Praktikum 6 - Web
RWD

Normal Flow

```
<h1>Basic document flow</h1>

<p>I am a basic ...</p>

<p>By default we span ...</p>

<p>We are separated ...</p>

<p>inline elements <span>like this one</span> and</p>
```

Basic document flow

I am a basic block level element. My adjacent block level elements sit on new lines below me.

By default we span 100% of the width of our parent element, and we are as tall as our child content. Our total width and height is our content + padding + border width/height.

We are separated by our margins. Because of margin collapsing, we are separated by the width of one of our margins, not both.

inline elements like this one and this one sit on the same line as one another, and adjacent text nodes, if there is space on the same line. Overflowing inline elements will wrap onto a new line if possible (like this one containing text), or just go on to a new line if not, much like this image will do:
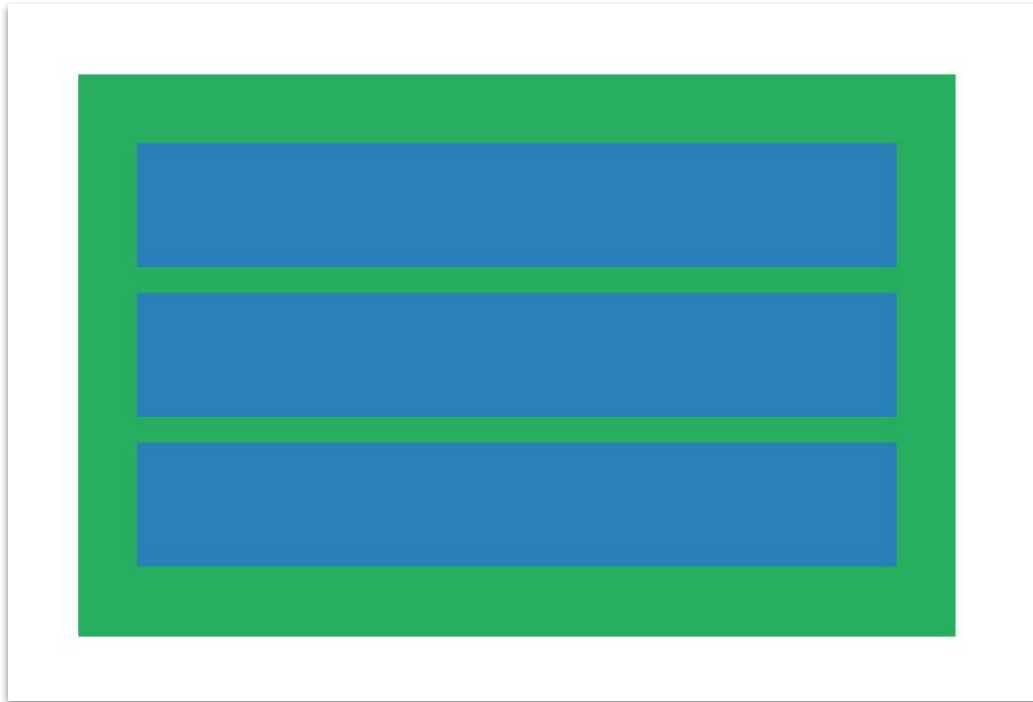
Flexbox - Terminology

Flexbox:
- Flex Container
- Flex Item

Flexbox - Create First Flex

Flexbox Container - Display

Flex Container:
- display: flex

Flexbox Container - Direction

Flex Container:
- flex-direction: row
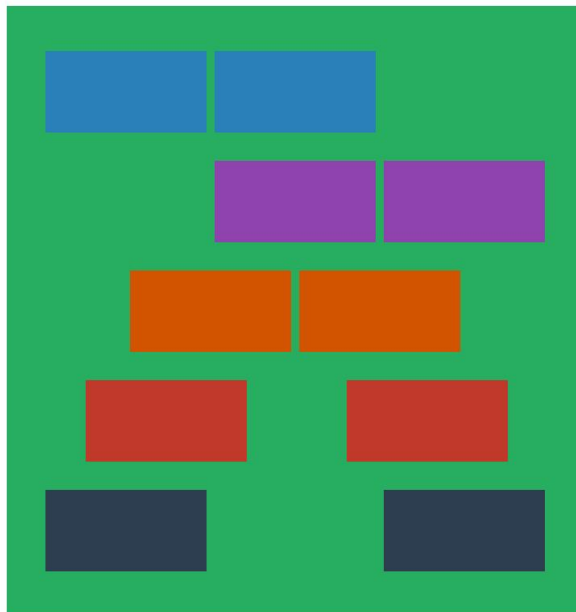- flex-direction: column

