



FLEXBOX



FLEXBOX

INTRODUCTION TO FLEXBOX

WHAT IS FLEXBOX

FLEX CONTAINER & FLEX ITEMS

MAIN AND CROSS AXIS

FLEX DIRECTION

CSS PROPERTIES

CONTENT



INSIDE THE BOX

FONT SIZE

FONT WEIGHT

BACKGROUND COLOR

BOX



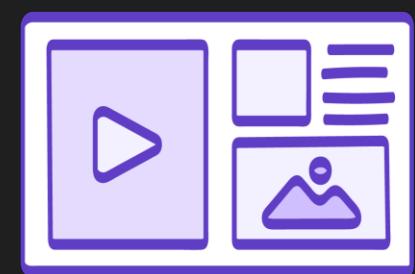
THE BOX ITSELF

WIDTH & HEIGHT

BORDER

MARGIN

LAYOUT



WHERE BOXES GO

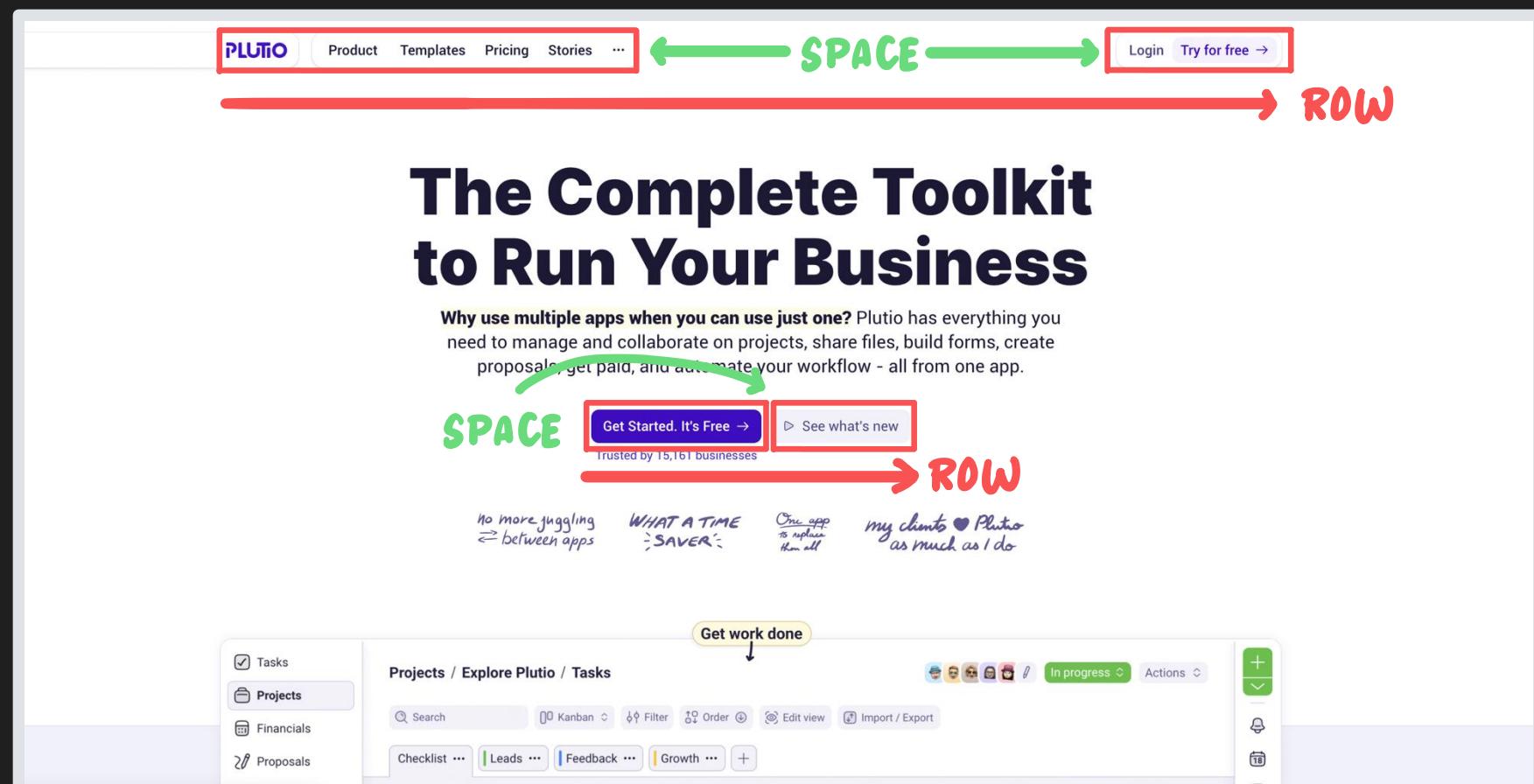
FLEXBOX

GRID

POSITION

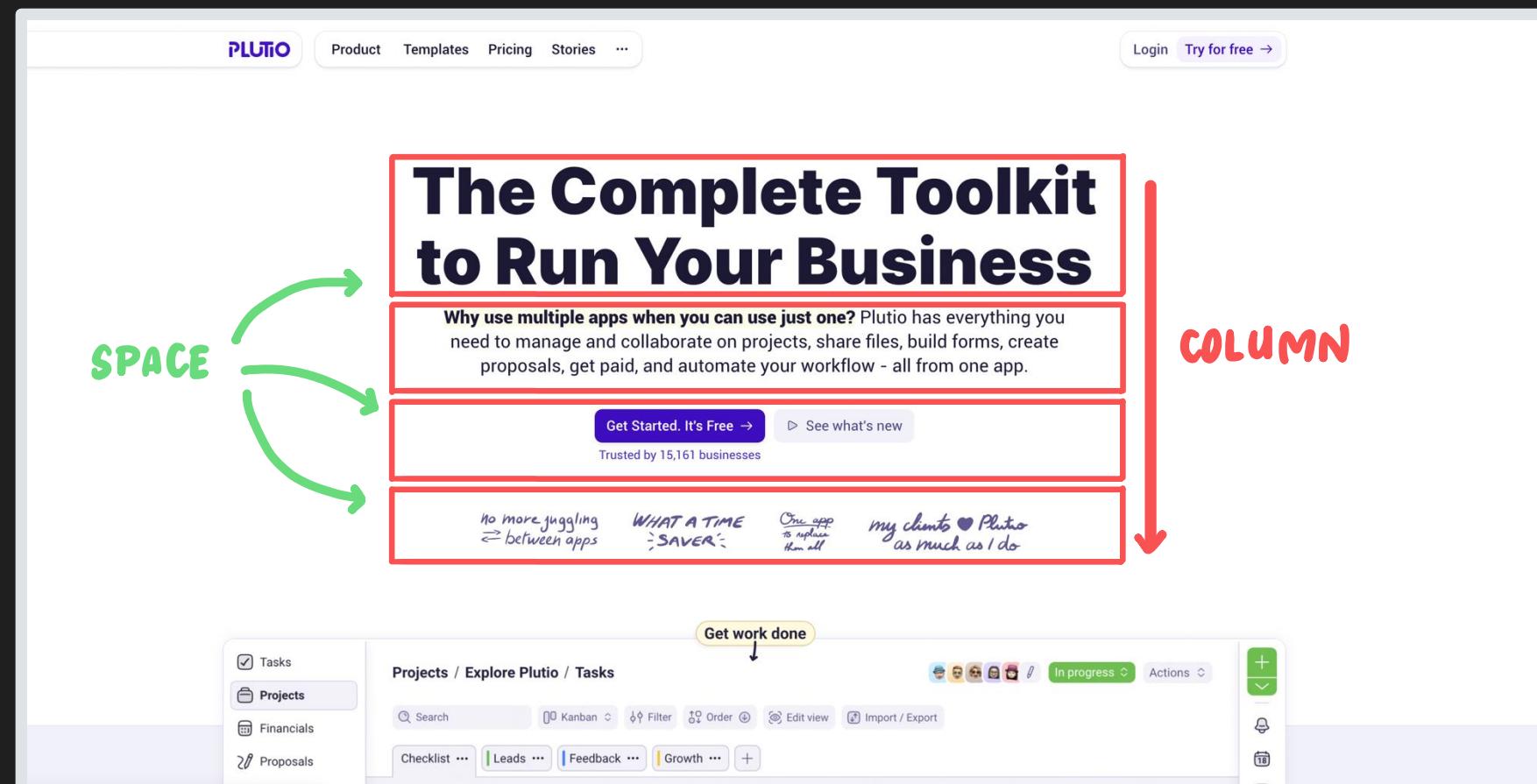
WHAT IS FLEXBOX?

FLEXBOX IS A ONE-DIMENSIONAL LAYOUT MODEL MAKING IT SIMPLE TO ARRANGE ITEMS IN ROWS OR COLUMNS AND DISTRIBUTE SPACE



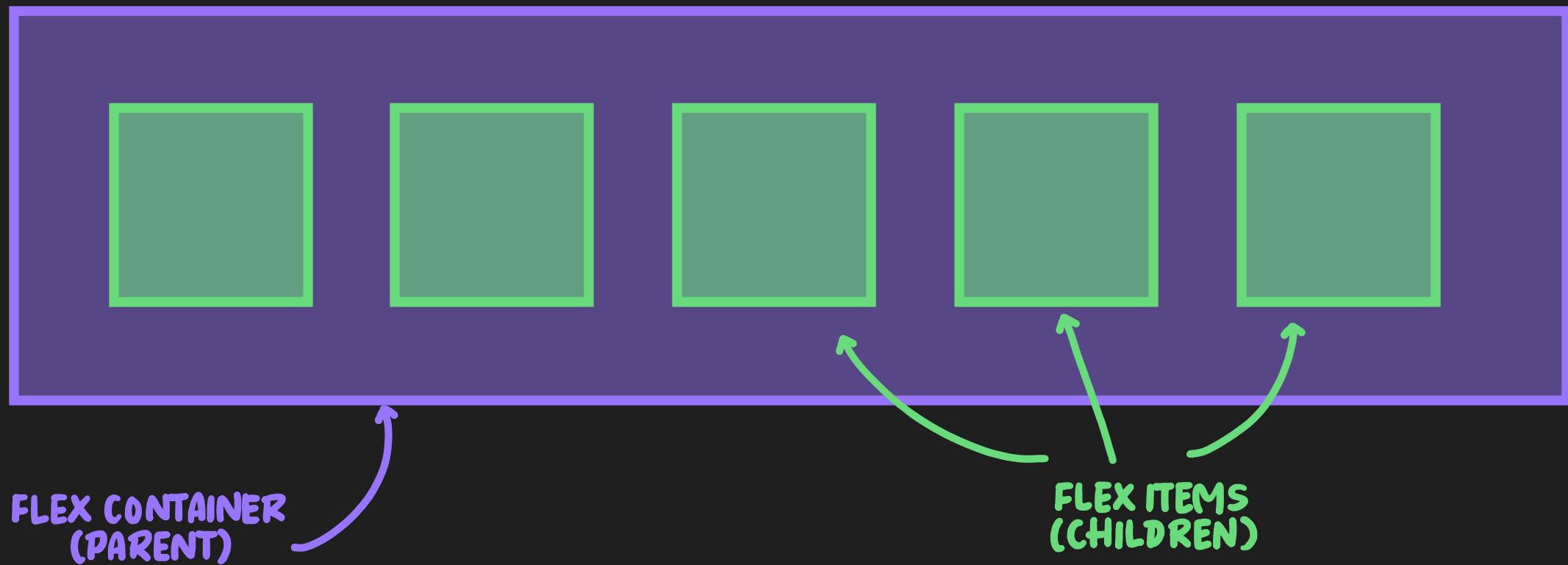
WHAT IS FLEXBOX?

