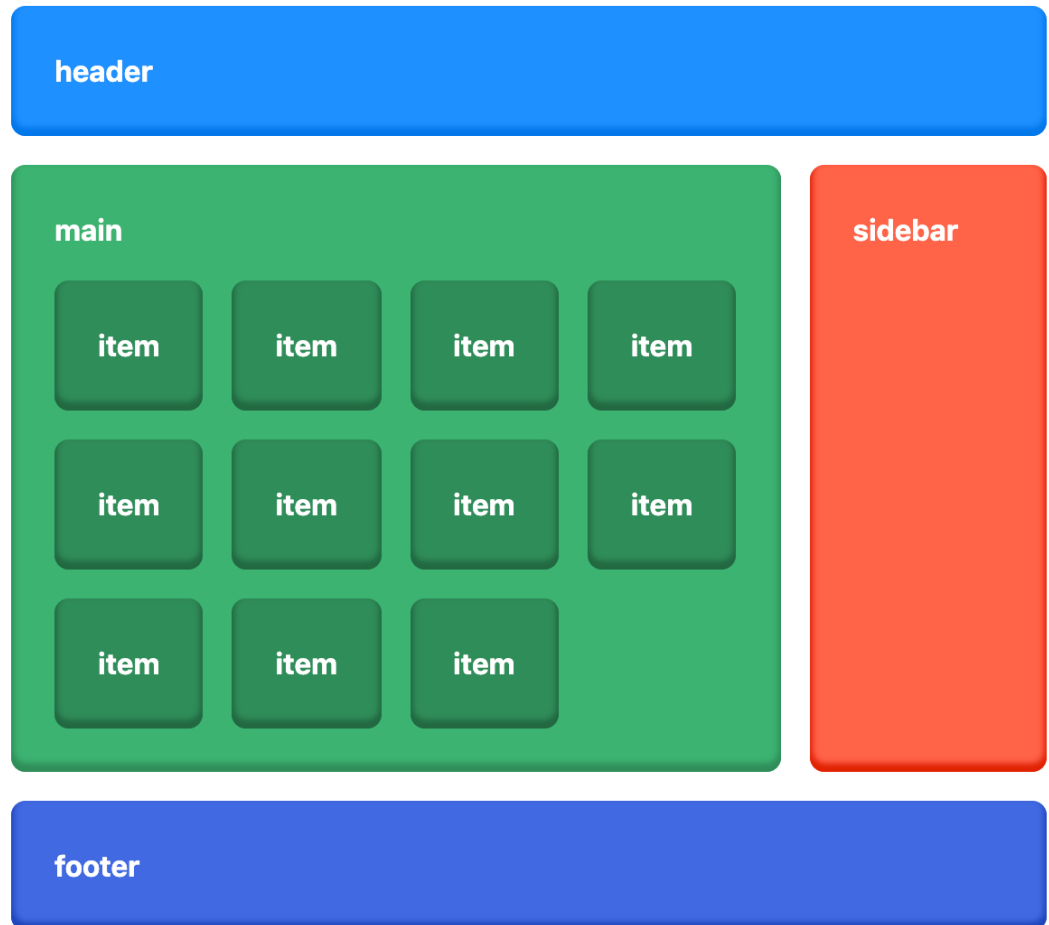
- CSS Grid Layout (também conhecido como "Grid" ou "CSS Grid"), é um sistema de layout bidimensional baseado em grade
- Grid é o primeiro módulo CSS criado especificamente para resolver os problemas de layout.

