

CSS



CSS FLEXBOX

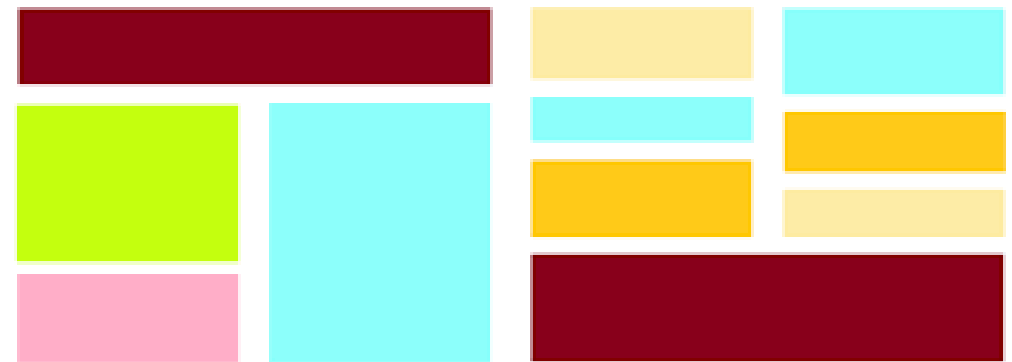
Flexbox – PWII

Cleiton Dias

Flexbox

O Flexbox é um conceito do CSS3 que visa organizar os elementos de uma página HTML dentro de seus containers de forma dinâmica.


Serve para criar layouts flexíveis, distribuindo espaços entre os itens de forma eficiente.



CSS FLEXBOX

```
10  ✓ <body>
11
12  ✓   <section class="container">
13      <div class="item">1</div>
14      <div class="item">2</div>
15      <div class="item">3</div>
16      <div class="item">4</div>
17      </section>
18
19  </body>
```