FLEXBOX IS A ONE-DIMENSIONAL LAYOUT MODEL MAKING IT SIMPLE TO ARRANGE ITEMS IN ROWS OR COLUMNS AND DISTRIBUTE SPACE



FLEX CONTAINER AND FLEX ITEMS

FLEXBOX HAS TWO MAIN COMPONENTS



DISPLAY FLEX

THE DISPLAY PROPERTY ON A CONTAINER ELEMENT WILL ACTIVATE FLEXBOX'S LAYOUT FEATURES ON CHILDREN ELEMENTS

DECLARED ON
FLEX CONTAINER
(PARENT)

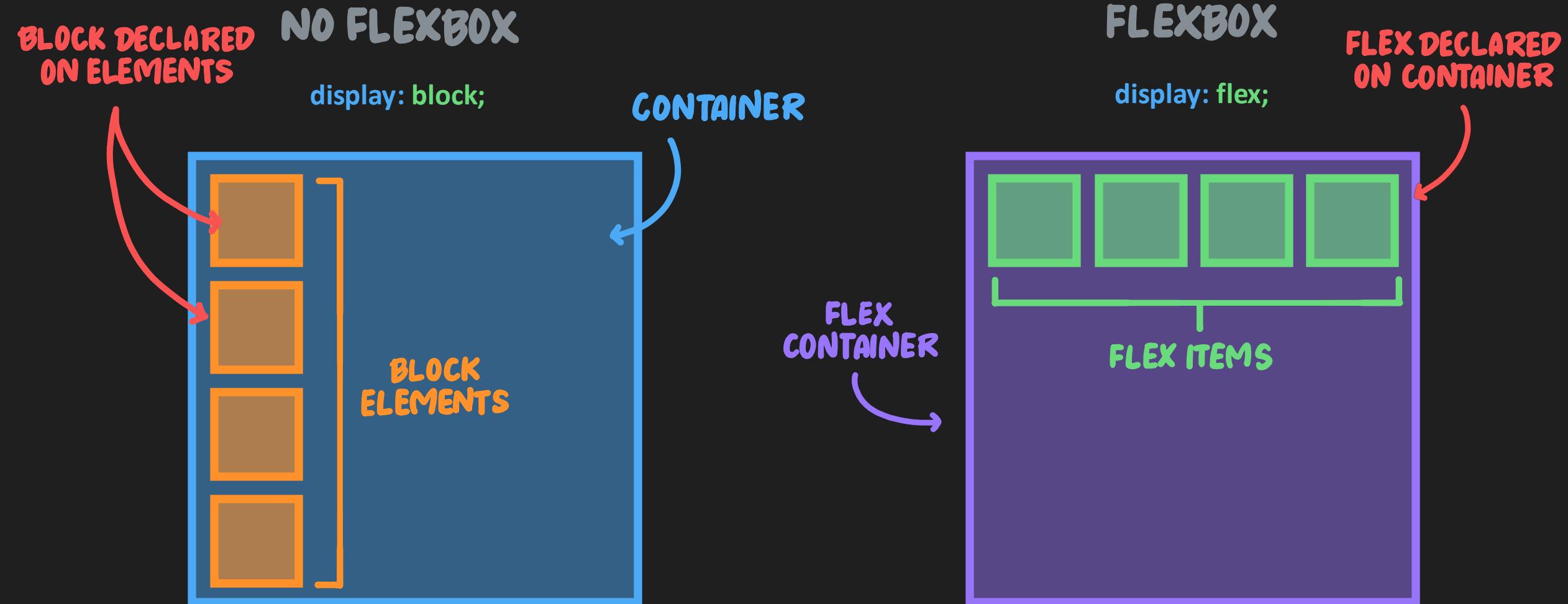


display: flex;

VALUES

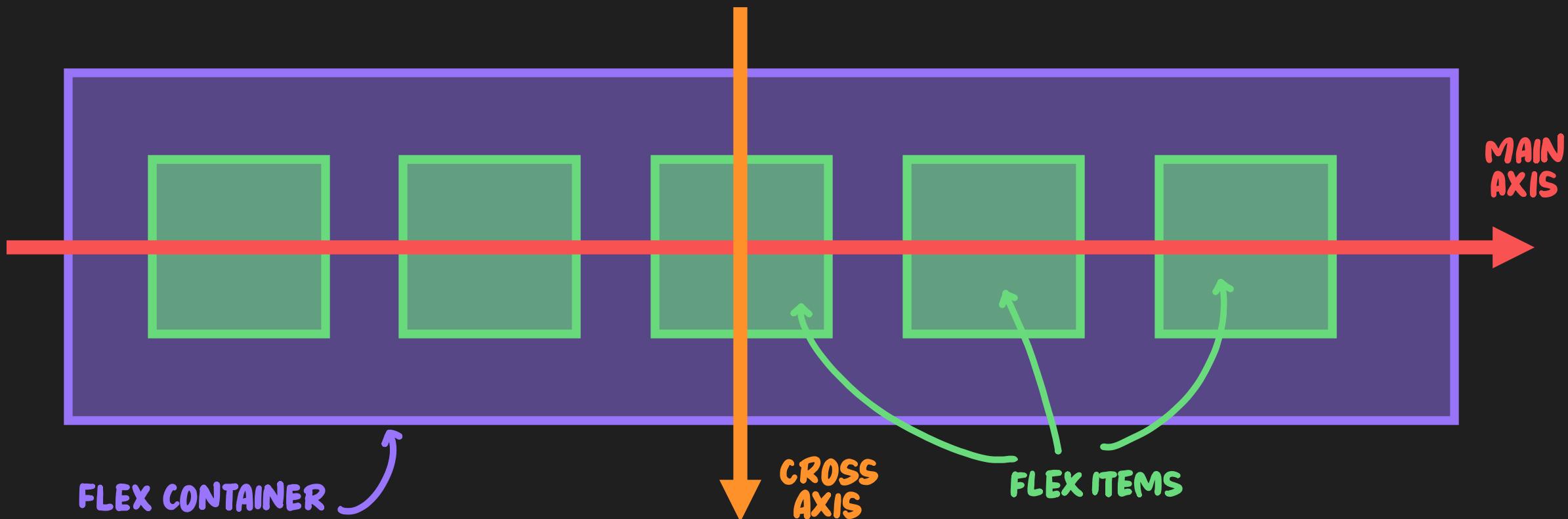
block inline inline-block flex grid

DISPLAY FLEX



MAIN AND CROSS AXIS

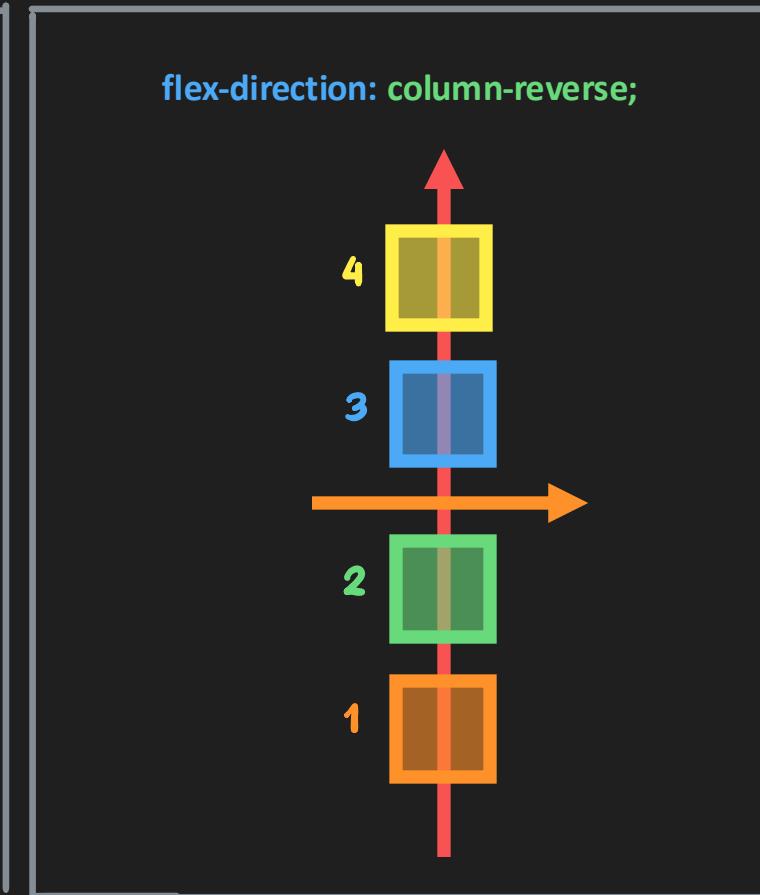
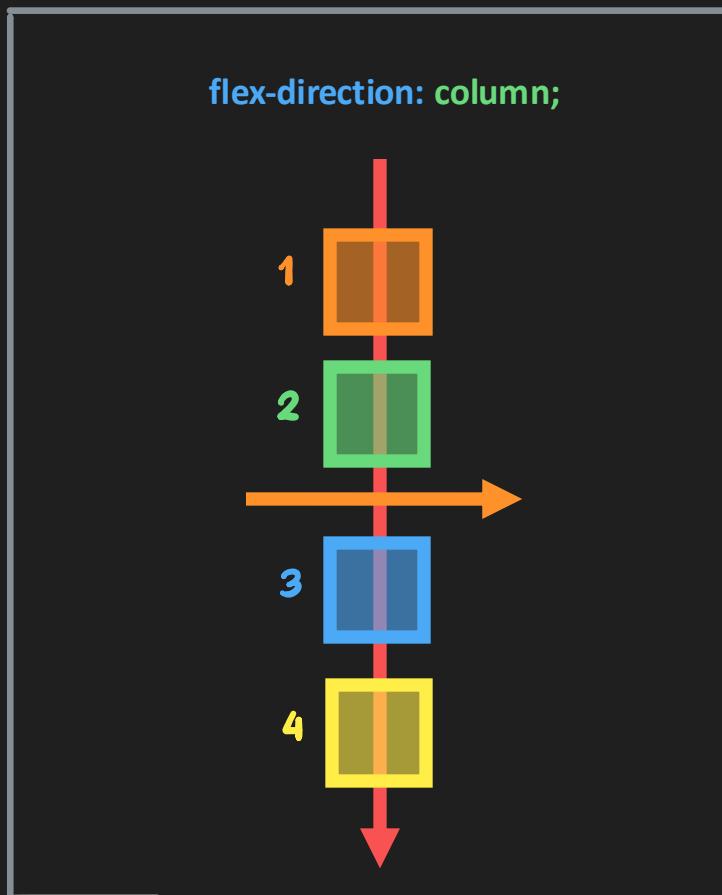
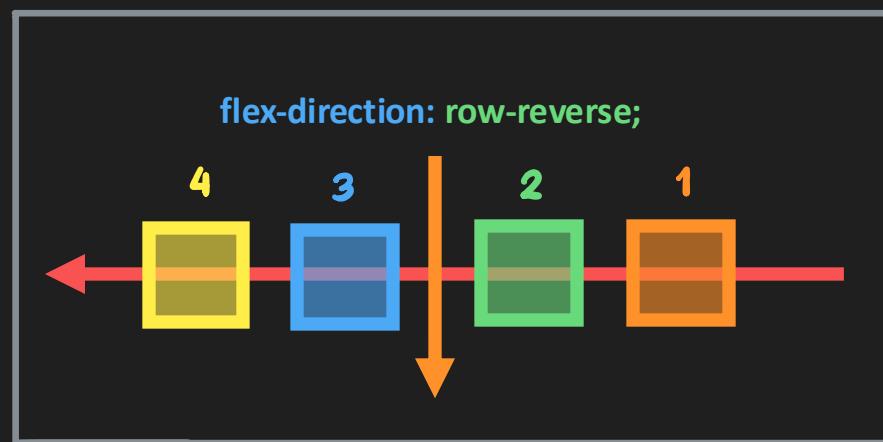
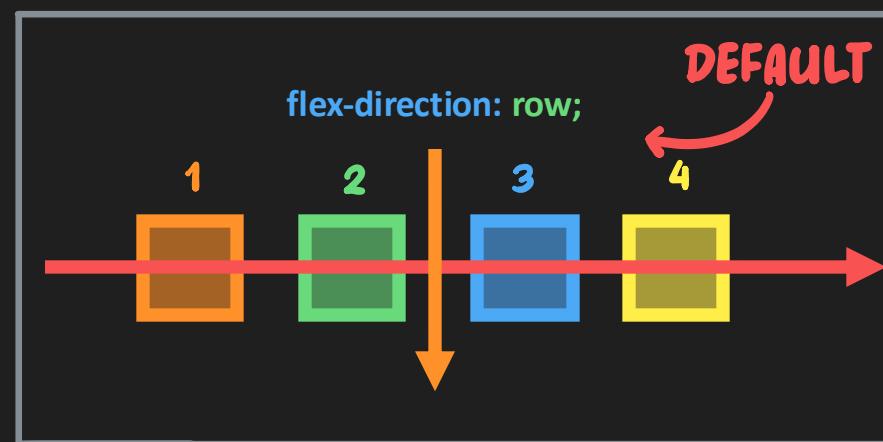
THE MAIN AXIS IS THE PRIMARY DIRECTION IN WHICH FLEX ITEMS ARE LAID OUT & CROSS AXIS DETERMINES DISTRIBUTION ON SECONDARY AXIS



