

CSS

FLEXBOX & CSS GRID

FLEXBOX

Direction



IN A ROCKET

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Flex container



“The **flex-direction** property specifies how flex items are placed in the flex container, by setting the direction of the flex container’s main axis.”



SOURCE: [CSS Flexible Box Layout Module Level 1](#) by W3C.

flex-direction

row (default)

row-reverse

column

column-reverse

flex-direction

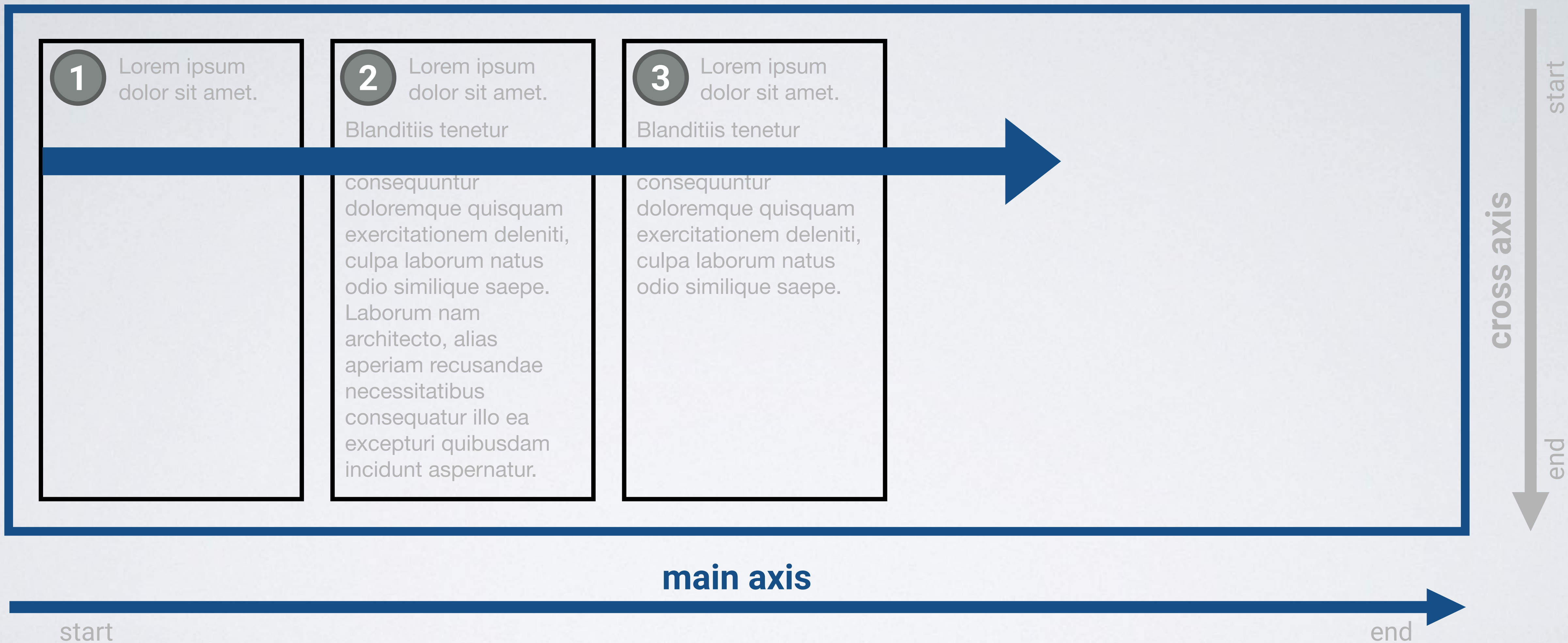
row (default)