Hands ON

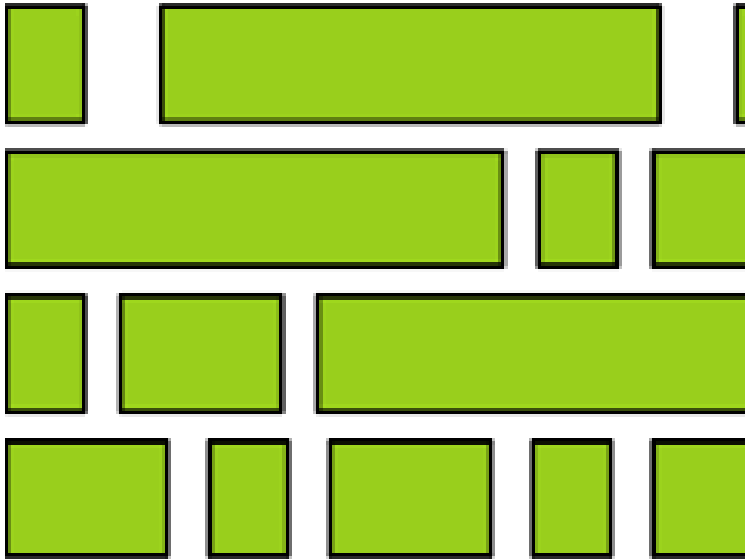


Para iniciar o flexbox, vamos usar o **display:flex**

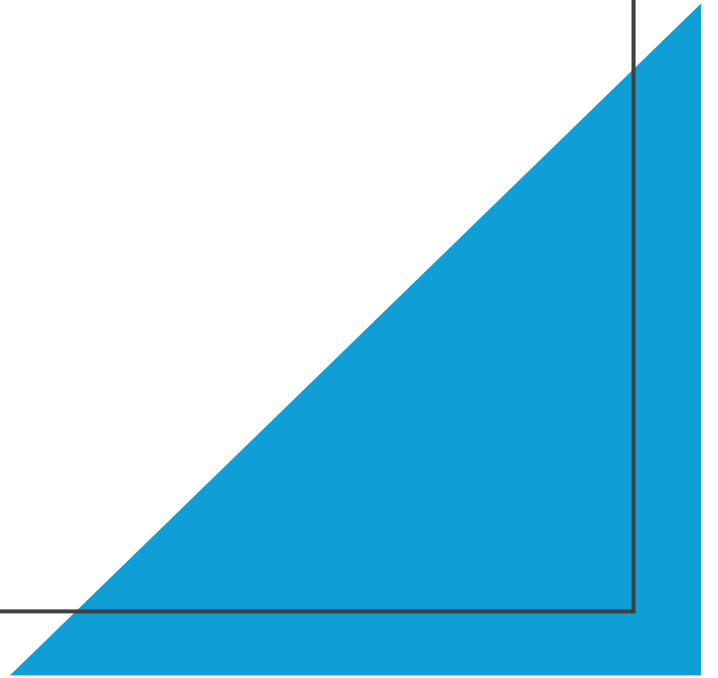
 index.css > ...

```
1  .container {  
2      display: flex;  
3  }  
4  |
```

Propiedades que utilizamos nos containers flexbox



- flex-direction
- flex-wrap
- flex-flow
- justify-content
- align-items
- align-content

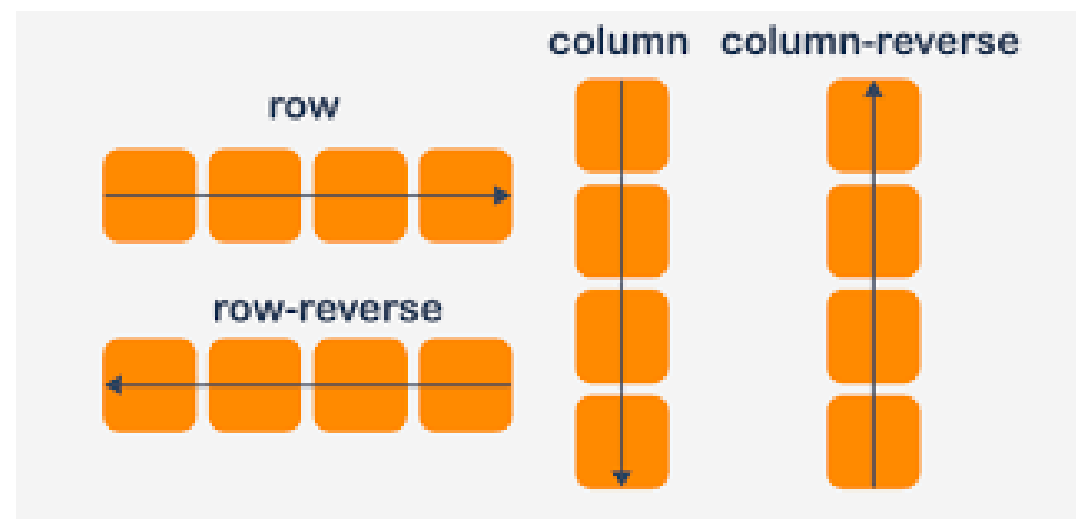


flex-direction

especifica a direção de exibição dos itens flexíveis no contêiner

A **flex-direction** propriedade pode ter um dos seguintes valores:

- row
- column
- row-reverse
- column-reverse

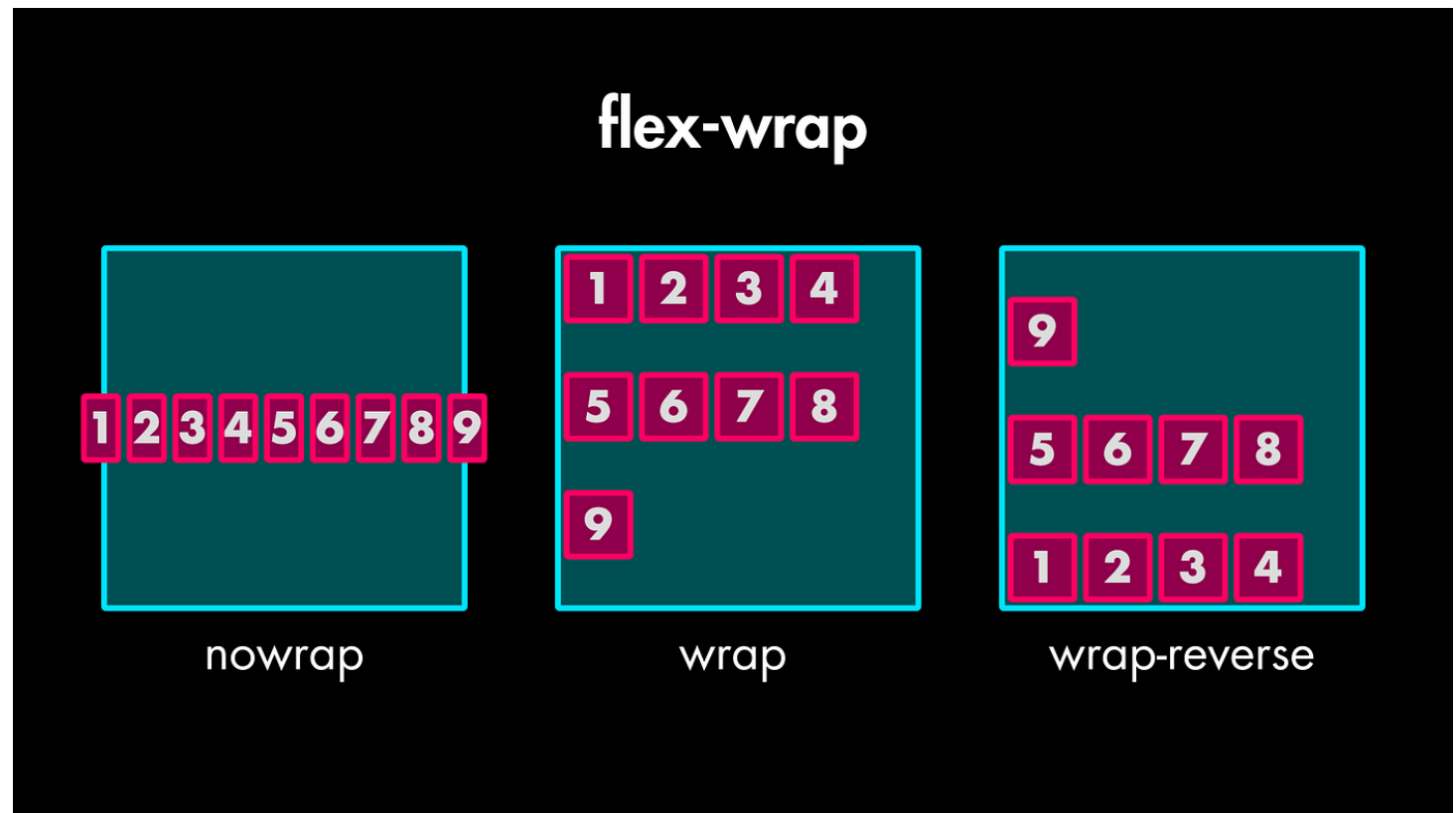


flex-wrap

especifica se os itens flexíveis devem ser quebrados ou não, caso não haja espaço suficiente para eles em uma linha flexível.