Flexbox Container - Wrap

Flex Container:
- flex-wrap: wrap

Flexbox Container - Justify Content

Flex Container:
- justify-content: flex-start
- justify-content: flex-end
- justify-content: center
- justify-content: space-around
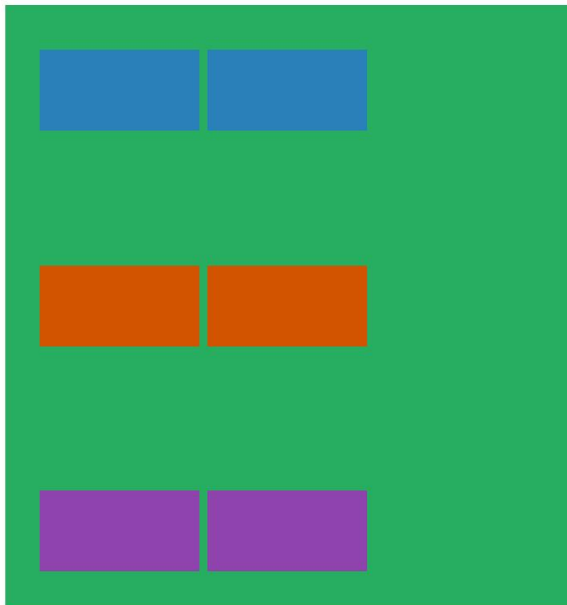- justify-content: space-between

Flexbox Container - Align Items

Flex Container:
- align-items: flex-start
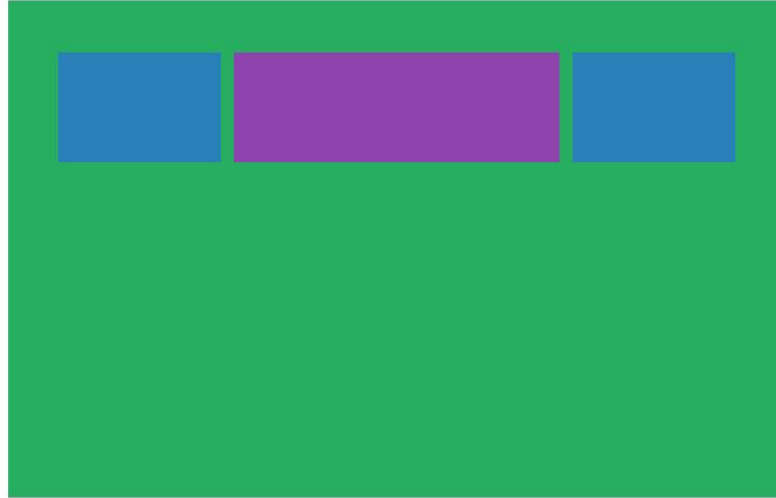- align-items: flex-end
- align-items: center

Flexbox Item - Flex Grow

Flex Item:

- flex-grow: 2

Flexbox Item - Flex Basis

Flex Item:
- flex-basis: 100px
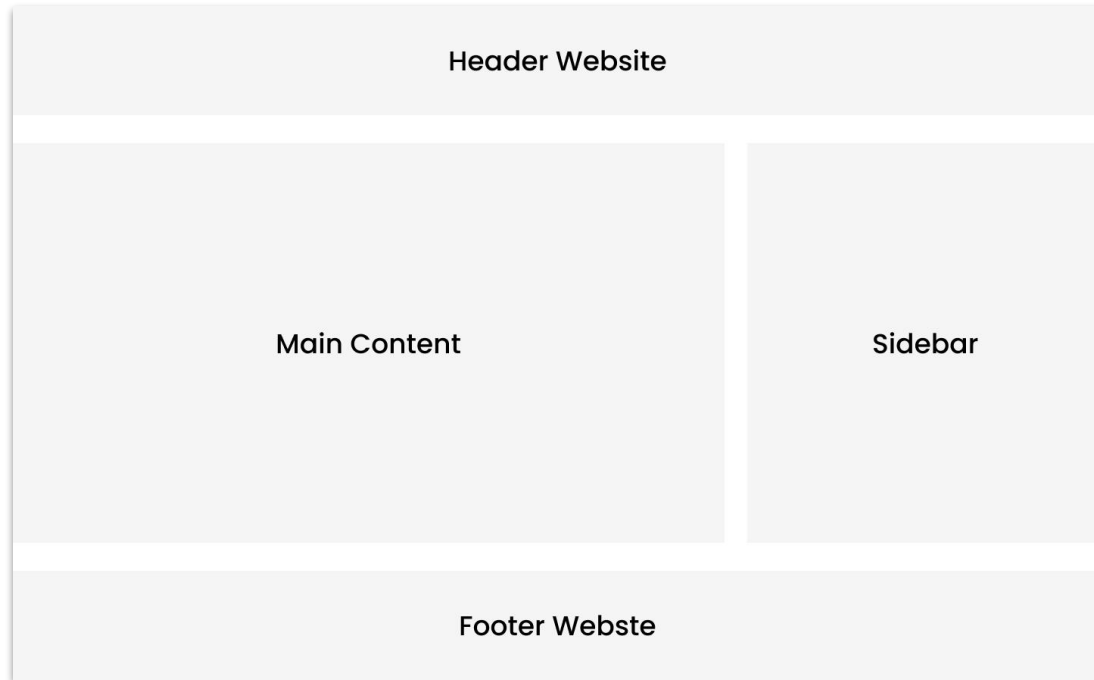- flex-basis: 200px
- flex-basis: 300px

Flexbox Item - Flex Order

Flex Item:

- order: 3

Flexbox - Example

Header Website

Main Content

Sidebar

Footer Webste

RWD - Terminology

A set of practices that allows web pages to alter their layout and appearance to suit different screen widths, resolutions, etc. It is an idea that changed the way we design for a multi-device web

RWD - Viewport

```html
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

RWD - Media Query

```
@media screen and (min-width: 800px) {


}
```
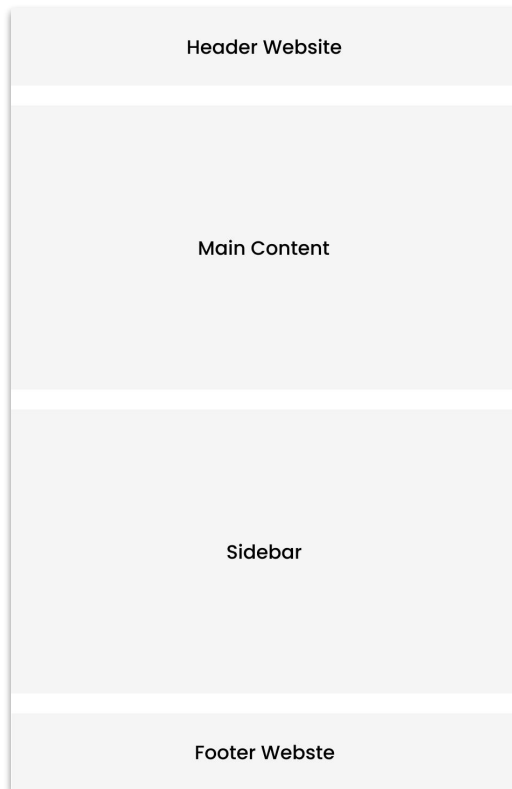
RWD - Breakpoint

Breakpoint
- small: 576px
- medium: 768px
- large: 992px

```css
@media screen and (max-width: 576px) {


}

@media screen and (min-width: 768px) {


}

@media screen and (min-width: 992px) {


}
```

RWD - Example

Header Website
Main Content
Sidebar
Footer Webste

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- Freecodecamp: [CSS Flexbox Course](#)
- Web Programming Unpas: [Belajar Flexbox](#)
- Freecodecamp: [Introduction To Responsive Web Design](#)