row-reverse

column

column-reverse

flex-direction: row



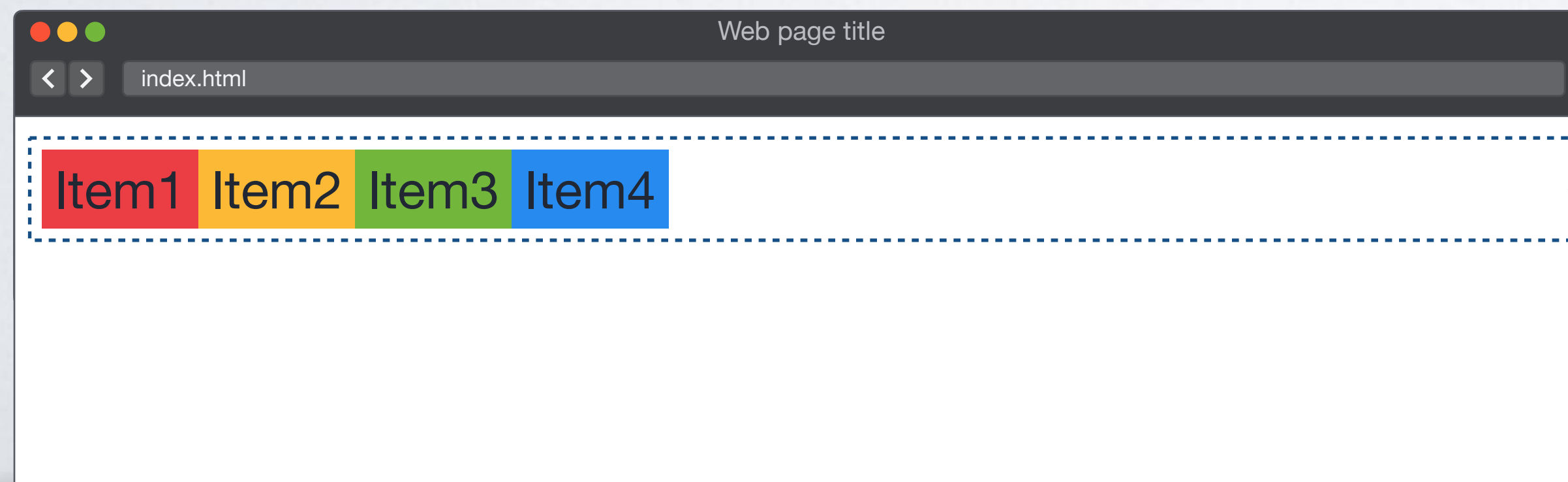
HTML

```
<body>
<div class="container">
  <div>Item1</div>
  <div>Item2</div>
  <div>Item3</div>
  <div>Item4</div>
</div>
</body>
```

CSS

```
.container {
  display: flex;
  flex-direction: row; /* Default value */
}
```