A **flex-wrap** propriedade pode ter um dos seguintes valores:

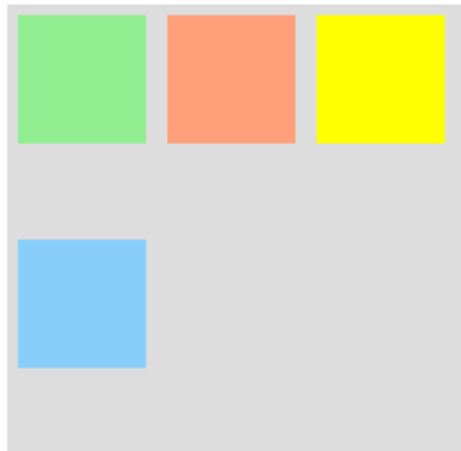
- nowrap
- wrap
- wrap-reverse



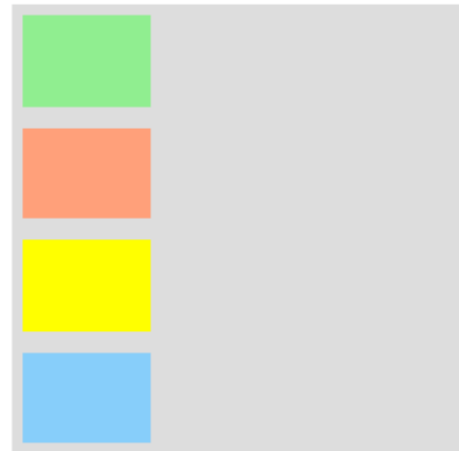
`flex-flow: row nowrap;`



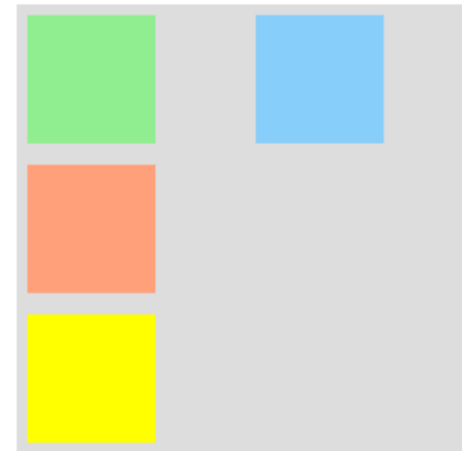
`flex-flow: row wrap;`



`flex-flow: column nowrap;`



`flex-flow: column wrap;`



flex-flow

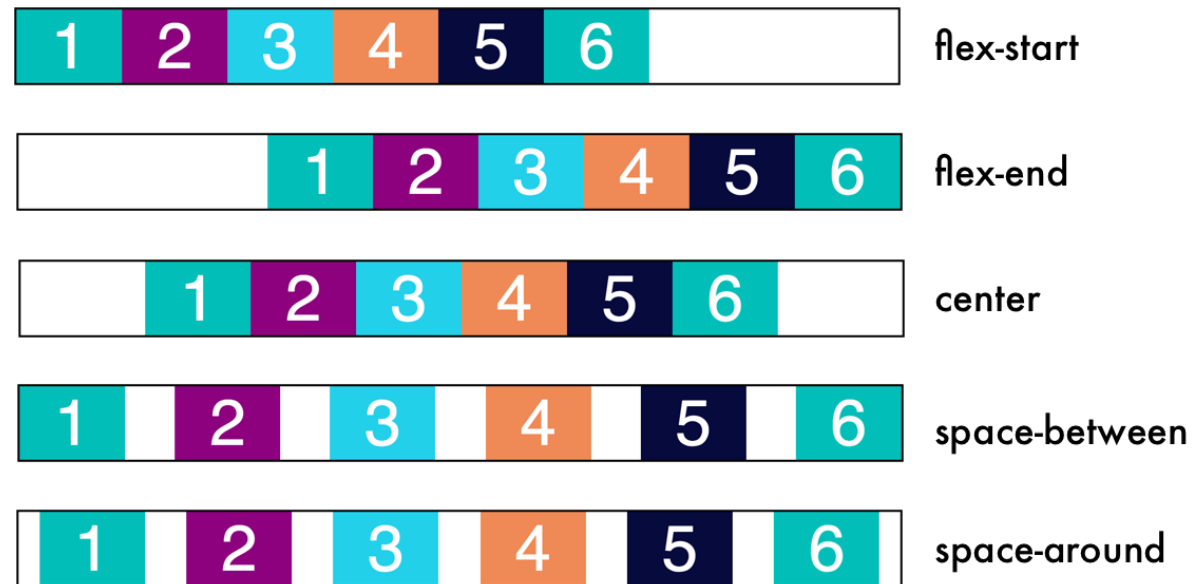
é uma propriedade abreviada para definir as propriedades **flex-direction** e **flex-wrap**.

justify-content

A **justify-content** propriedade é usada para alinhar os itens flexíveis quando eles não usam todo o espaço disponível no eixo principal (horizontalmente).