FLEX DIRECTION

CONTROLS ORIENTATION OF THE MAIN AXIS

SET ON THE FLEX CONTAINER

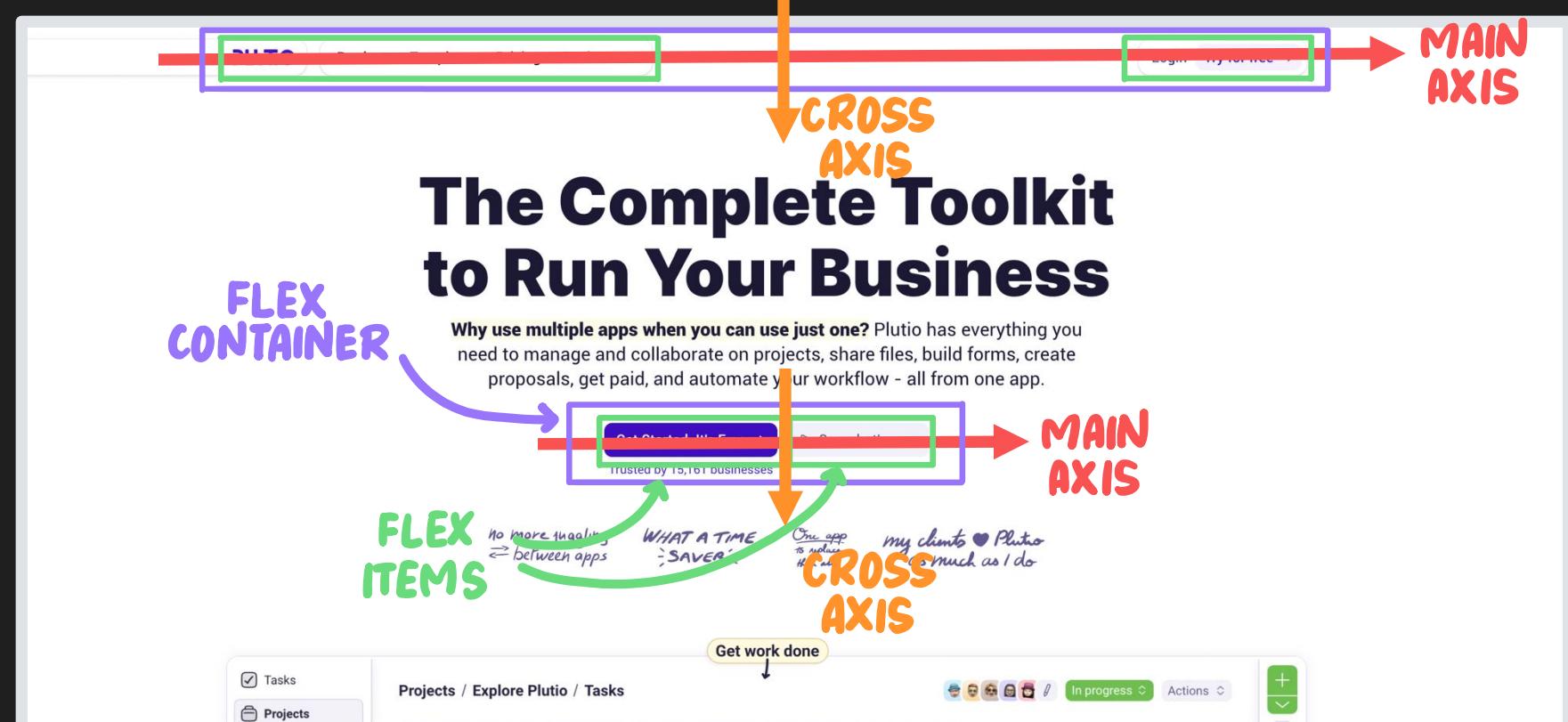


FLEX DIRECTION GUIDANCE

IN MOST CASES FLEX-DIRECTION IS SET TO ROW OR COLUMN

flex-direction: row;

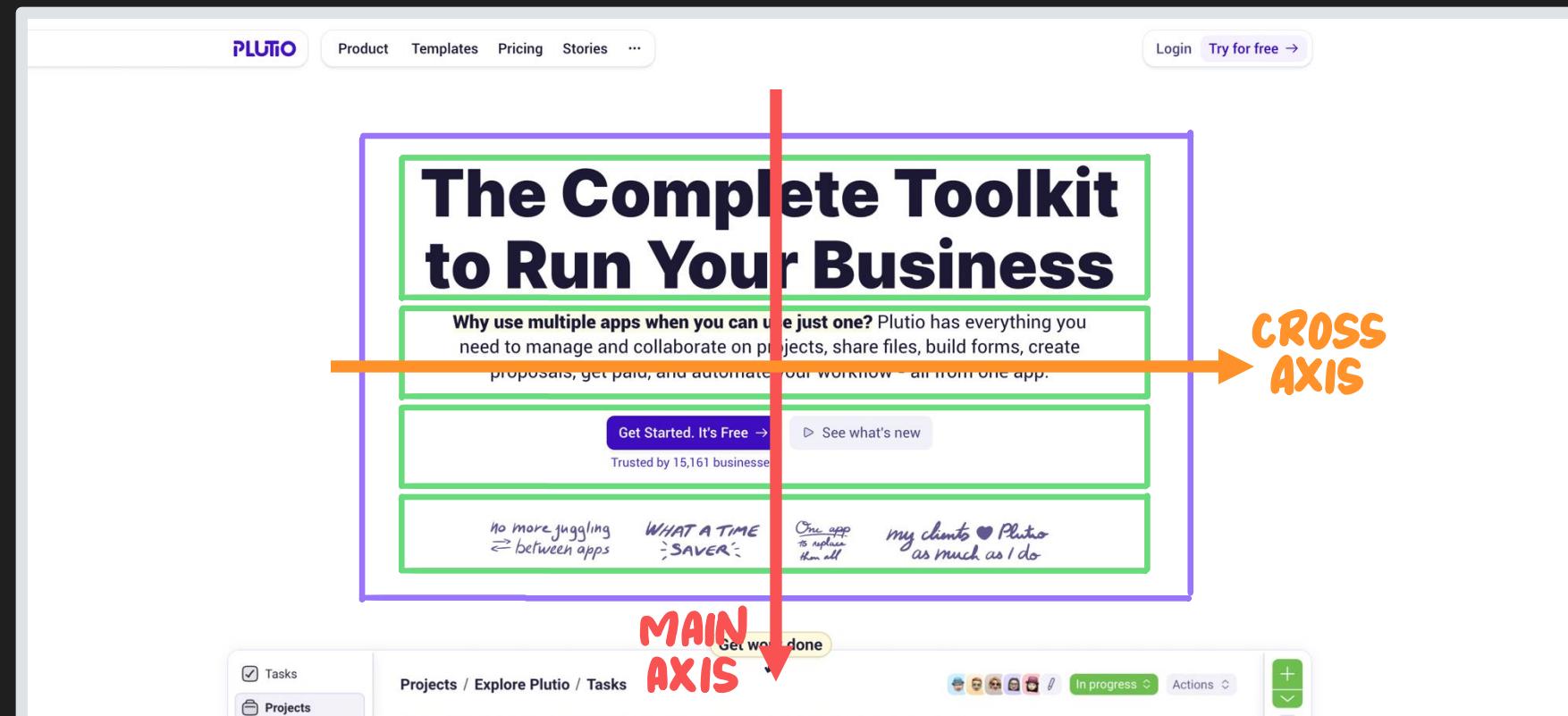
DO NOT EXPLICITLY NEED TO SET AS IT IS DEFAULT VALUE



FLEX DIRECTION GUIDANCE

IN MOST CASES FLEX-DIRECTION IS SET TO ROW OR COLUMN

`flex-direction: column;`





FLEXBOX

NORMAL FLOW VS. FLEXBOX

NORMAL FLOW

FLEXBOX

NORMAL FLOW VS. FLEXBOX

NORMAL FLOW VS. FLEXBOX

WHEN FLEXBOX IS APPLIED TO A CONTAINER IT TAKES CONTROL OF THE ALIGNMENT OF CHILDREN

NORMAL FLOW

SPACING AND ALIGNMENT ARE DETERMINED BY INHERIT PROPERTIES OF BLOCK AND INLINE ELEMENTS



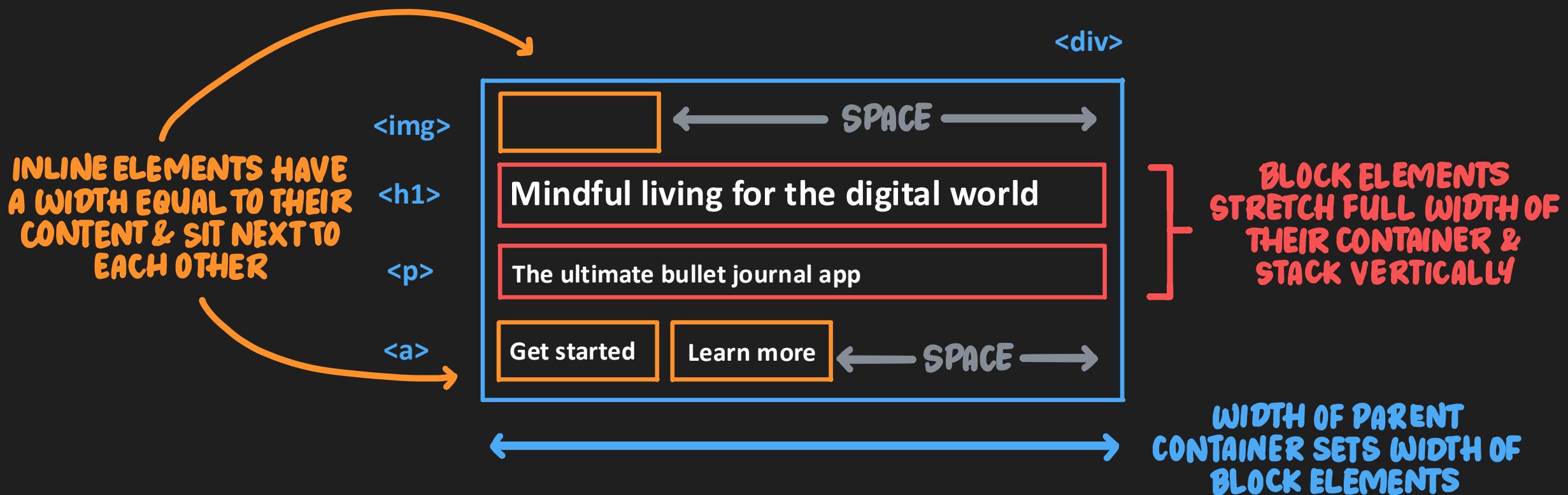
FLEXBOX

FLEXBOX OVERRIDES DEFAULT BEHAVIOR OF BLOCK AND INLINE ELEMENTS WITH SPACING & ALIGNMENT CONTROLLED BY FLEXBOX PROPERTIES