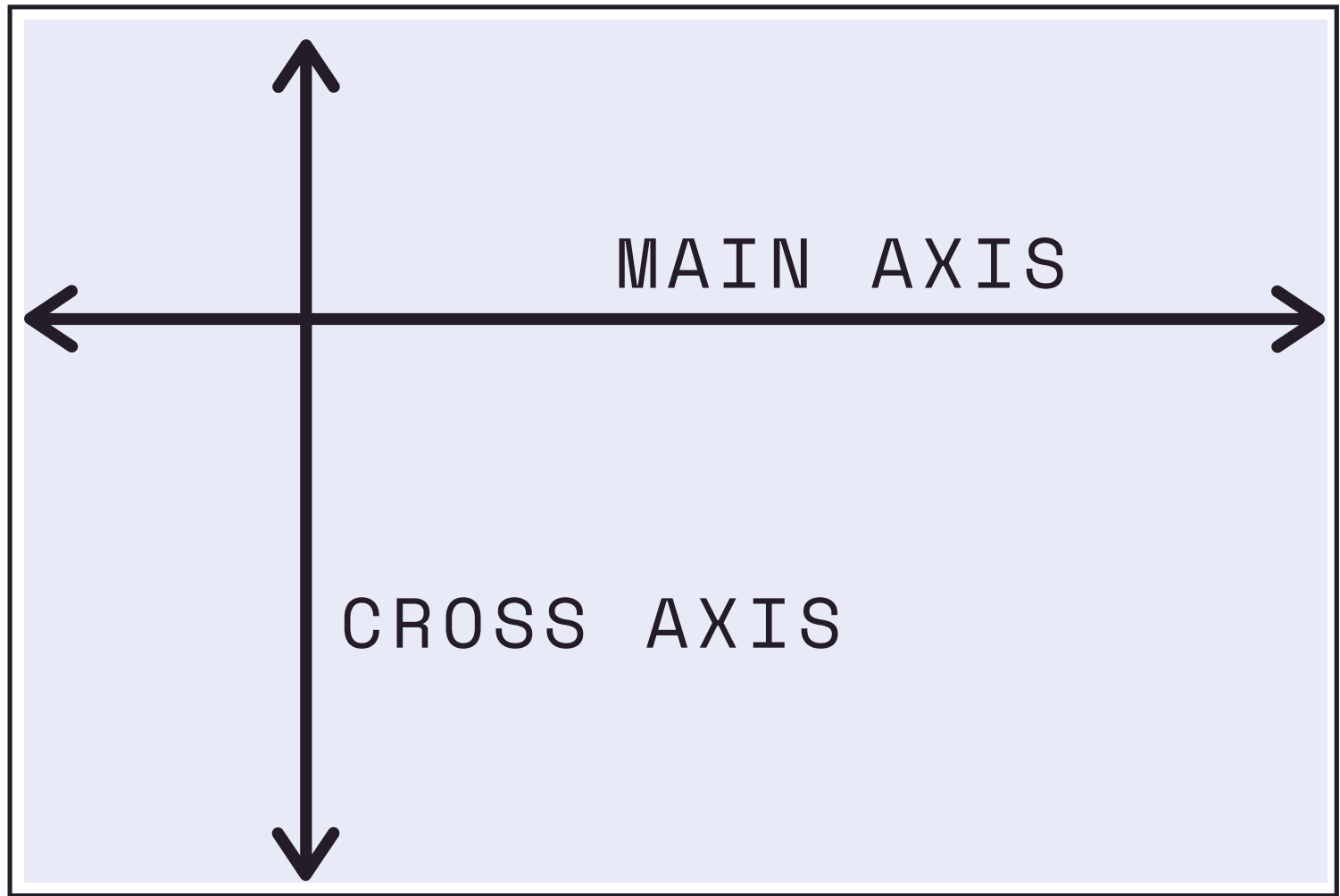
# Desafio

- Realize o jogo do Flexbox Froggy
  - <https://flexboxfroggy.com/>
- E o jogo grid garden
  - <https://cssgridgarden.com/>

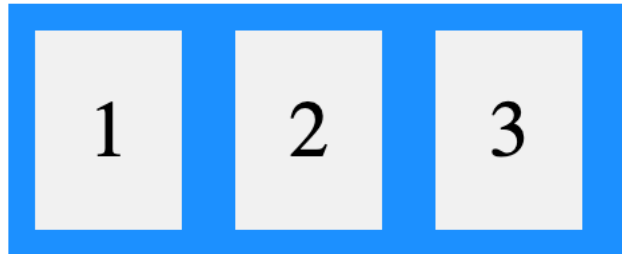
Desafio:  
Monte o  
layout abaixo  
utilizando  
flexbox e grid