A **justify-content** propriedade pode ter um dos seguintes valores:

- center
- flex-start
- flex-end
- space-around
- space-between
- space-evenly

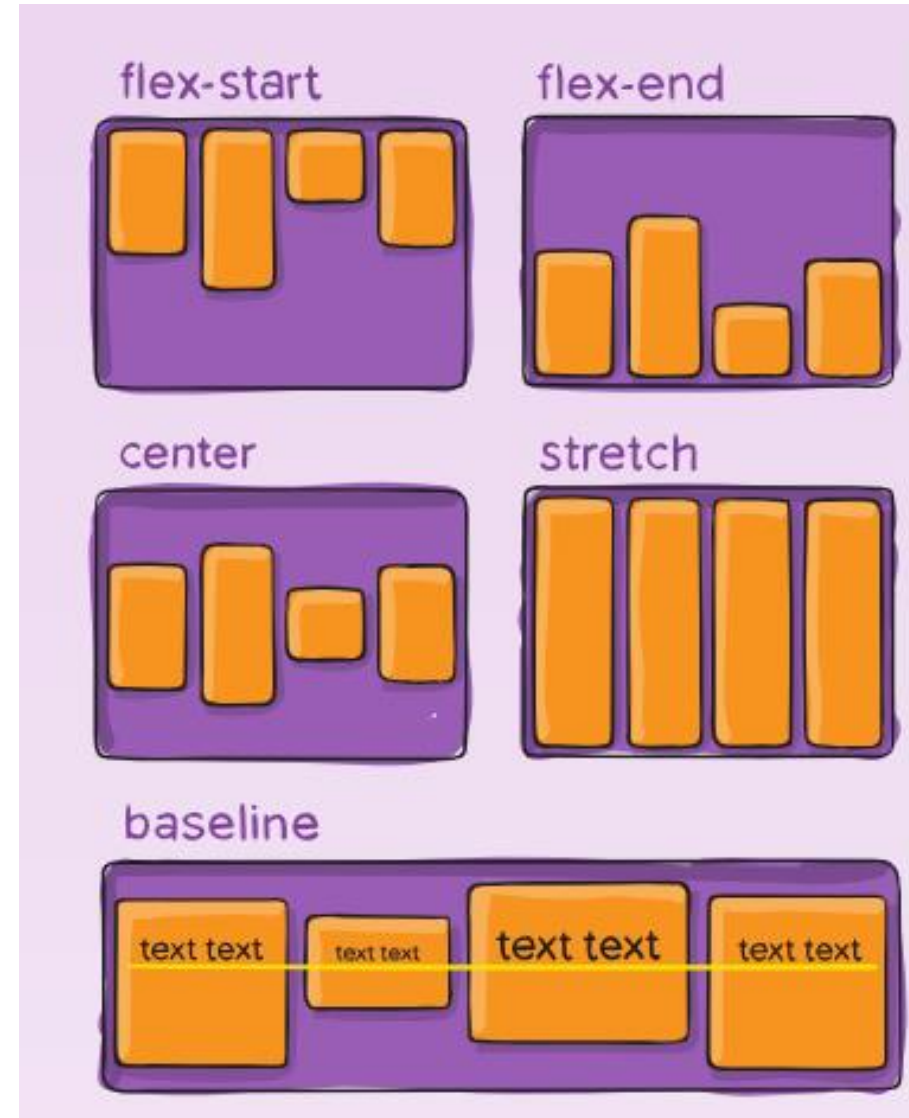


align-items

A **align-items** propriedade é usada para alinhar os itens flexíveis quando eles não usam todo o espaço disponível no eixo cruzado (verticalmente).

