

# Introduction to Bootstrap | Part 2 | Cheat Sheet

## Flexbox Properties

### 1. Flexbox Container

The Bootstrap class name `d-flex` defines a Flexbox Container. The direct HTML elements in the Flexbox Container are called **flex items**.

```
i 1 - <div class="d-flex">
2 -   <div>
3 -     <h1>Tourism</h1>
4 -     <p>Plan your trip.</p>
5 -     <button>Get Started</button>
6 -   </div>
7 </div>
```

HTML

Help

- The HTML container element with the `class="d-flex"` is a Flexbox Container.
- The HTML container element `div` in Flexbox Container is a flex item. Because it is directly inside the Flexbox Container.
- The HTML main heading, paragraph, and button elements are not flex items. Because these elements are not directly inside the Flexbox Container.

#### Note

Wrapping HTML elements in the Flexbox Container is mandatory to apply other flex properties.

### 2. Flex Direction

The Flex Direction specifies the direction of the flex items in the Flexbox Container.

Class Name	Direction of the flex items in a Flexbox Container
<code>flex-row</code>	Horizontal
<code>flex-column</code>	Vertical

#### 2.1 flex-row

The Bootstrap class name `flex-row` is used to move the flex items **horizontally** in the Flexbox Container.

```
i 1 - <div class="d-flex flex-row">
2 -   <div>
3 -     <h1>Tourism</h1>
4 -     <p>Plan your trip.</p>
5 -     <button>Get Started</button>
6 -   </div>
7 </div>
```

HTML

Help

#### 2.2 flex-column

The Bootstrap class name `flex-column` is used to move the flex items **vertically** in the Flexbox Container.

```
i 1 - <div class="d-flex flex-column">
2 -   <div>
3 -     <h1>Tourism</h1>
4 -     <p>Plan your trip.</p>
5 -     <button>Get Started</button>
6 -   </div>
7 </div>
```

HTML

Help

#### Note

The Bootstrap class name `flex-row` is the default Flex Direction for the Flexbox Container. So, once `d-flex` is specified, all the flex items in the Flexbox Container display horizontally.

### 3. Justify Content

The Justify Content specifies the alignment of flex items along the Flex Direction in a Flexbox Container.

#### 3.1 justify-content-start

The Bootstrap class name `justify-content-start` is used to align the flex items at the start of the Flexbox Container either horizontally or vertically based on the Flex Direction.

Flex Direction	Alignment of flex items in a Flexbox Container
flex-row	Align flex items horizontally to the left
flex-column	Align flex items vertically to the top

Help

HTML

```
1 <div class="d-flex flex-column justify-content-start">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

#### 3.2 justify-content-center

The Bootstrap class name `justify-content-center` is used to align the flex items at the center of the Flexbox Container either horizontally or vertically based on the Flex Direction.

Flex Direction	Alignment of flex items in a Flexbox Container
flex-row	Align flex items horizontally to the center
flex-column	Align flex items vertically to the center

Help

HTML

```
1 <div class="d-flex flex-column justify-content-center">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```

#### 3.3 justify-content-end

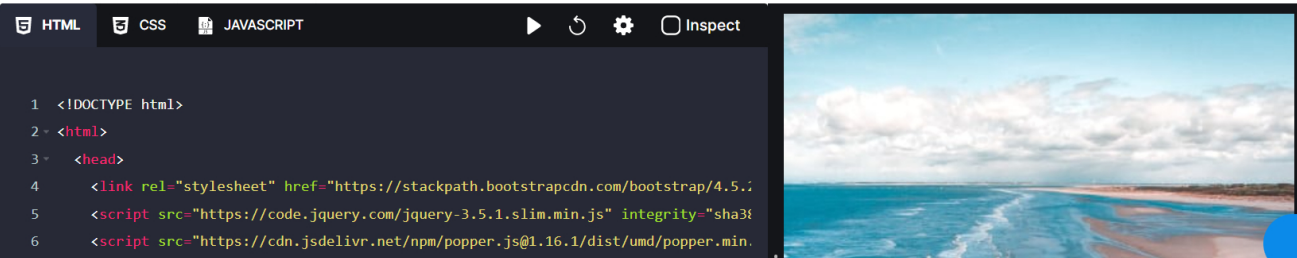
The Bootstrap class name `justify-content-end` is used to align the flex items at the end of the Flexbox Container either horizontally or vertically based on the Flex Direction.

Flex Direction	Alignment of flex items in a Flexbox Container
flex-row	Align flex items horizontally to the right
flex-column	Align flex items vertically to the bottom

Help

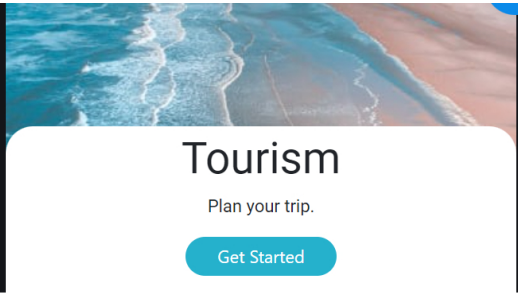
HTML

```
1 <div class="d-flex flex-column justify-content-end">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```



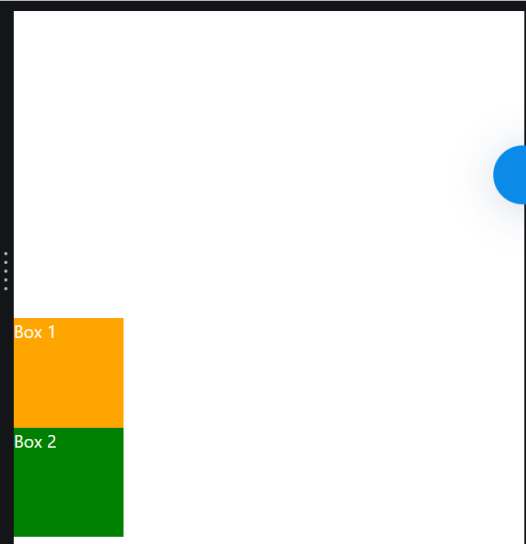
Help

```
7 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
8 </head>
9 <body>
10 <div class="bg-container d-flex flex-column justify-content-end">
11 <div class="tourism-card">
12 <h1 class="main-heading">Tourism</h1>
13 <p class="paragraph">Plan your trip.</p>
14 <button class="button">Get Started</button>
15 </div>
16 </div>
17 </body>
```



Try out changing the Flex Direction and Justify Content with the Bootstrap class names in the below Code Playground.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
5 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-J3691gh6aR79w/V1ez0uxUvJCxubPPzgZpV97o6RK44ZuXuW344z1yz7L+Zt9h" crossorigin="anonymous"></script>
6 <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-r18cshKJUMn/T0oza5F96AQ7ZuXX0rKg5H91OmM6Y" crossorigin="anonymous"></script>
7 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
8 </head>
9 <body>
10 <div class="d-flex flex-column justify-content-end box-container">
11 <div class="box box-orange"><p>Box 1</p></div>
12 <div class="box box-green"><p>Box 2</p></div>
13 </div>
14 </body>
15 </html>
```



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Notes

+ NEW NOTE

**B** *I* U ~~S~~

Title  
Take a Note

CANCEL

SAVE

Help