

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**.

```
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

- 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

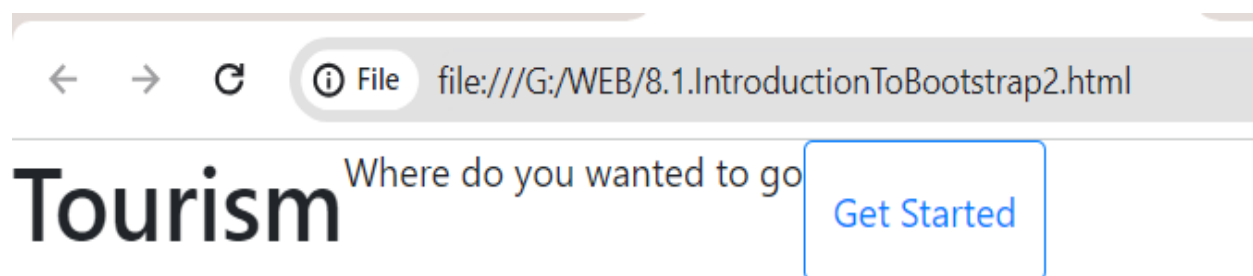
The Flex Direction specifies the direction of the flex items in the Flexbox Container.

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

2.1 flex-row

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

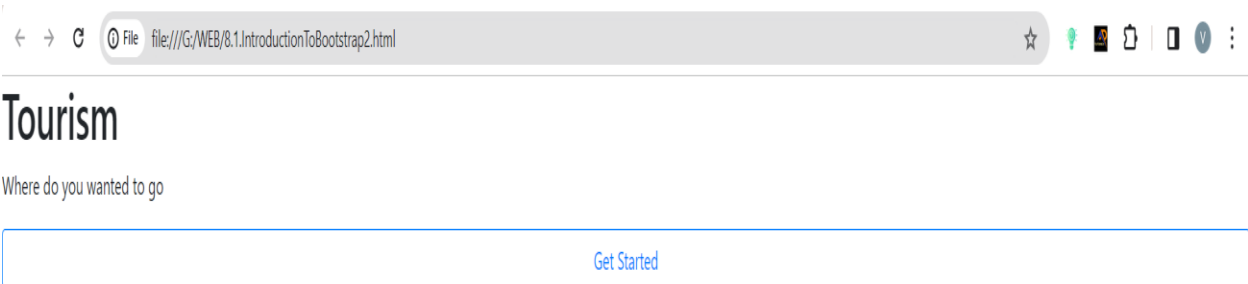
```
1 <div class="d-flex flex-row">
2   <div>
3     <h1>Tourism</h1>
4     <p>Plan your trip.</p>
5     <button>Get Started</button>
6   </div>
7 </div>
```



2.2 flex-column

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

```
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>
```



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.

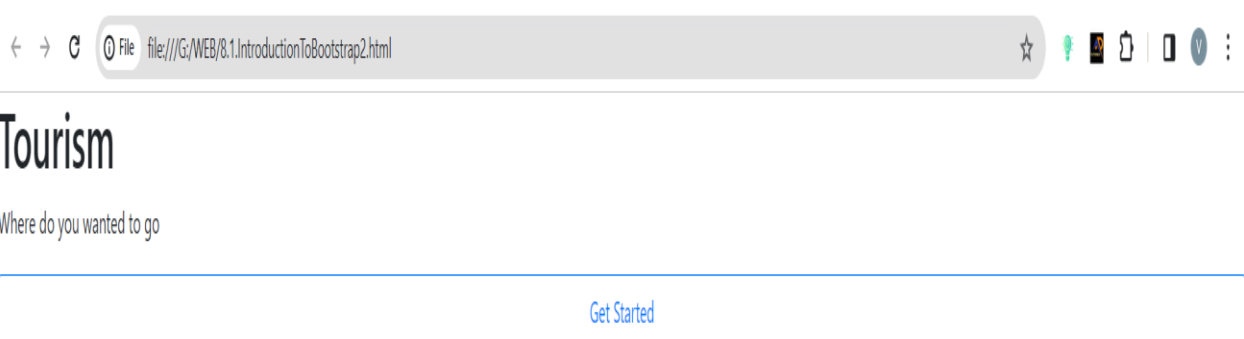
3.1 justify-content-start

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

```
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>
```

HTML



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
<code>flex-row</code>	Align flex items horizontally to the center
<code>flex-column</code>	Align flex items vertically to the center

```
<body>
  <div class="d-flex flex-row justify-content-center">
    <div>
      <h1>Tourism</h1>
      <p>Where do you wanted to go</p>
    </div>
  </div>
</body>
```



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
<code>flex-row</code>	Align flex items horizontally to the right
<code>flex-column</code>	Align flex items vertically to the bottom

```
<body>
  <div class="d-flex flex-row justify-content-end">
    <div>
      <h1>Tourism</h1>
      <p>Where do you wanted to go</p>
    </div>
  </div>
</body>
```