A **align-items** propriedade pode ter um dos seguintes valores:

- center
- flex-start
- flex-end
- stretch
- baseline



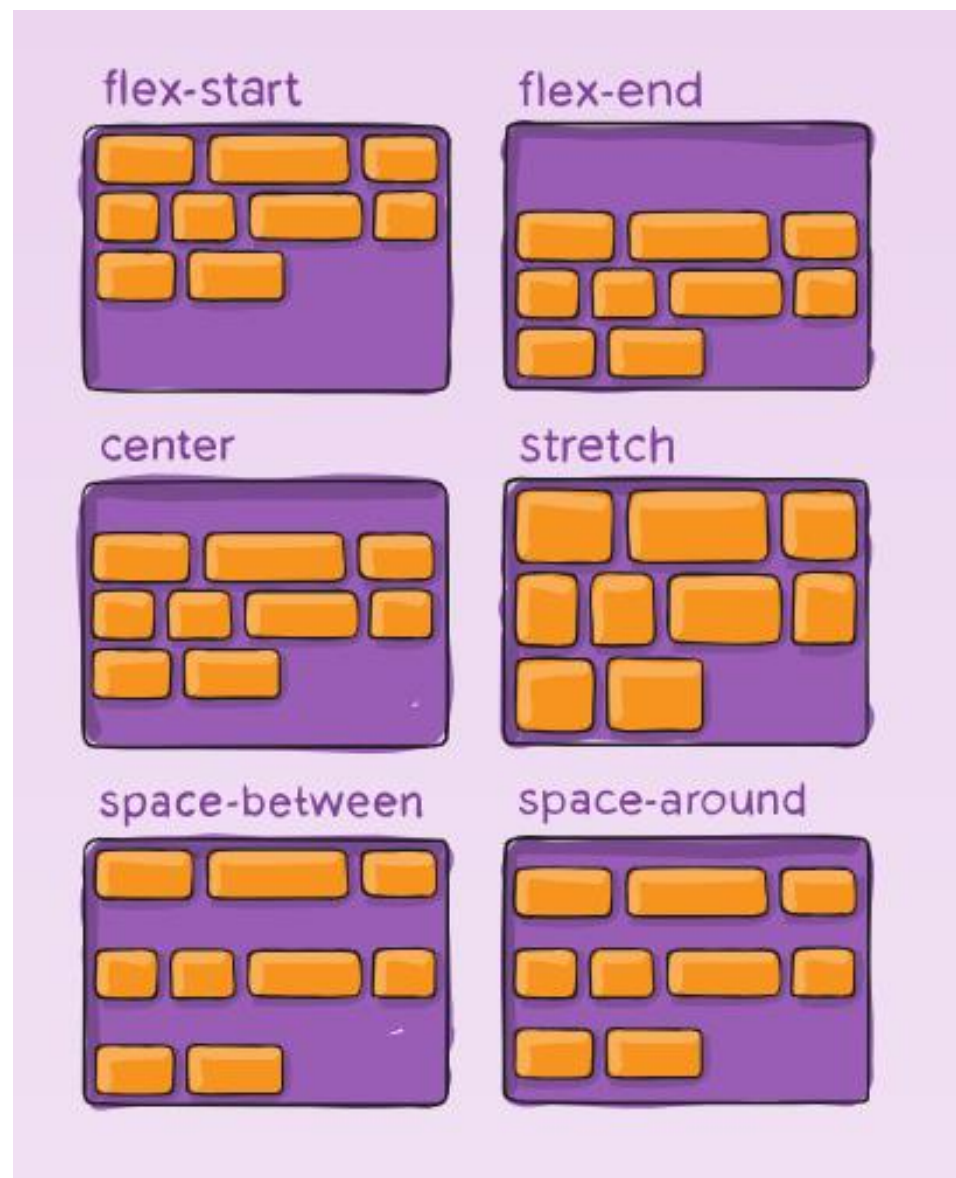
align-content

A **align-content** propriedade é usada para alinhar as linhas flexíveis.