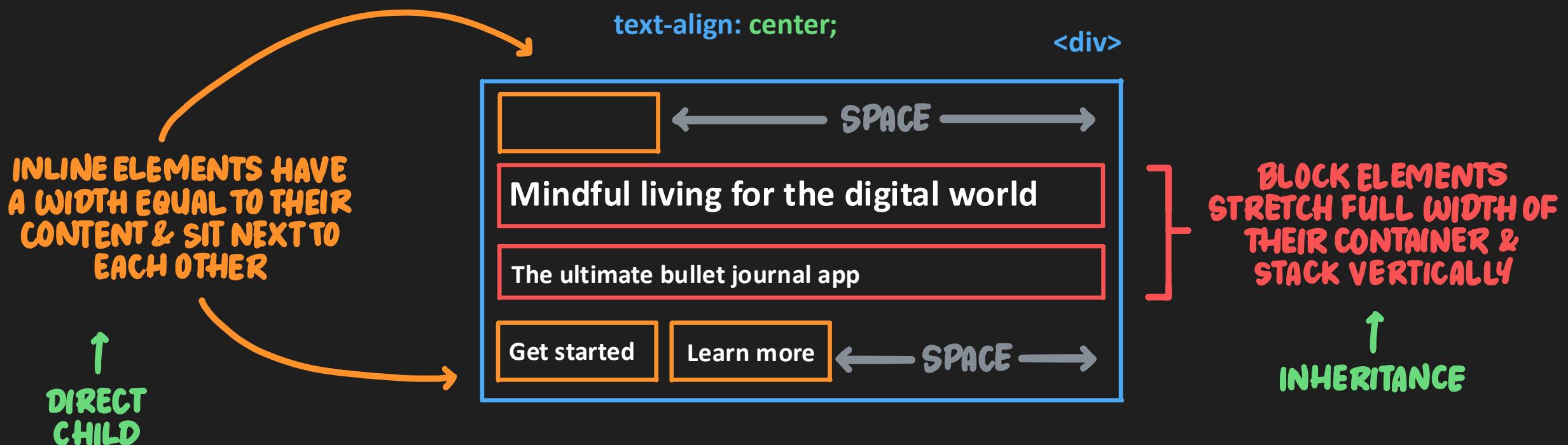
NORMAL FLOW

BLOCK AND INLINE ELEMENTS BEHAVE DIFFERENTLY IN NORMAL FLOW



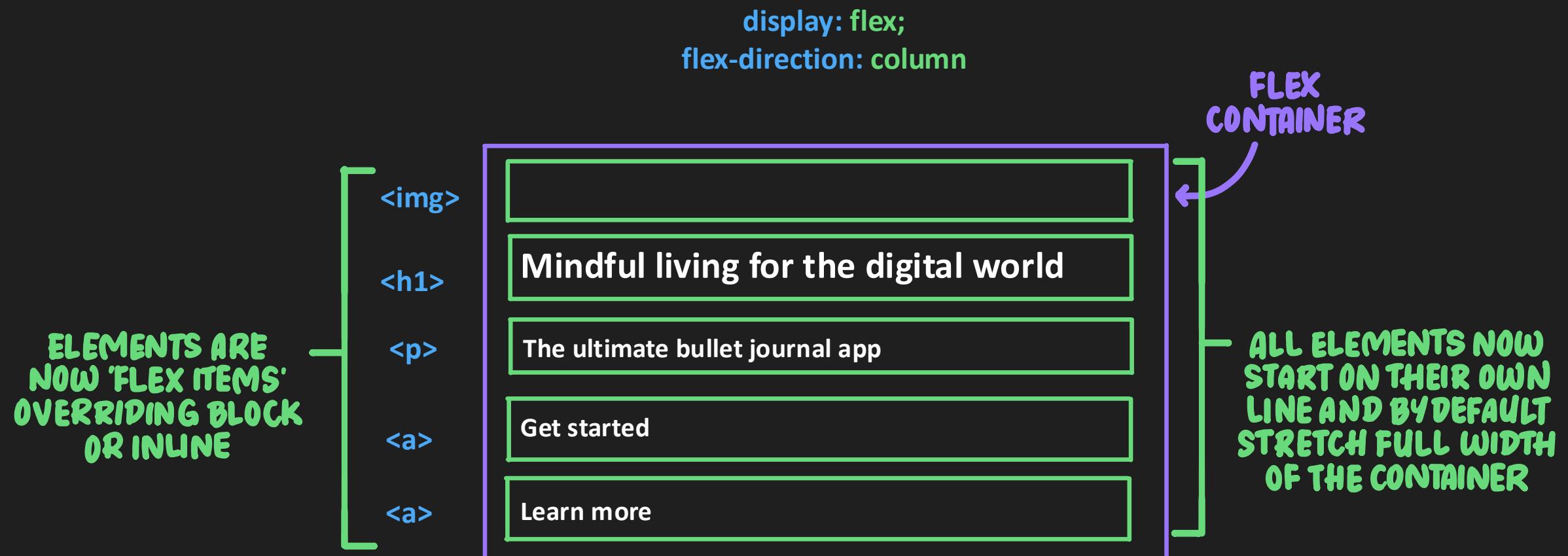
NORMAL FLOW & ALIGNMENT

APPLYING TEXT-ALIGN TO A BLOCK-LEVEL PARENT WILL IMPACT BOTH BLOCK & INLINE CHILDREN THROUGH DIFFERENT MECHANISMS



FLEXBOX

FLEXBOX OVERRIDES DISPLAY BEHAVIOR OF BLOCK & INLINE ELEMENTS

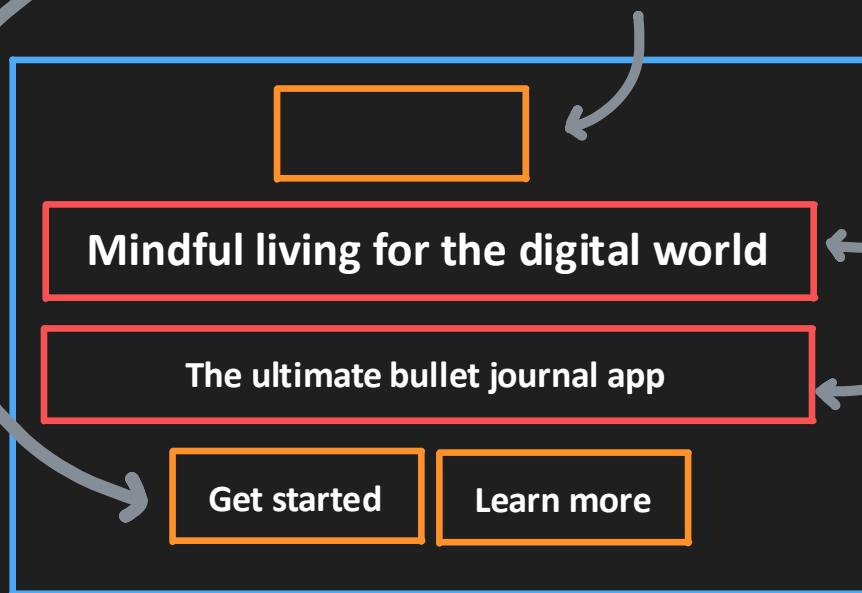


NORMAL FLOW VS. FLEXBOX

NORMAL FLOW

`text-align: center;`

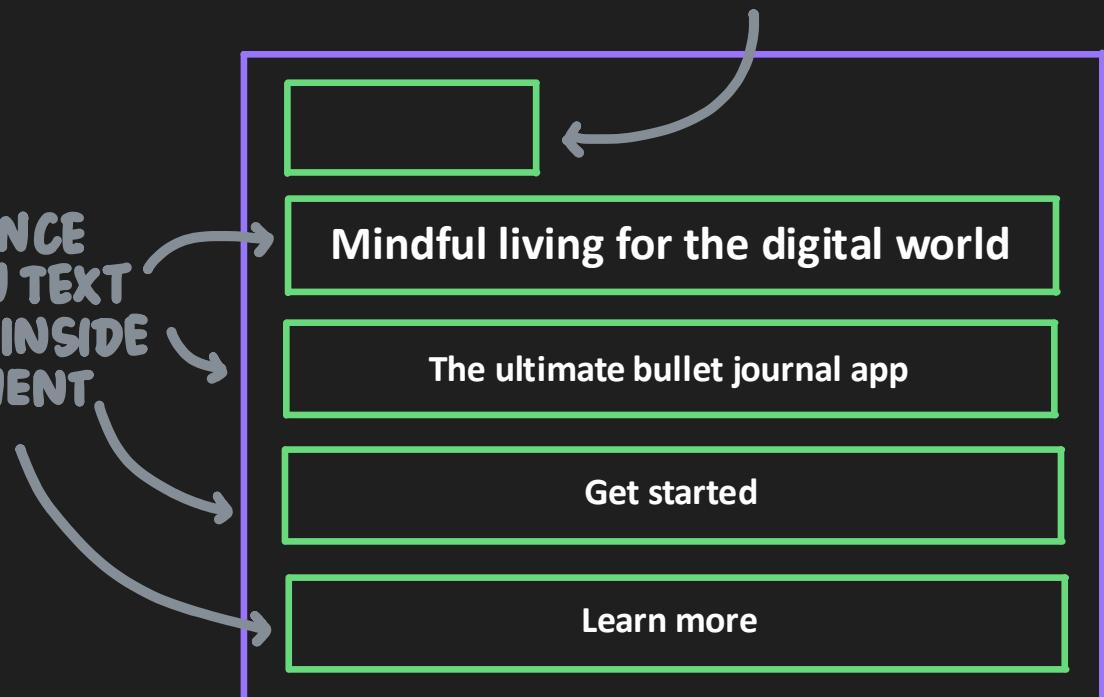
IN NORMAL FLOW TEXT-ALIGN CENTERED THE IMAGE & LINKS



FLEXBOX

`text-align: center;`

EVEN WITH SPACE AVAILABLE, TEXT-ALIGN NO LONGER MOVES THE IMAGE AS IT DOESN'T CONTROL ALIGNMENT





FLEXBOX

JUSTIFY CONTENT

FLEX CONTAINER SIZE

JUSTIFY CONTENT PROPERTY

JUSTIFY CONTENT VALUES

JUSTIFY CONTENT & SHIFTING MAIN AXIS

ALIGNING AND SPACING

FLEXBOX OFFERS A POWERFUL WAY TO SPACE AND ALIGN CONTENT

The screenshot shows the homepage of the Cleanvoice website. At the top, there is a navigation bar with a logo labeled "Cleanvoice" on the left and "Features", "Pricing", and "Login" on the right. A red arrow points from the text "SIMPLE TO ALIGN AND CREATE SPACE" down to the navigation bar, highlighting how flexbox is used to align elements. Below the navigation bar, the main headline reads "Stop wasting hours editing your podcast". A descriptive paragraph explains that Cleanvoice is an AI tool that removes filler sounds, stuttering, and mouth sounds from podcasts. A "Try it out" button is located at the bottom of the main content area. At the very bottom, there are two sections labeled "BEFORE" and "AFTER" showing examples of audio transcription.

Cleanvoice

Features Pricing Login

SIMPLE TO ALIGN AND CREATE SPACE

Stop wasting hours editing your podcast

Cleanvoice is an artificial intelligence which removes filler sounds, stuttering and mouth sounds from your podcast or audio recording