- Realize em pair programming
- Tente realizar com um colega que vc não conheça

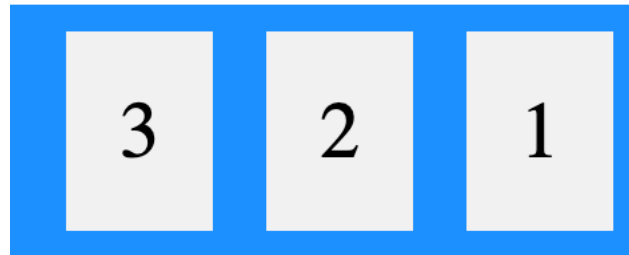




# Flex-Direction: row

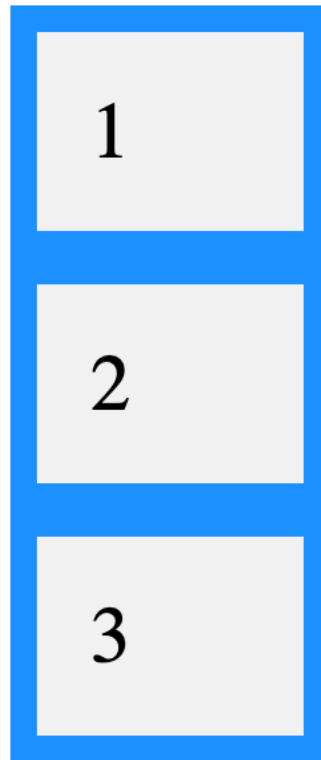


# Flex-Direction: row-reverse

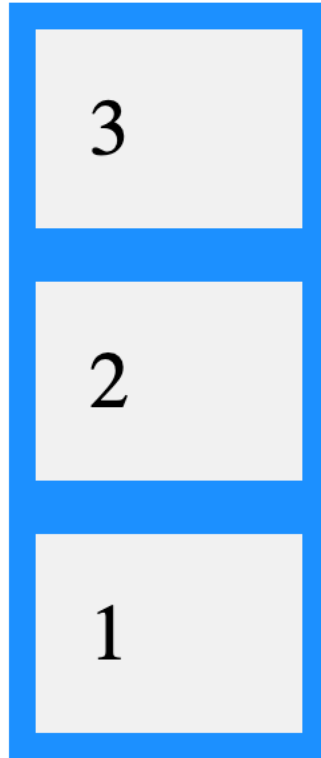