A **align-content** propriedade é semelhante a align-items, mas em vez de alinhar itens, ela alinha as linhas.

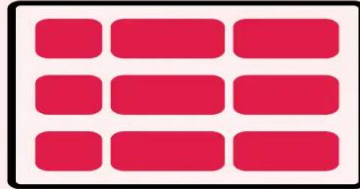
A **align-content** propriedade pode ter um dos seguintes valores:

- center
- stretch
- flex-start
- flex-end
- space-around
- space-between
- space-evenly

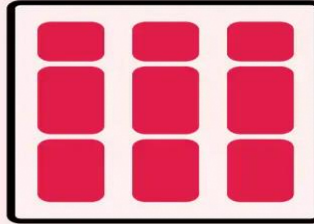


CSS Flexbox

flex-direction



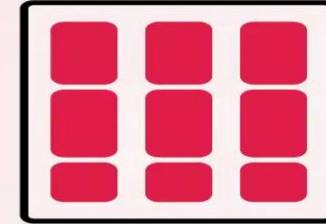
row



column

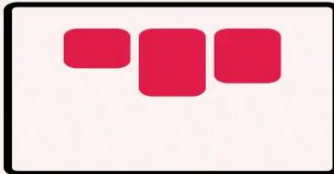


row-reverse

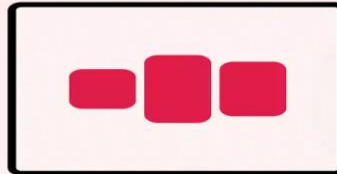


column-reverse

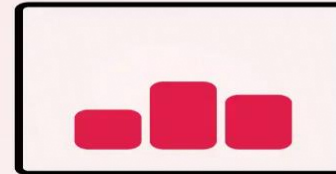
align-items



flex-start



center

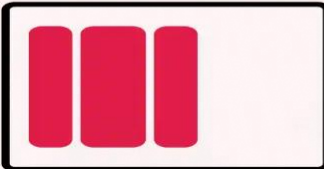


flex-end

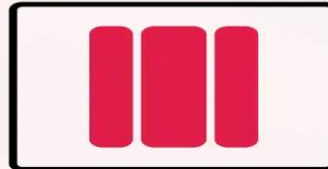


stretch

justify-content



flex-start



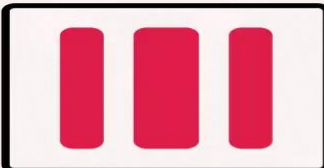
center



flex-end



space-between

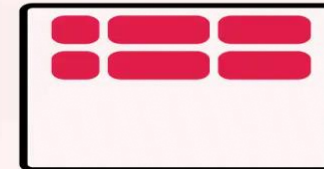


space-around



space-evenly

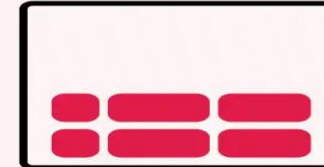
align-content



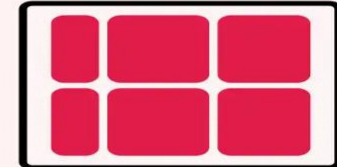
flex-start



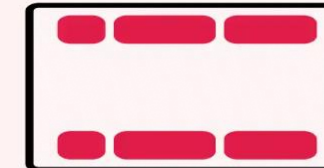
center



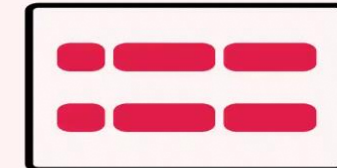
flex-end



stretch



space-between



space-around

Tem muitas coisas
que podemos
aprender...



Contatos



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(11) 9 3029-0421