Try it out →

30 Minutes for Free. No Credit Card needed.

BEFORE

Removing **uhhhh** filler sounds and mouth **sss-** sounds is **click**

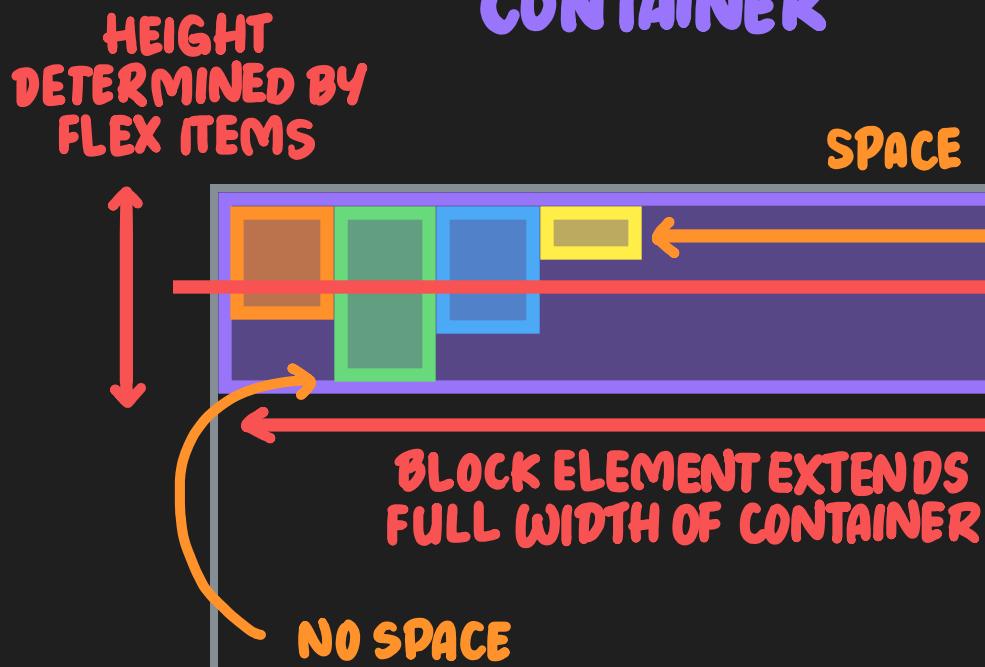
AFTER

Removing filler sounds and mouth sounds is very time

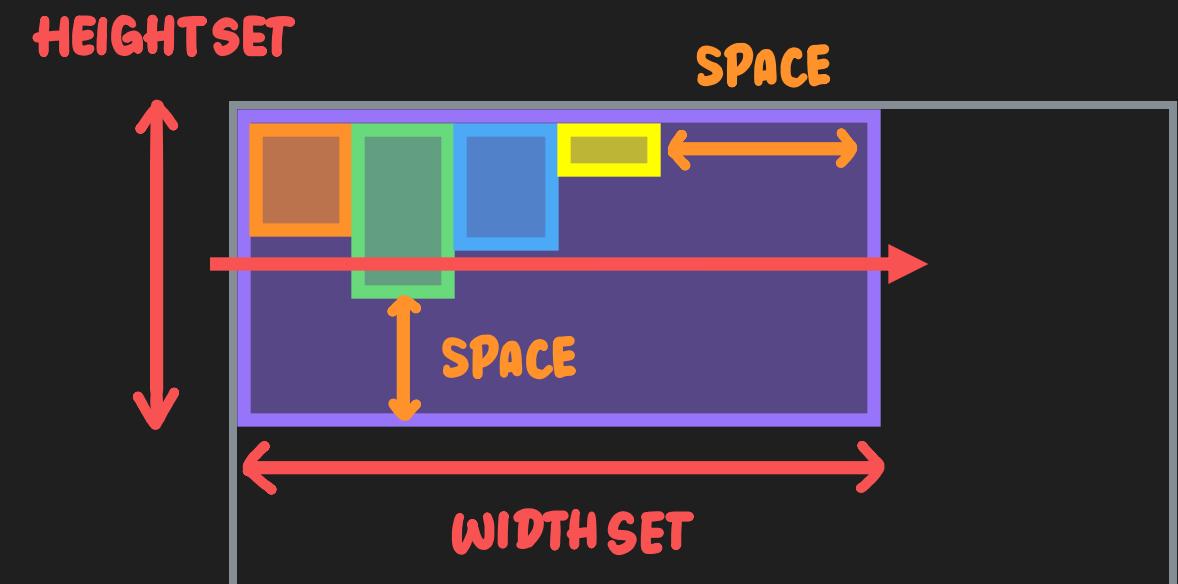
FLEX CONTAINER SIZE

UNDERSTANDING A FLEX-CONTAINER'S DIMENSIONS IS ESSENTIAL FOR VISUALISING HOW FLEX ITEMS WILL BE POSITIONED

GENERAL BLOCK CONTAINER

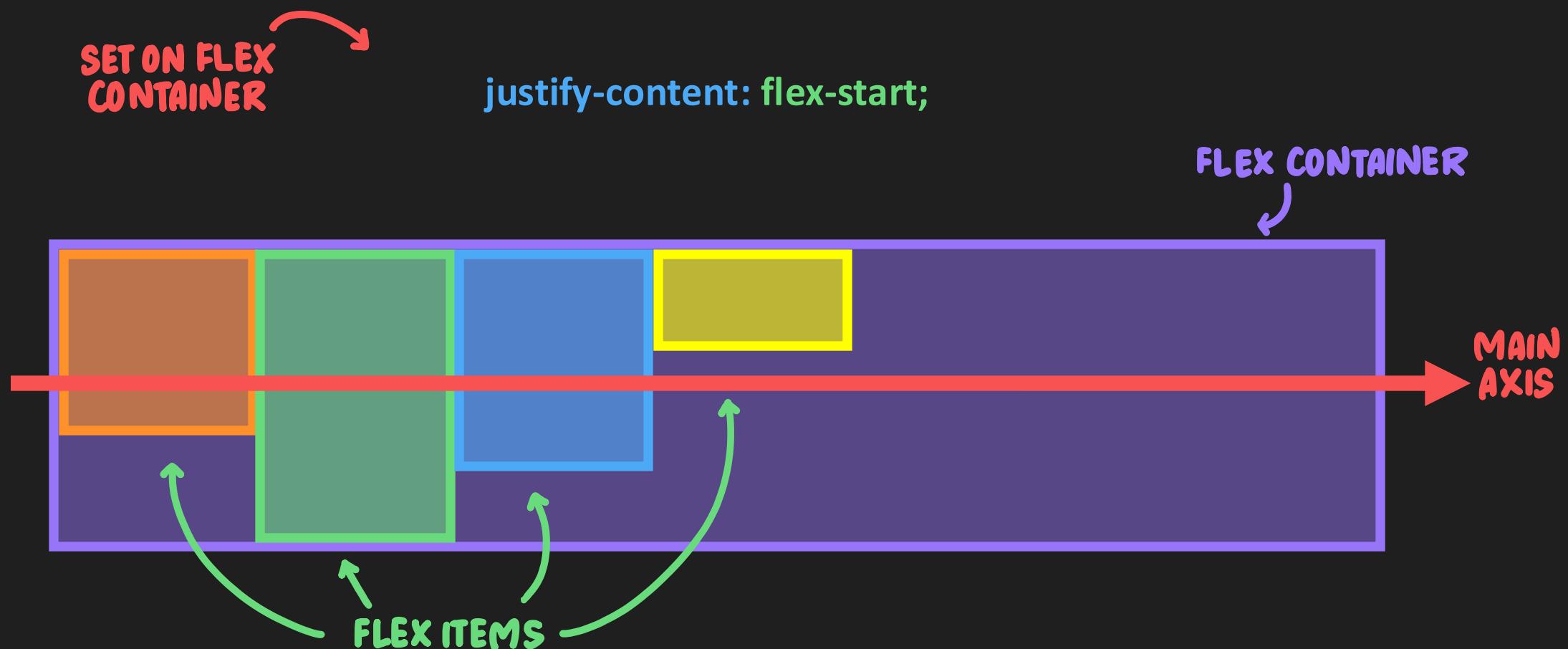


CONTAINER WITH A SET WIDTH OR HEIGHT



JUSTIFY CONTENT

SETS HOW FLEX ITEMS ARE POSITIONED ALONG THE MAIN AXIS



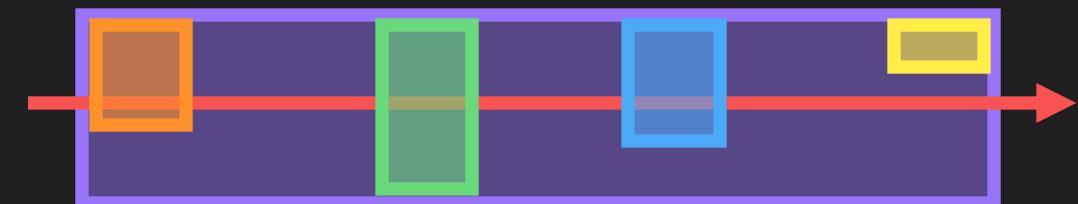
JUSTIFY CONTENT VALUES

`justify-content: flex-start;`

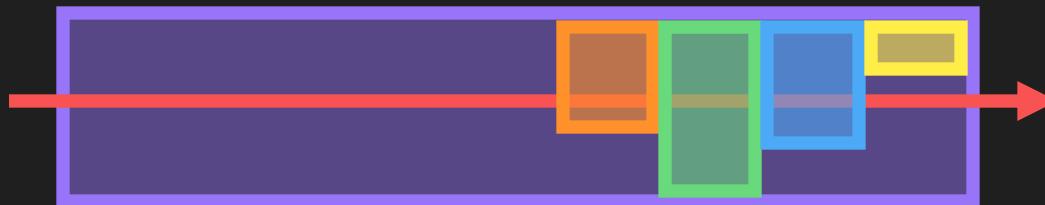


DEFAULT
VALUE

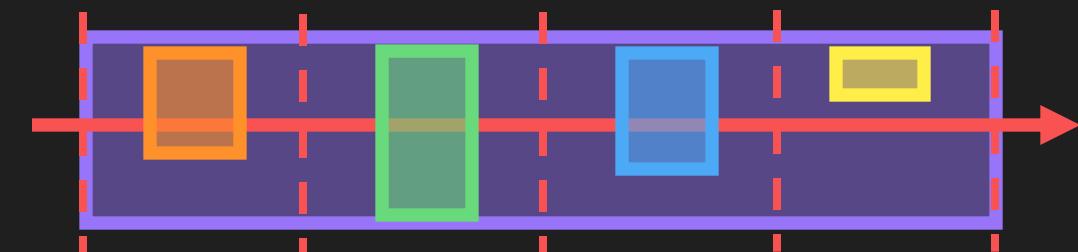
`justify-content: space-between;`



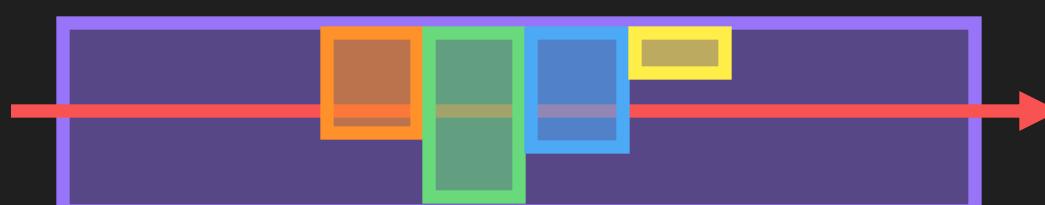
`justify-content: flex-end;`



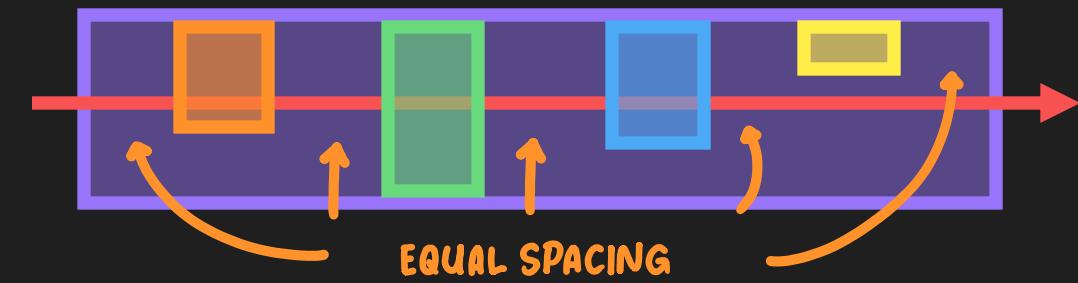
`justify-content: space-around;`



`justify-content: center;`



`justify-content: space-evenly;`

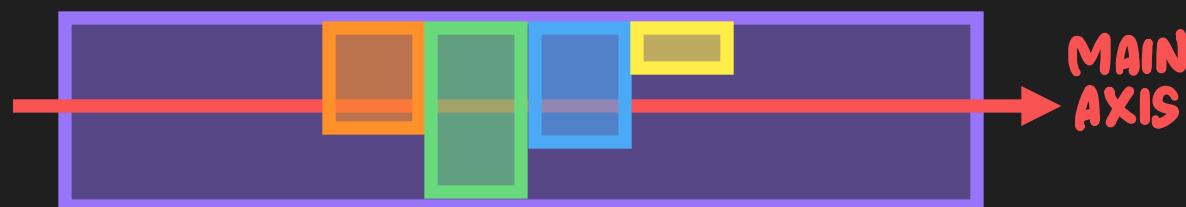


JUSTIFY CONTENT & SHIFTING THE MAIN AXIS

JUSTIFY CONTENT ALWAYS ACTS ON THE MAIN AXIS EVEN WHEN SHIFTED

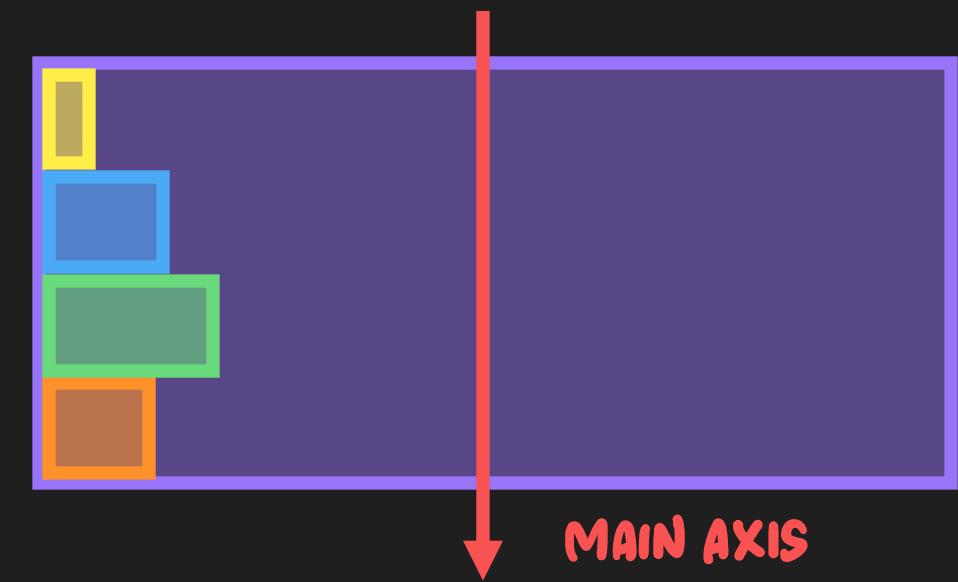
flex-direction: row;

justify-content: center;



flex-direction: column;

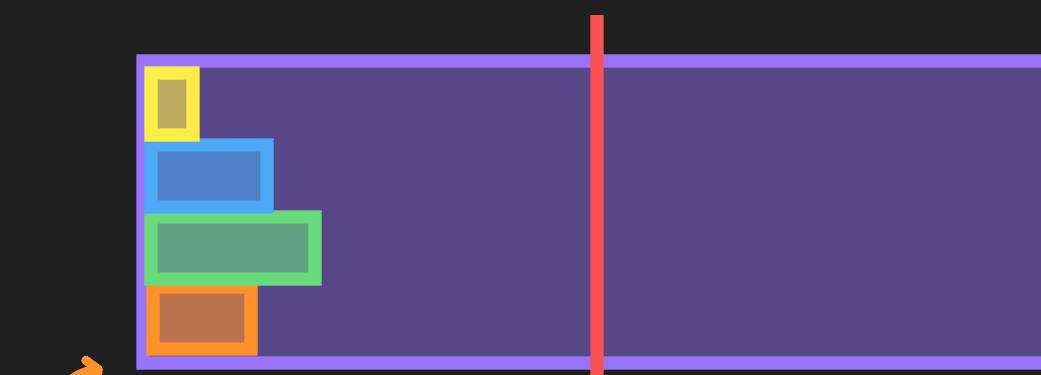
justify-content: center;



