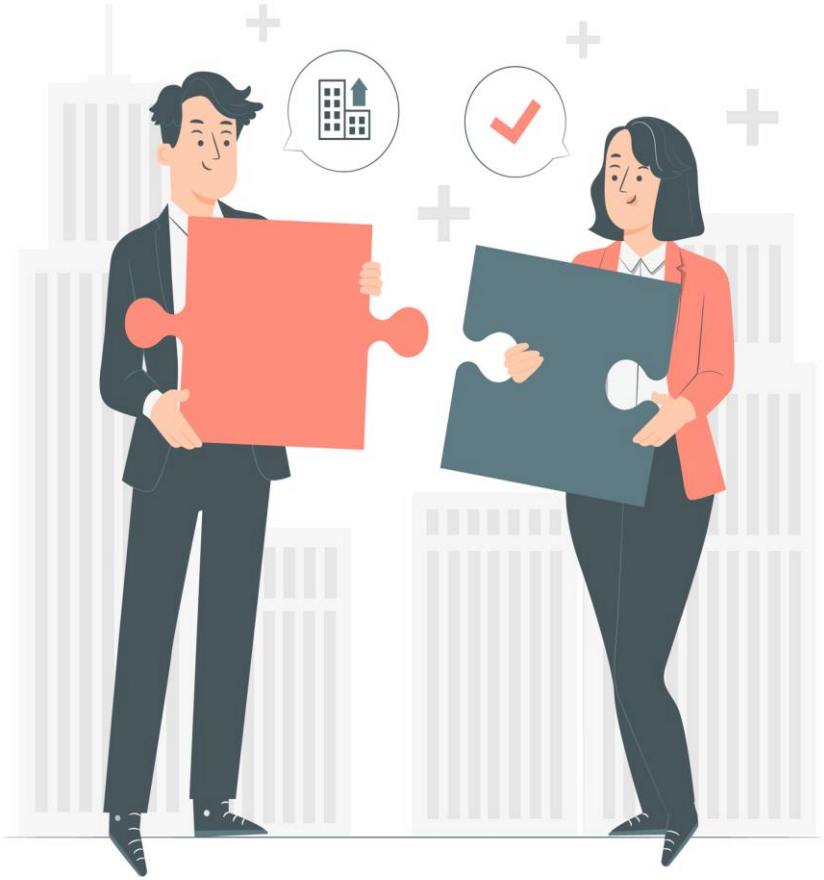

# Bootstrap 5 Chapter-3

## Introduction to Bootstrap FlexBox

Aitrich

# Flex Box

The bootstrap flexbox helps to make responsive web application content and their container.

Flexbox creates space between containers and elements based on the device screen size and is beneficial for responsive web design.

It controls the height, width, and size of the element according to the user's requirements and desired position.

It aligns the elements within the web application container as needed.

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# Flex Container

Place a flex container anywhere on the page to align items in a specific way.

Flex container is a class .d-flex or .d-inline-flex

Flex container with .d-flex will result in an element that takes up the whole width of its parent.

Flex container with .d-inline-flex will make its width vary depending on the width of its content.