Browser



container

flex-direction

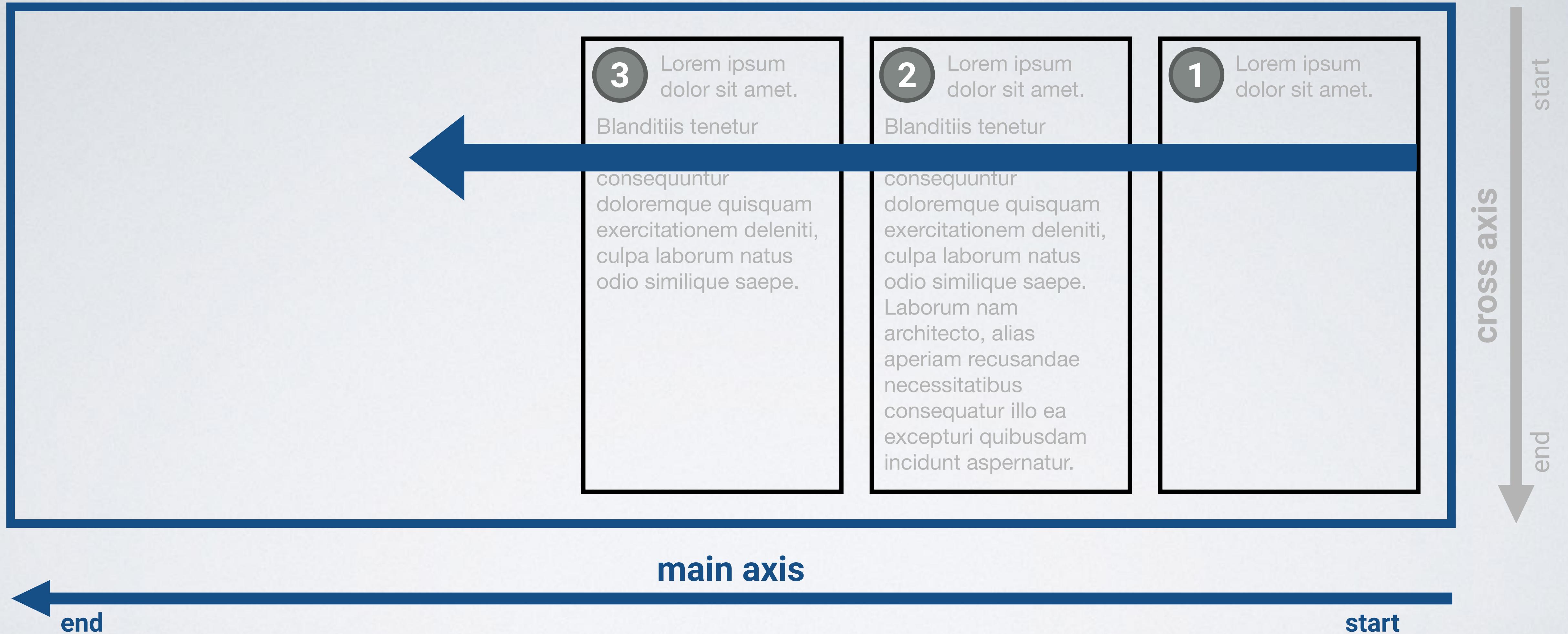
row

row-reverse

column

column-reverse

flex-direction: row-reverse



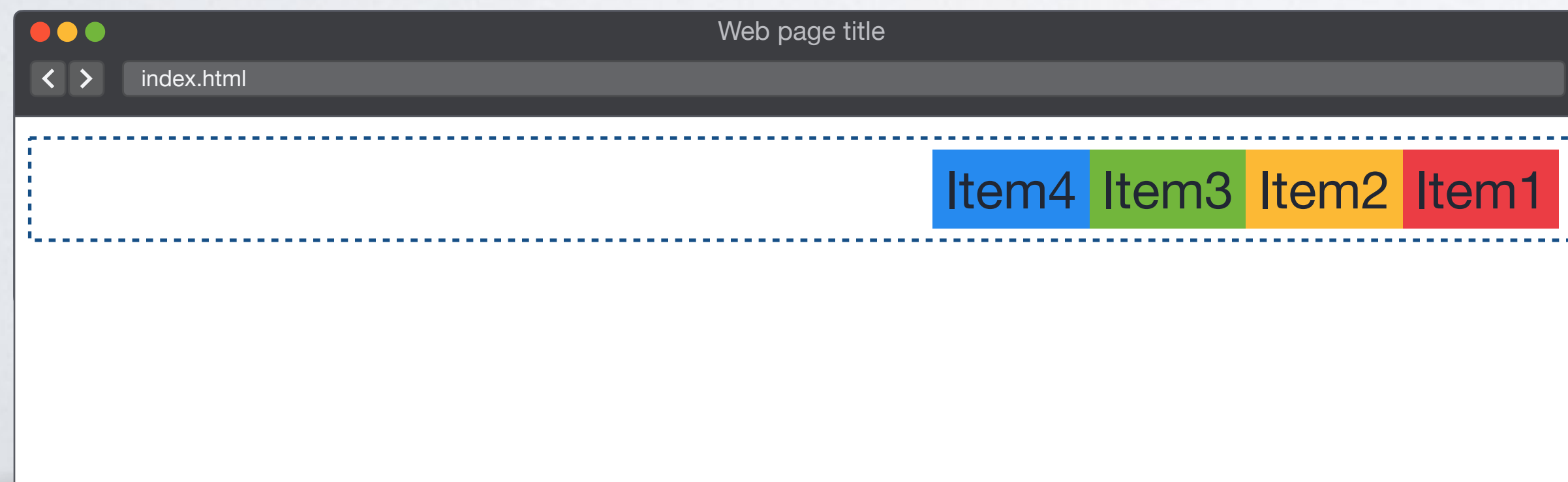
HTML

```
<body>
<div class="container">
  <div>Item1</div>
  <div>Item2</div>
  <div>Item3</div>
  <div>Item4</div>
</div>
</body>
```