SPACING ON THE SHIFTED MAIN AXIS

GENERAL BLOCK CONTAINER

`flex-direction: column;`



NO SPACE

MAIN AXIS

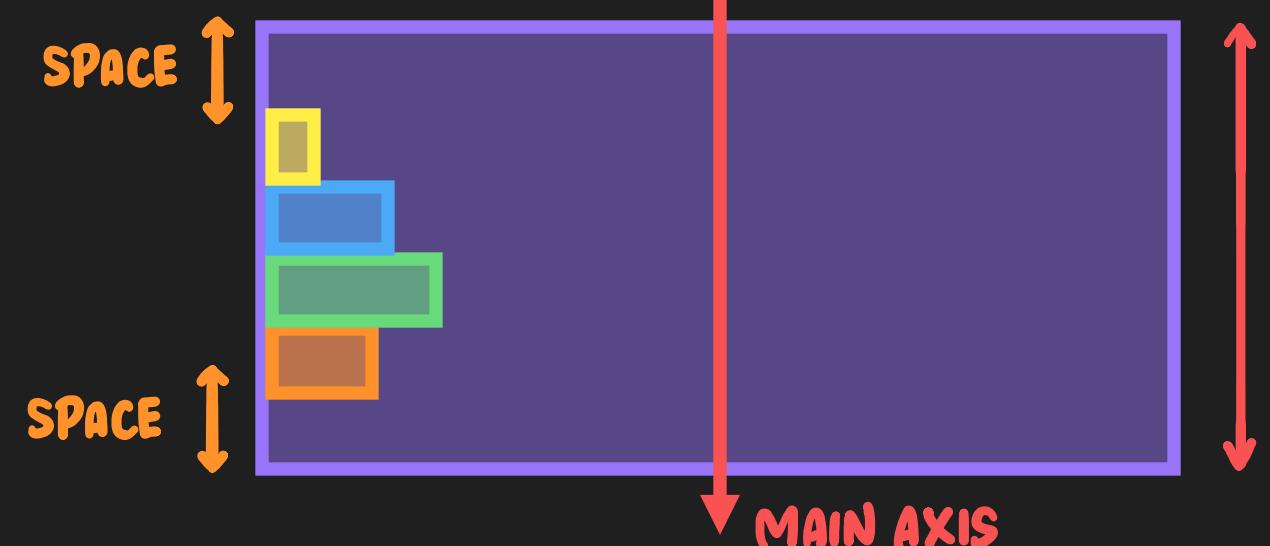
`justify-content: center;`

DIFFERENT VALUES WILL HAVE NO EFFECT
ON PLACEMENT OF FLEX ITEMS AS NO SPACE

CONTAINER WITH A SET HEIGHT

`flex-direction: column;`

FIXED
HEIGHT



SPACE

SPACE

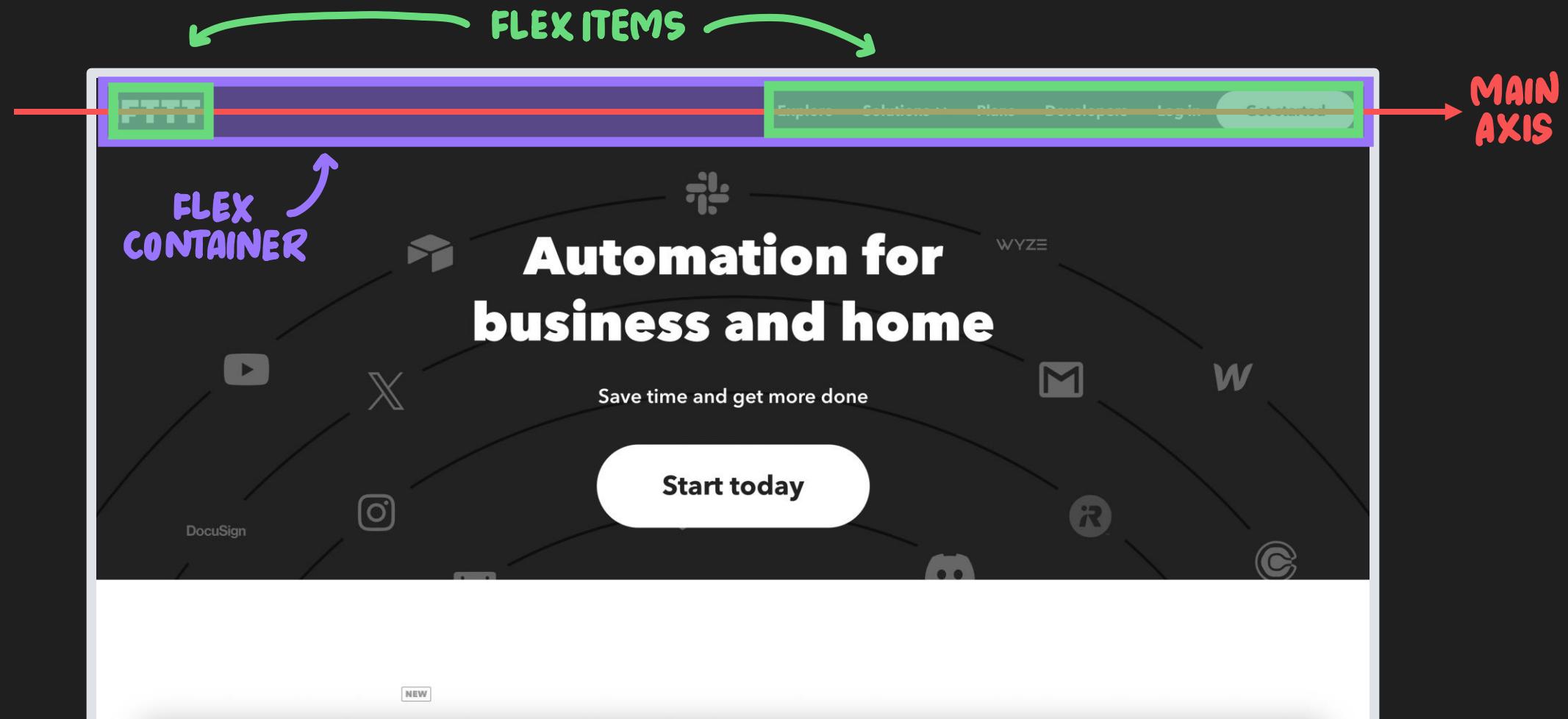
MAIN AXIS

`justify-content: center;`

DIFFERENT VALUES WILL HAVE AN EFFECT
ON PLACEMENT OF FLEX ITEMS AS SPACE

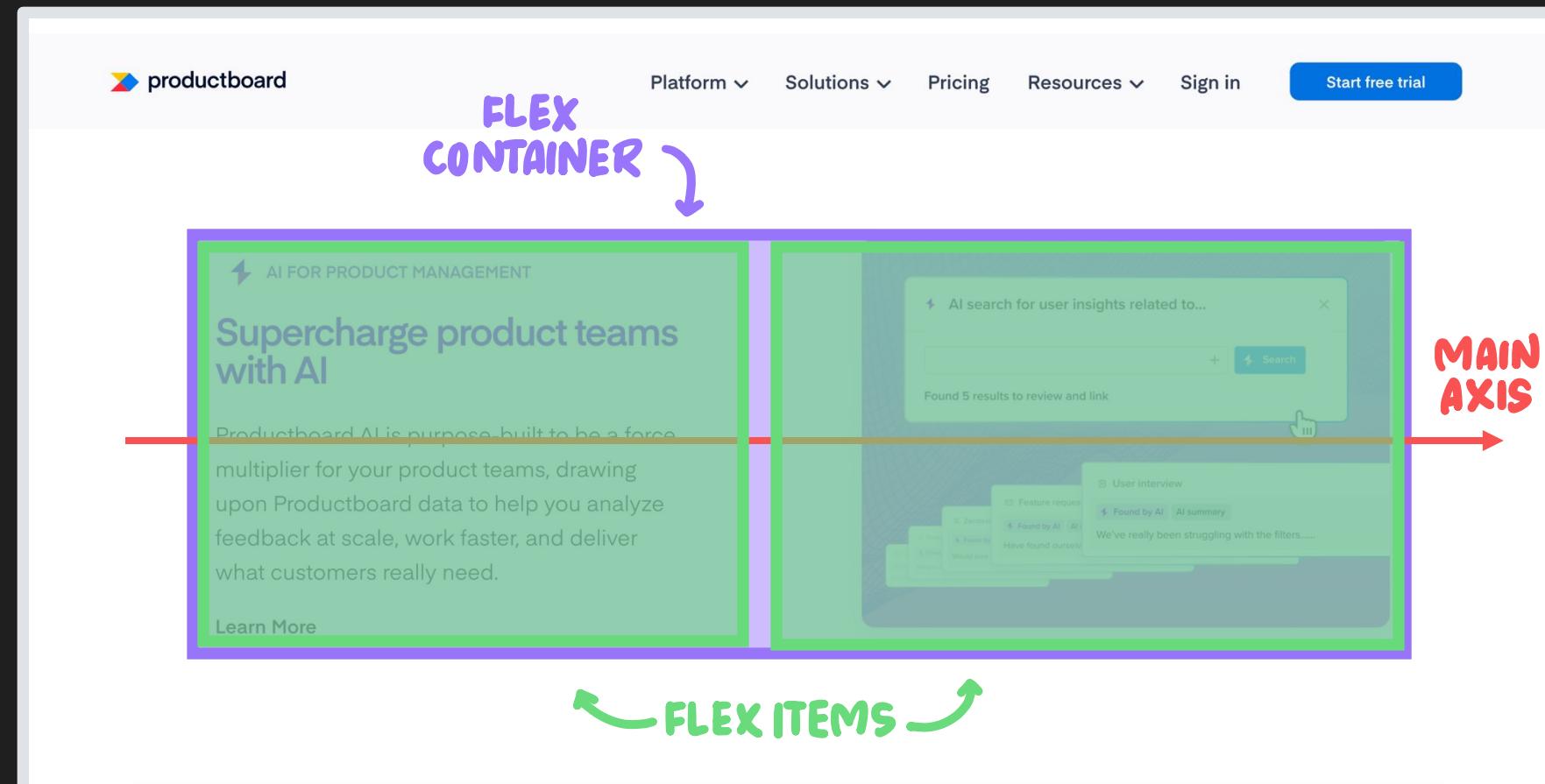
JUSTIFY CONTENT GUIDANCE

OFTEN USED TO ALIGN AND SPACE NAVIGATION BARS



JUSTIFY CONTENT GUIDANCE

CAN BE USED TO ALIGN ENTIRE SECTIONS



JUSTIFY CONTENT GUIDANCE

CAN BE USED TO ALIGN ENTIRE SECTIONS

The screenshot shows a web application interface with two main sections: 'Analyse' and 'Compute'. A vertical red line and a horizontal purple line divide the page into three columns. The 'Analyse' section contains a chart showing active users (100) and user activation (50%) across various events like Signed up, Setup, etc. The 'Compute' section contains a form for defining a customer health score, including fields for Event, Time interval, and Preview with. Handwritten annotations with arrows point to the purple border as 'FLEX CONTAINER' and the green border as 'FLEX ITEMS'.

Don't reinvent the wheel. Adopt proven retention strategies from the industry.

FLEX CONTAINER

FLEX ITEMS

Analyse

Find what leads to happy customers

Use analytics to find out what makes customers stick around and retain

Active users 100

User activation 50%

Product usage last 14 days

Compute

Define a customer health score

Start measuring the health of your customers based on their activity and engagement

Event

Opened app less than 10 times

+ Add event

Time interval

Select the period of time to measure

In the last 14 days

Preview with

Monday

Monday Jan 30 to Feb 2023

Disengaging

Event

The event that will be counted to create your tract

Opened app less than 10 times

+ Add event

Time interval

Select the period of time to measure

In the last 14 days

Preview with

Monday

Monday Jan 30 to Feb 2023

Disengaging True

JUSTIFY CONTENT GUIDANCE

OFTEN USED FOR SPACING AND ALIGNMENT OF SIMPLE ONE-DIMENSIONAL COMPONENTS

The diagram shows a white rectangular container labeled 'FLEX CONTAINER' with a purple border. Inside, there are two items: a green square icon with a white star-like symbol and the word 'Projects' in large, bold, dark gray letters. A red horizontal arrow labeled 'MAIN AXIS' points from left to right, indicating the direction of the main axis for alignment. Below the container, a green curved arrow labeled 'AI does the work FLEX ITEMS' points upwards towards the container, indicating that AI generates the content within the flex items.

FLEX CONTAINER

MAIN AXIS

AI does the work

FLEX ITEMS

Turn customer conversations, docs, and user feedback into instant insights. Empower your org with customer knowledge to develop your strategy, influence your designs, and power your roadmap.

Explore projects



JUSTIFY CONTENT GUIDANCE

OFTEN USED FOR SPACING AND ALIGNMENT OF SIMPLE ONE-DIMENSIONAL COMPONENTS

The image shows a screenshot of the Feathery website. At the top, there is a navigation bar with links: Product, Solutions, Templates, Integrations, Pricing, Resources, Log in, Book a demo, and Get started. Below the navigation, there is a section titled "Thank You" with an "AI Review" button and a "+ Step" button. To the right, there is a "Select Image" button with a camera icon. The main content area features a purple horizontal bar containing several green rectangular boxes, each with a company logo and name: MassMutual, SECURA INSURANCE COMPANY, SHIFT®, TURBO, SoFi, Paycor, and SHARP. Above this bar, the text "Over 1 million + forms served" is displayed. A red arrow points from the text to the right side of the bar. On the far left, a purple arrow points to the left edge of the purple bar, labeled "FLEX CONTAINER". Two green arrows point downwards from the word "ITEMS" to the green boxes, labeled "FLEX ITEMS". On the far right, a red arrow points to the right edge of the purple bar, labeled "MAIN AXIS". At the bottom of the page, the text "Built for your use case" is centered, followed by a footer with categories: Insurance, Financial Services, Healthcare, Software, and Education.