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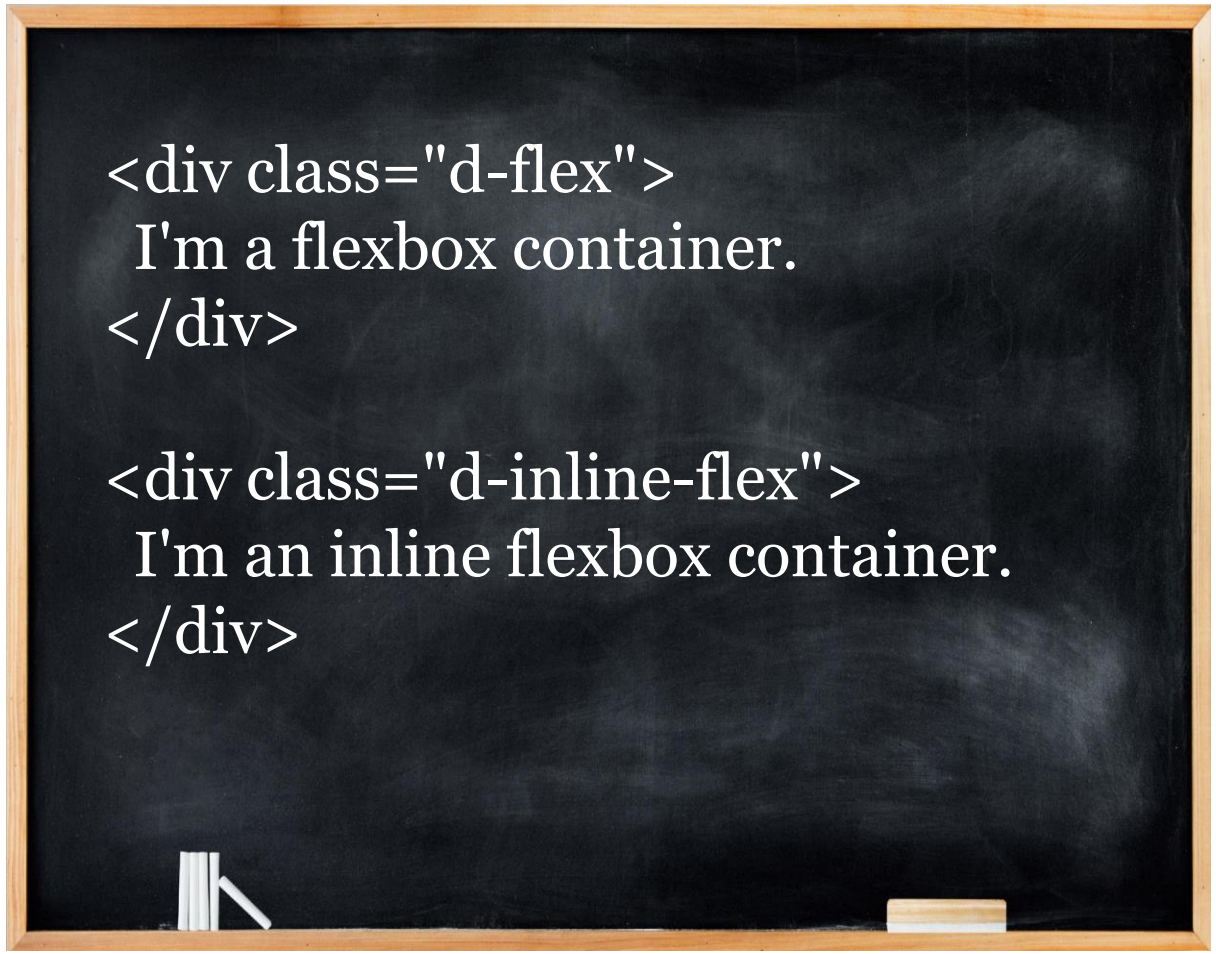
# Flex Container Example




I'm a flexbox container.

I'm an inline flexbox container.