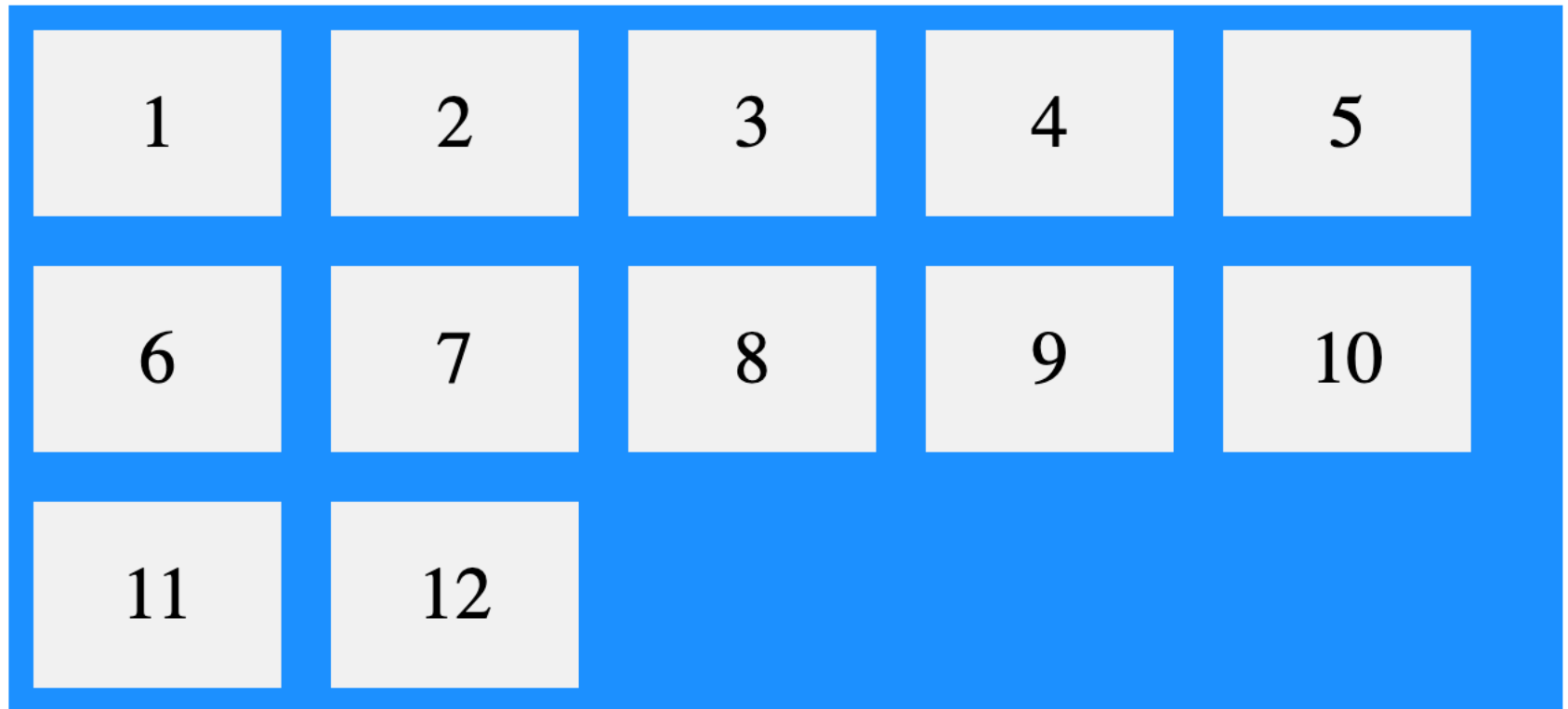
# Flex-Direction: column



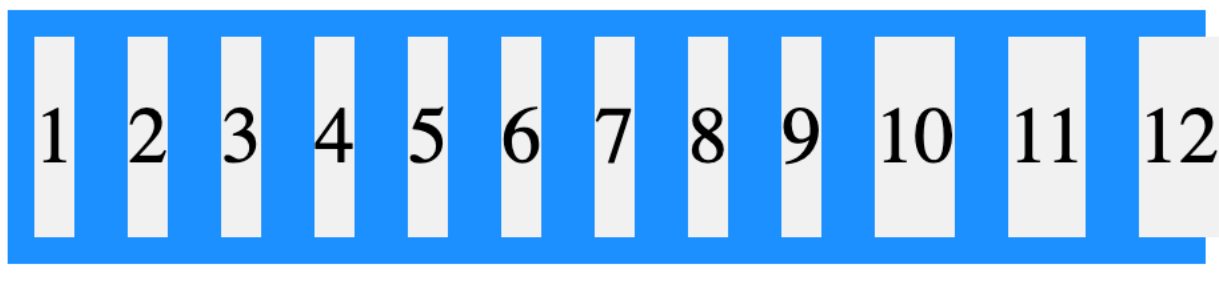
# Flex-Direction: column-reverse



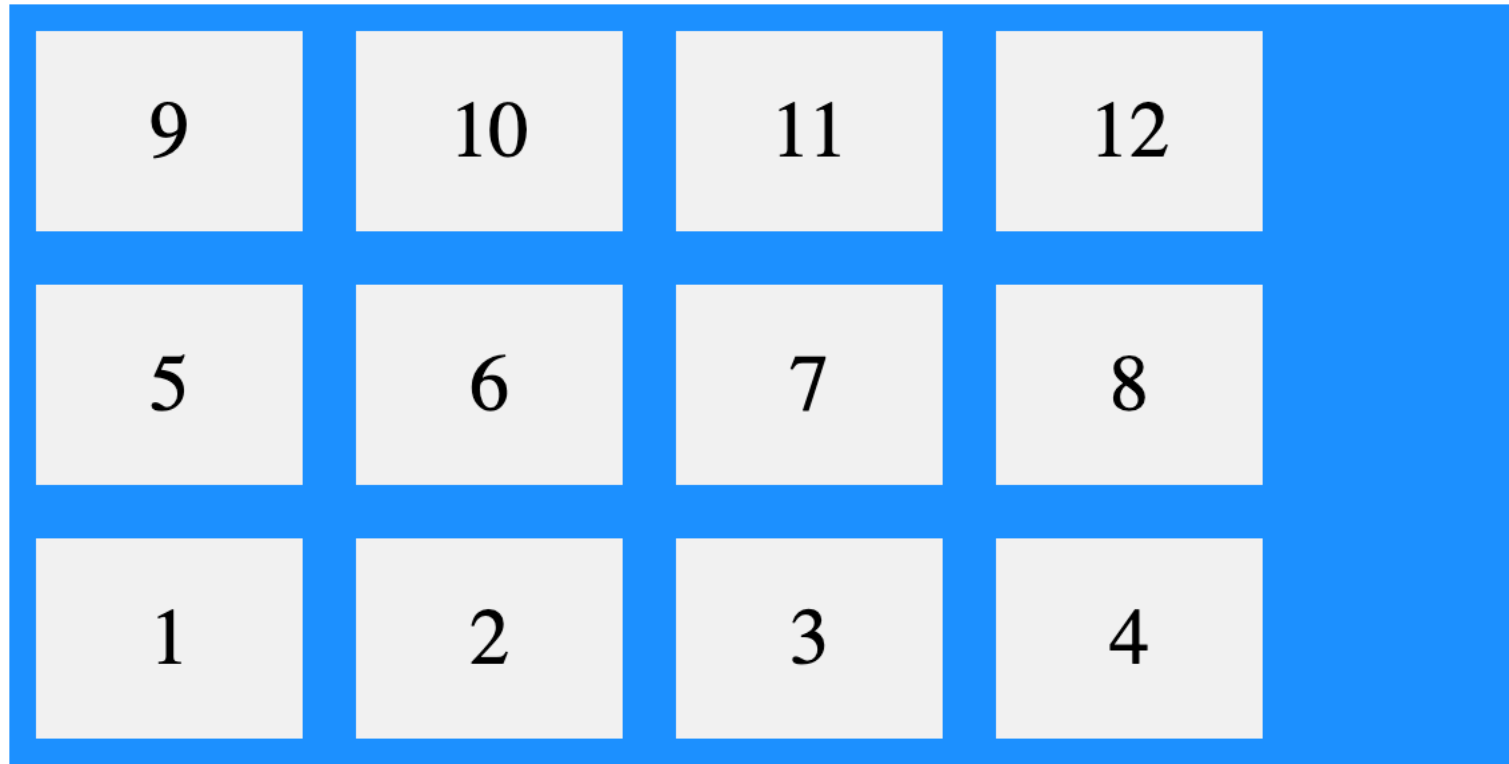
flex-wrap: wrap



**flex-wrap: nowrap**



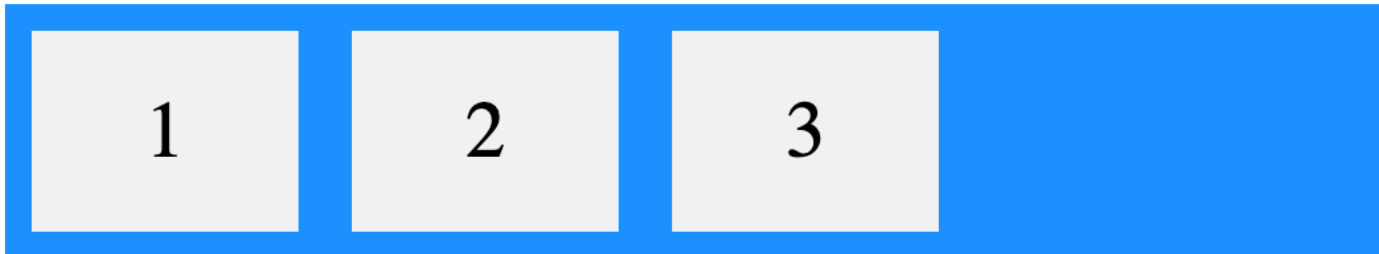