CSS

```
.container {
  display: flex;
  flex-direction: row-reverse;
}
```

Browser



flex-direction

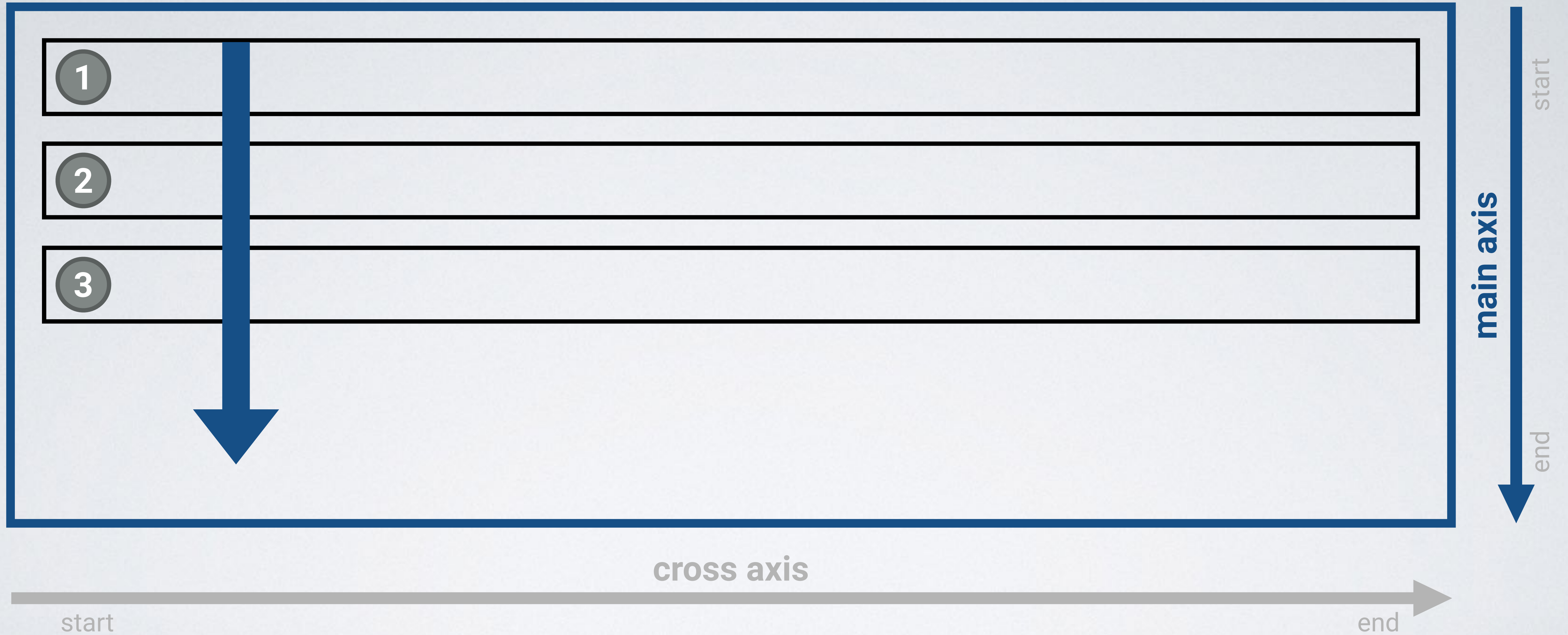
row

row-reverse

column

column-reverse

flex-direction: column



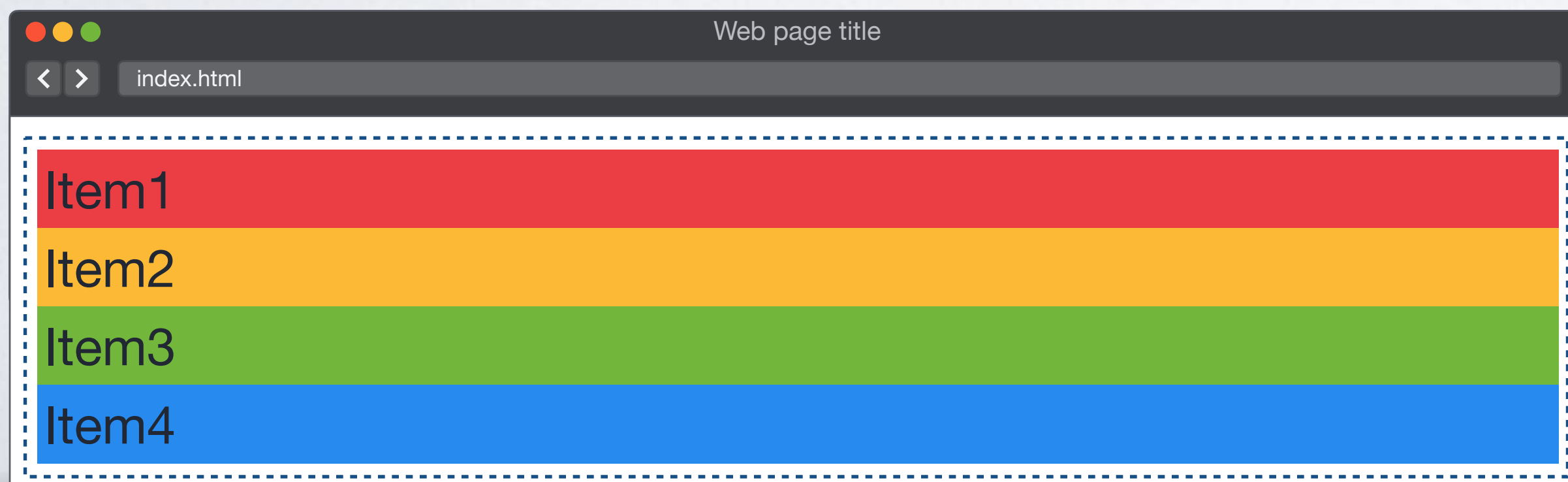
HTML

```
<body>
<div class="container">
  <div>Item1</div>
  <div>Item2</div>
  <div>Item3</div>
  <div>Item4</div>
</div>
</body>
```