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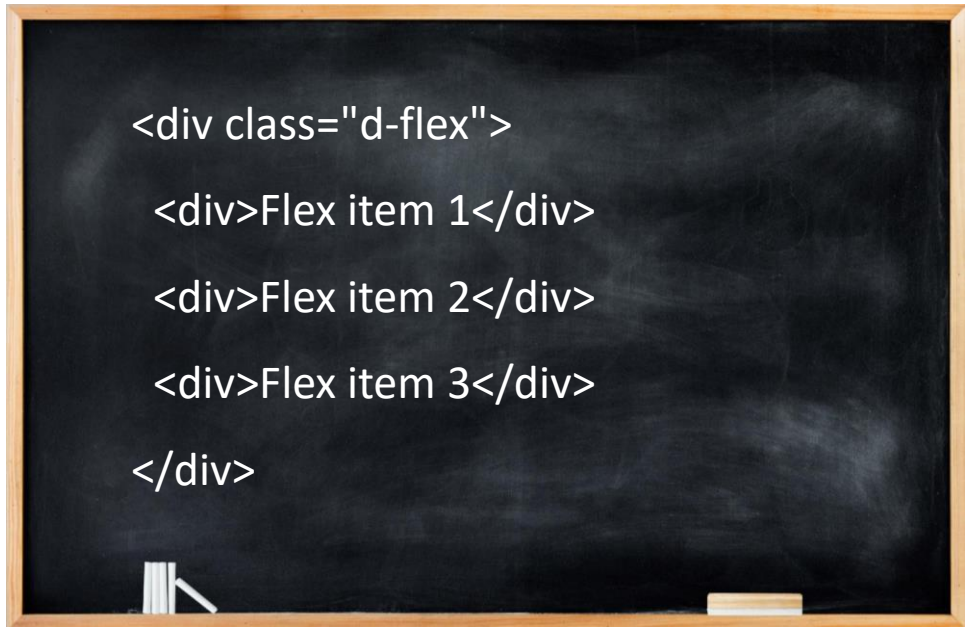
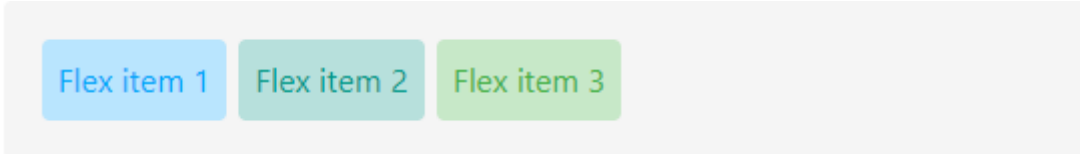
# Direction Of Flex Items

Align horizontally from left to right as a default behaviour

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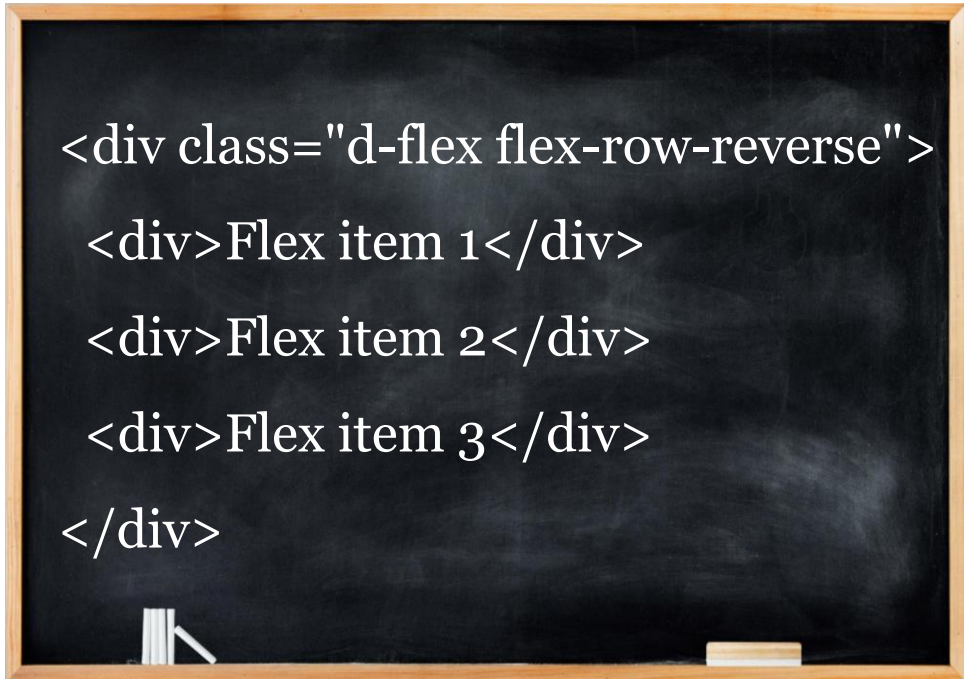
# Direction Of Flex Items

To have the items align from right to left you need to use the .flex-row-reverse class.