**flex-wrap: wrap-reverse**



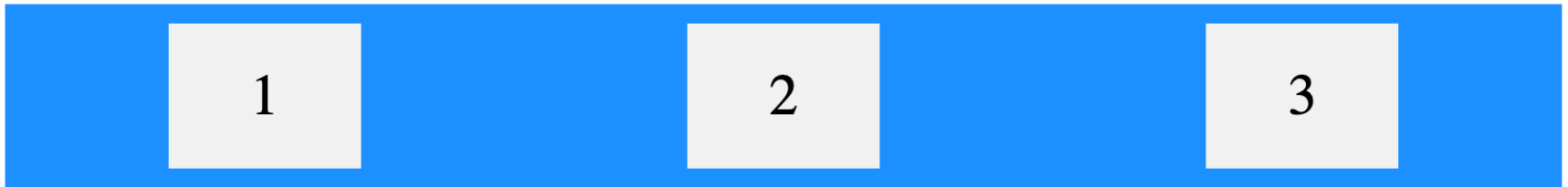
justify-content: center



`justify-content: flex-start`

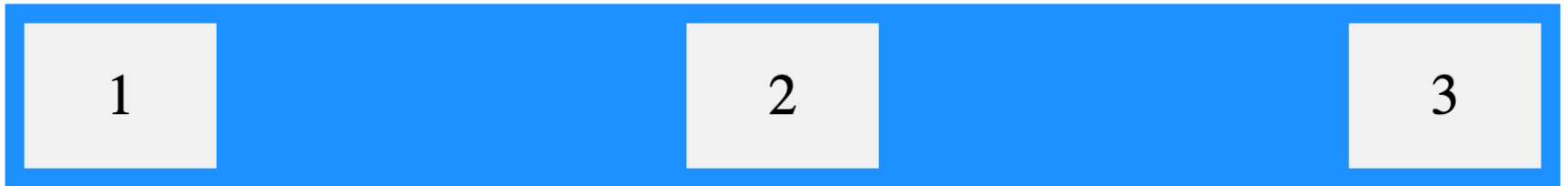


`justify-content: space-around`



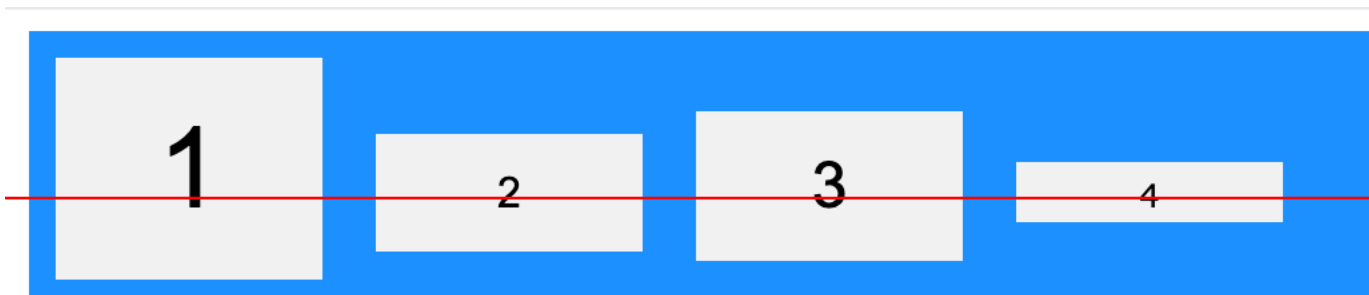


justify-content: space-between



# align-items

- Alinha os itens flex em relação ao vertical
- Com as possibilidades:
  - Stretch: estica os itens flex para encher o recipiente
  - Baseline: alinha os itens flex, como suas linhas de base



# align-content

- Alinha as linhas flex