CSS

```
.container {
  display: flex;
  flex-direction: column;
}
```

Browser



flex-direction

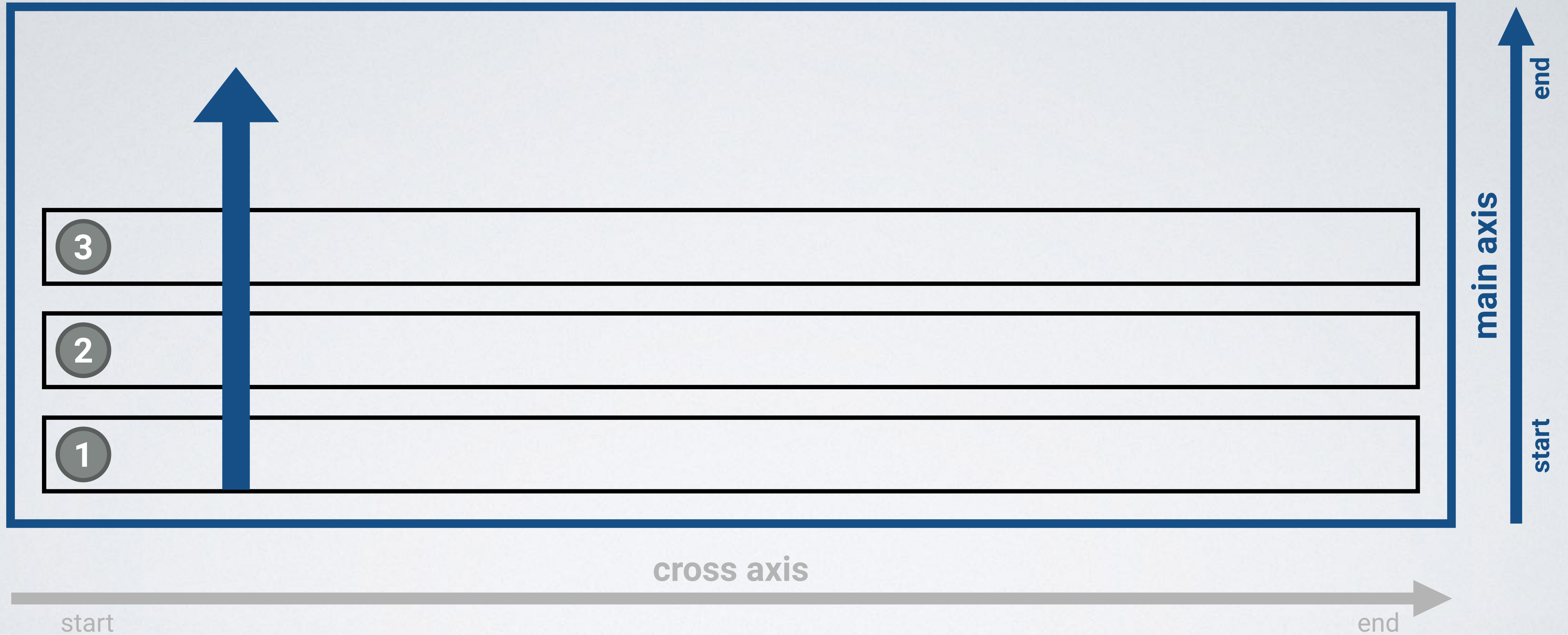
row

row-reverse

column

column-reverse

flex-direction: column-reverse



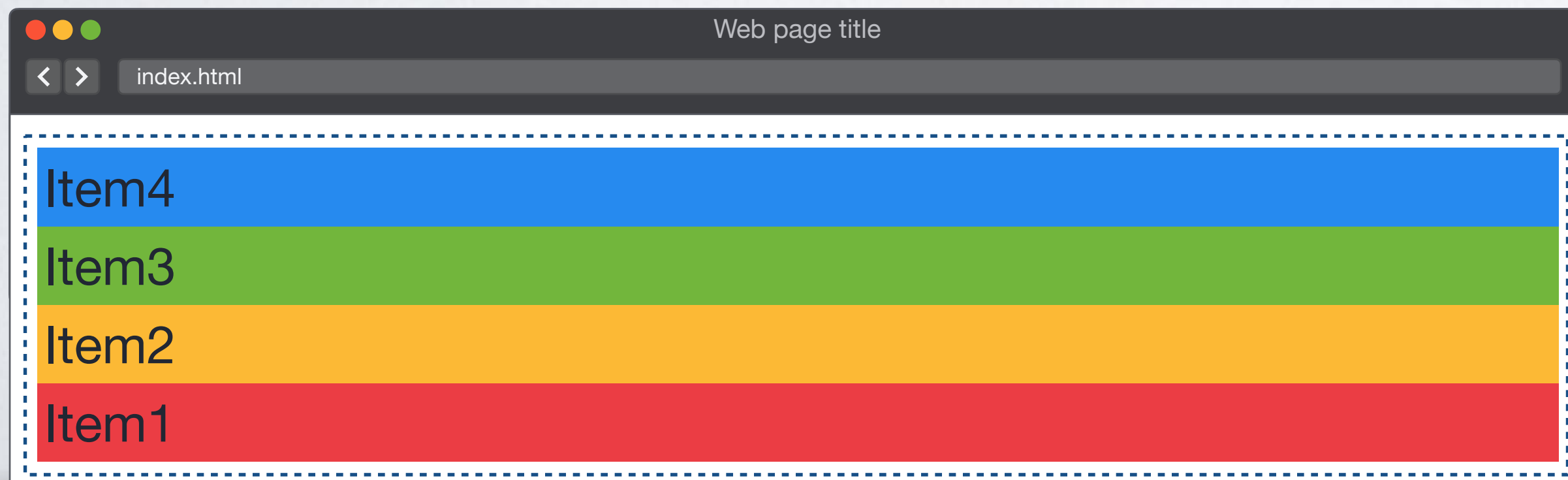
HTML

```
<body>
<div class="container">
  <div>Item1</div>
  <div>Item2</div>
  <div>Item3</div>
  <div>Item4</div>
</div>
</body>
```

CSS

```
.container {
  display: flex;
  flex-direction: column-reverse;
}
```

Browser



flex-direction

- ✓ row (default)
- ✓ row-reverse
- ✓ column
- ✓ column-reverse

CSS

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