Flex item 3 Flex item 2 Flex item 1

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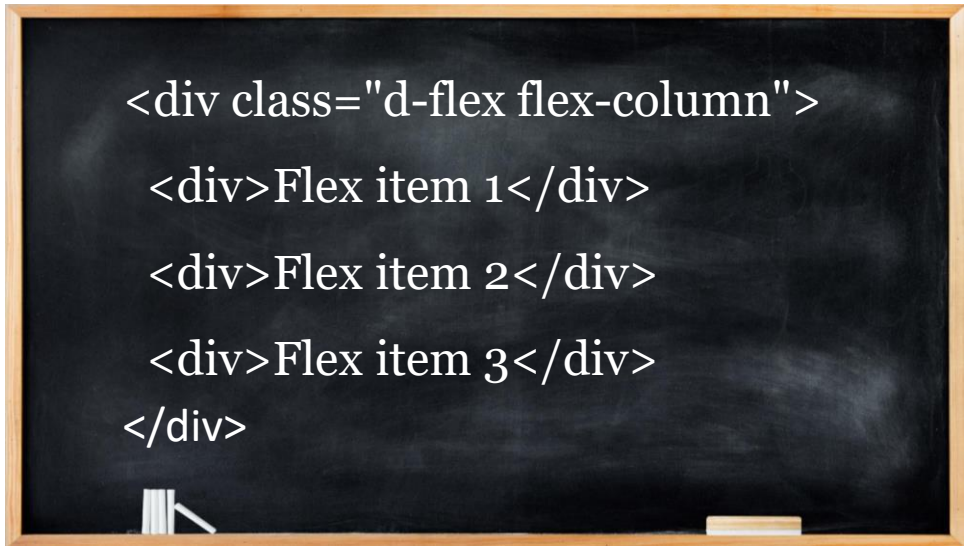
# Direction Of Flex Items

To align the items vertically use the class .flex-column.