FLEX CONTAINER

FLEX ITEMS

Over 1 million + forms served

MAIN AXIS

Built for your use case

Insurance Financial Services Healthcare Software Education

QUILL HOMEPAGE



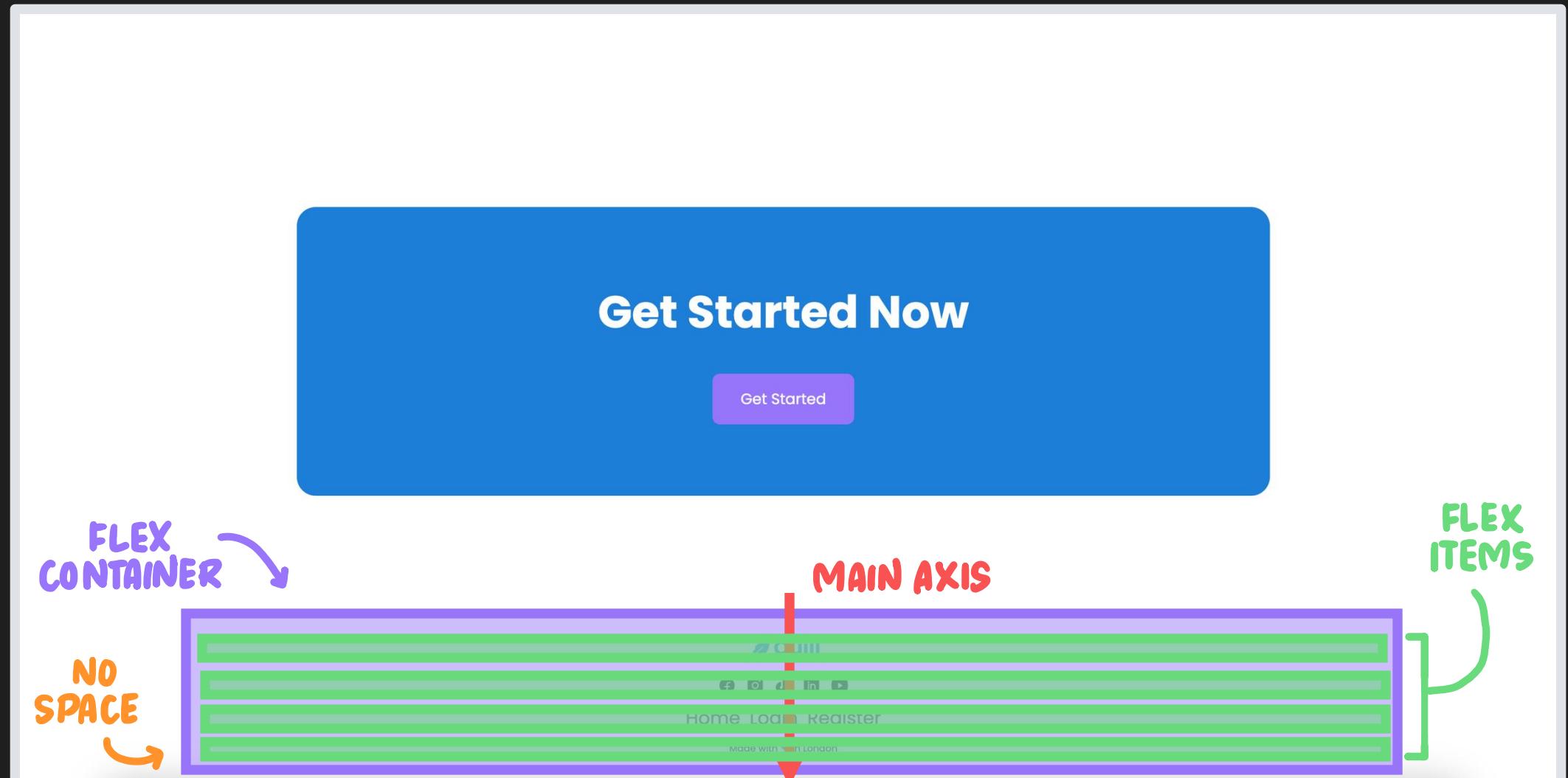
Mindful living for the
digital world 

The ultimate bullet journal app to document, reflect, and embrace your personal journey