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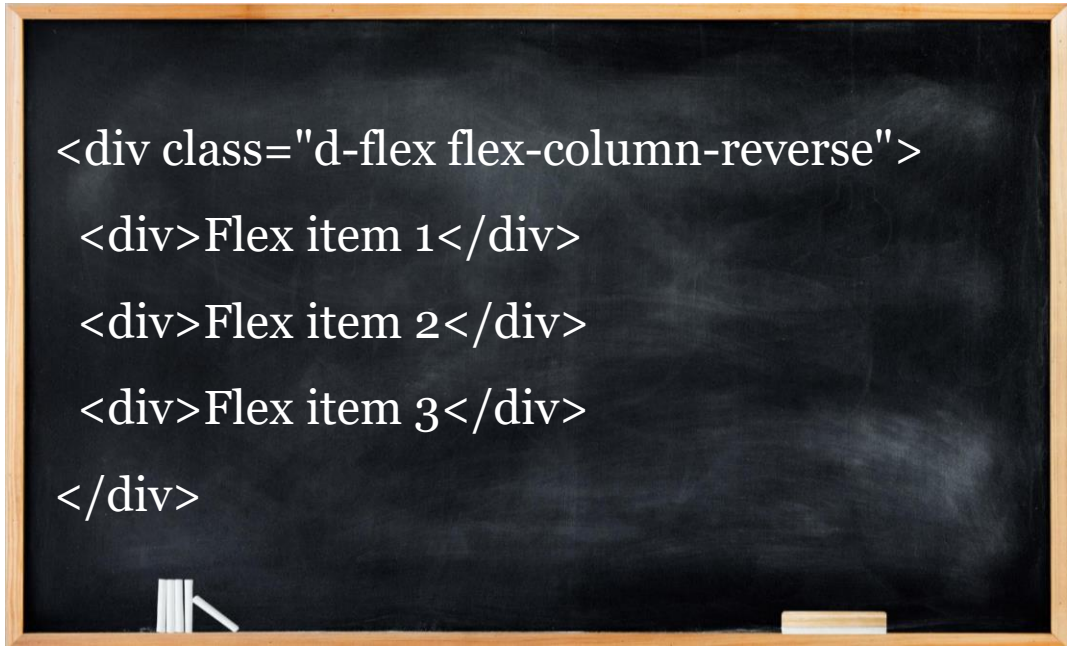
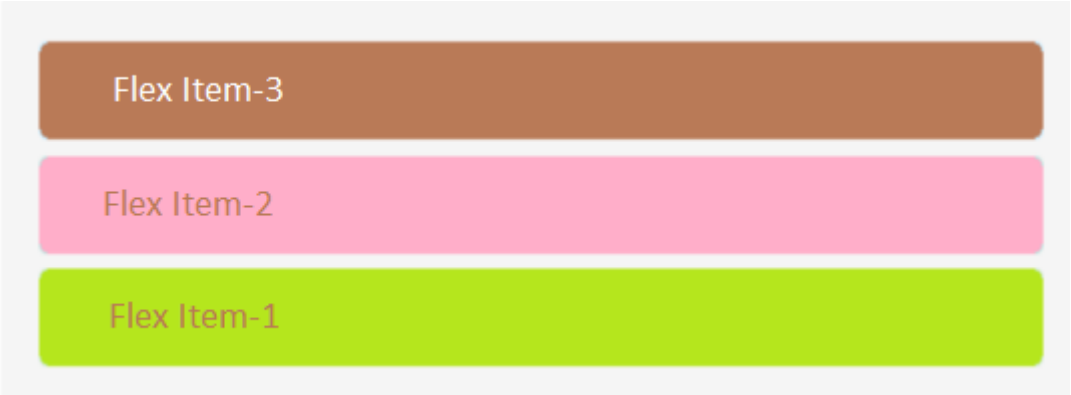
# Direction Of Flex Items

Align the items from down to top, you will need to use the class .flex-column-reverse.

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# Aligning Flex Items on the Main Axis

To align flex items on the main axis  horizontal  choose .flex-row and the vertical one if you are going with .flex-column.

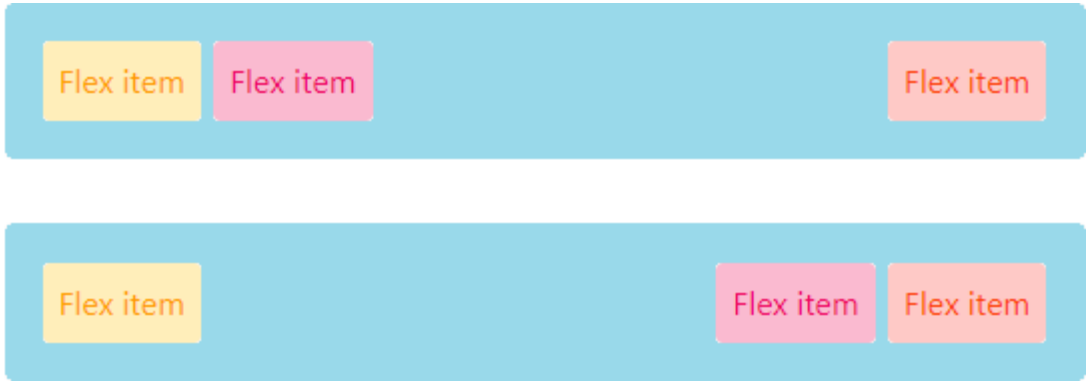
d-flex justify-content-start

d-flex justify-content-end

d-flex justify-content-center

# Aligning Individual Flex Items

Separate an element from the others on the primary axis using auto-margins.




```
<div class="row">
  <div class="col-6">
   <div class="d-flex">
    <div>Flex item</div>
    <div>Flex item</div>
    <div class="ml-auto">Flex
        item</div>
   </div></div>
```

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Thank
you