Get Started

Learn More

QUILL HOMEPAGE





FLEXBOX

ALIGN ITEMS

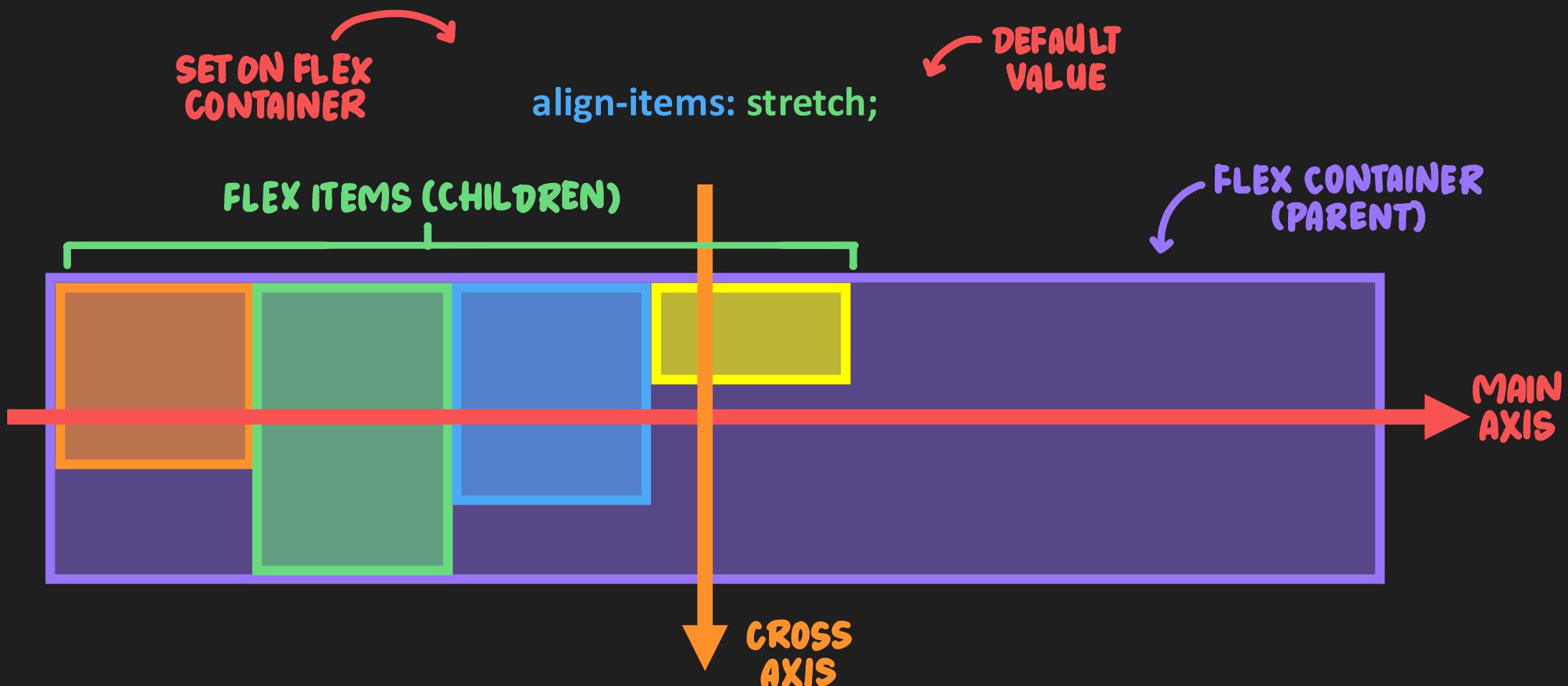
ALIGN ITEMS PROPERTY

ALIGN ITEMS VALUES

ALIGN ITEMS & SHIFTING MAIN AXIS

ALIGN ITEMS

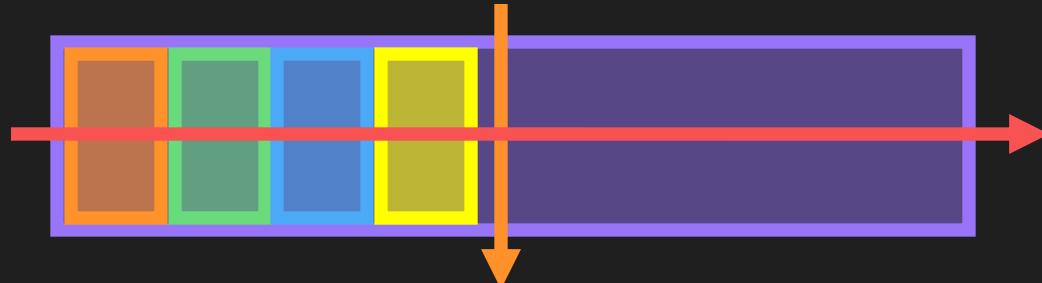
SETS HOW FLEX ITEMS ARE POSITIONED ALONG THE CROSS AXIS



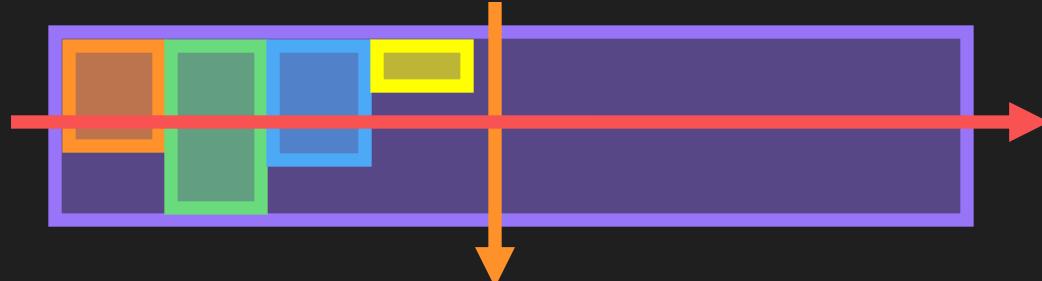
ALIGN ITEMS VALUES

DEFAULT VALUE

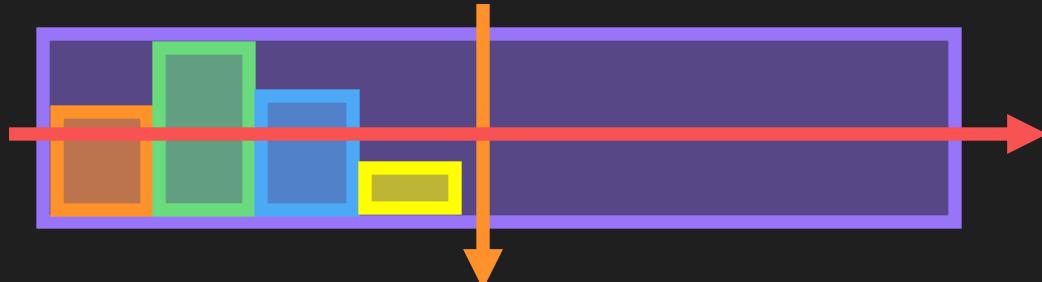
`align-items: stretch;`



`align-items: flex-start;`

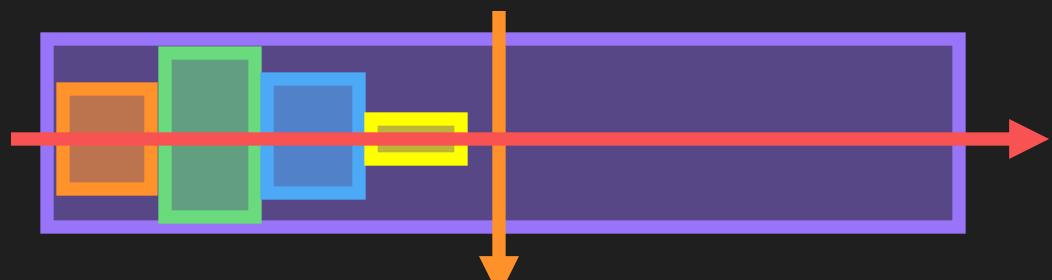


`align-items: flex-end;`

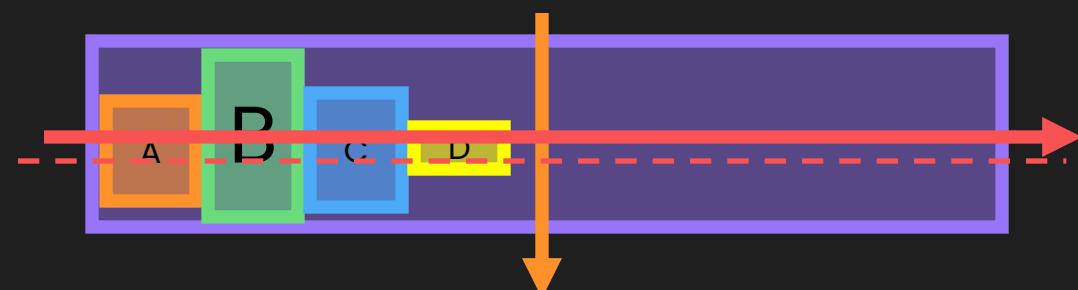


WHEN NO HEIGHT IS SET ON THE CONTAINER ITS HEIGHT IS SET BY THE HEIGHT OF THE TALLEST FLEX-ITEM

`align-items: center;`



`align-items: baseline;`

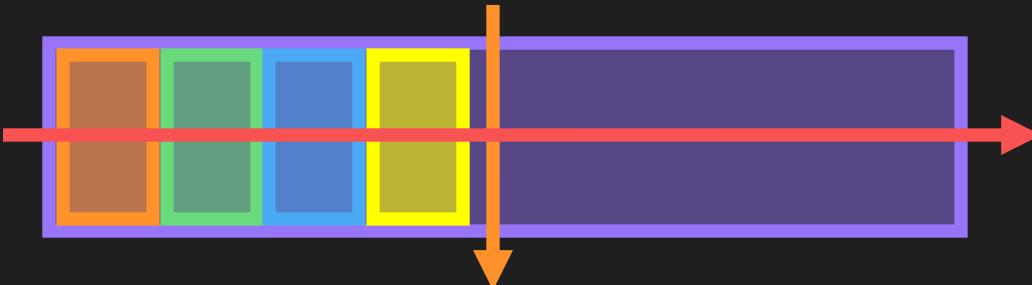


ALIGN ITEMS VALUES

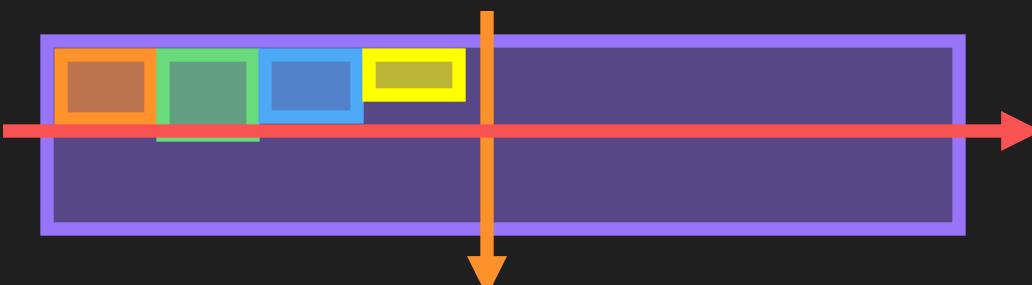
DEFAULT VALUE



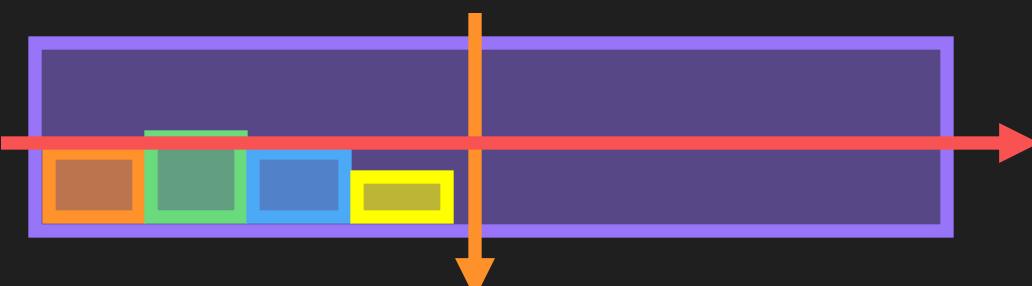
`align-items: stretch;`



`align-items: flex-start;`

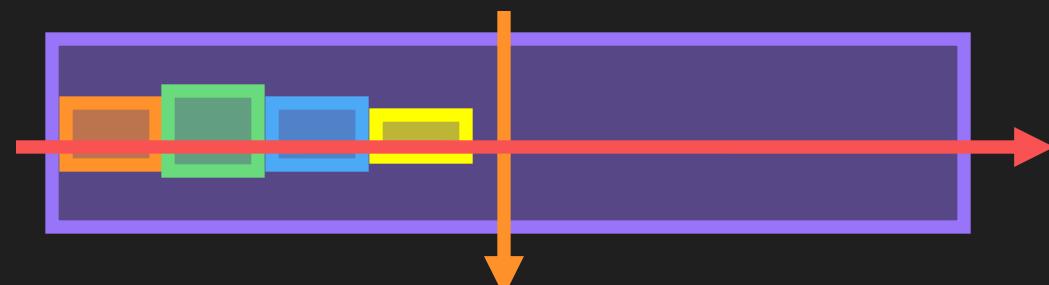


`align-items: flex-end;`

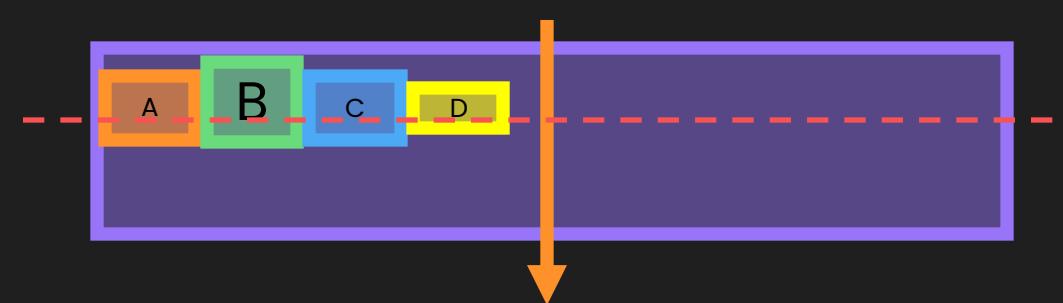


WHEN HEIGHT IS SET ON THE CONTAINER, THERE IS ADDITIONAL SPACE FOR ITEMS TO MOVE

`align-items: center;`



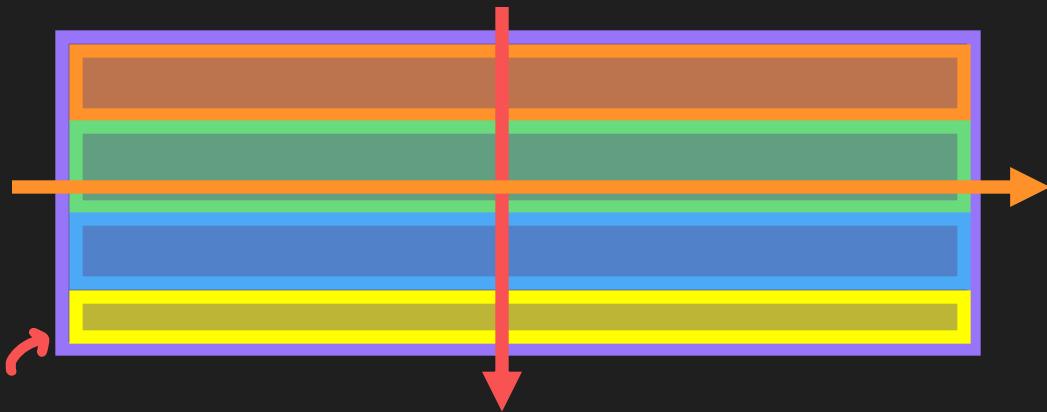
`align-items: baseline;`



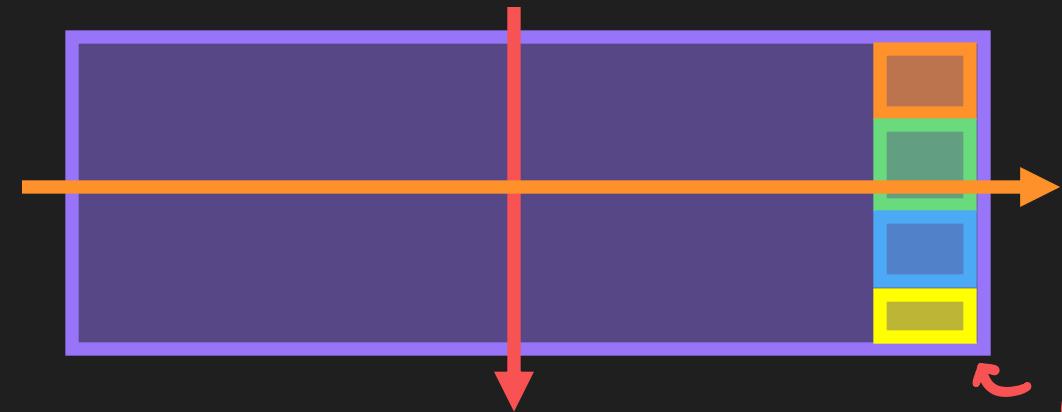
ALIGN ITEMS & SHIFTING THE MAIN AXIS

WHEN NO HEIGHT IS SET ON THE CONTAINER, ITS HEIGHT IS SUM OF FLEX ITEM'S HEIGHT & JUSTIFY CONTENT WILL HAVE NO IMPACT

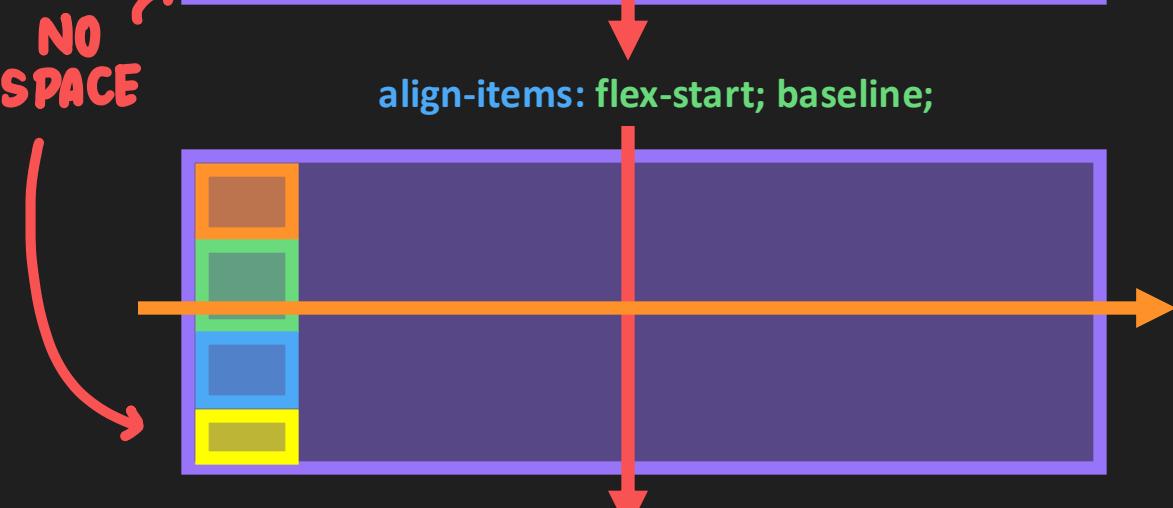
align-items: stretch;



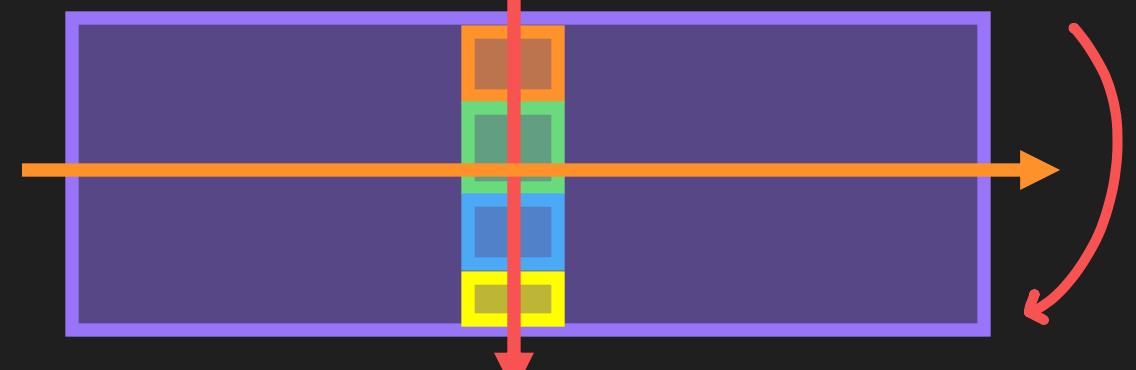
align-items: flex-end;



align-items: flex-start; baseline;



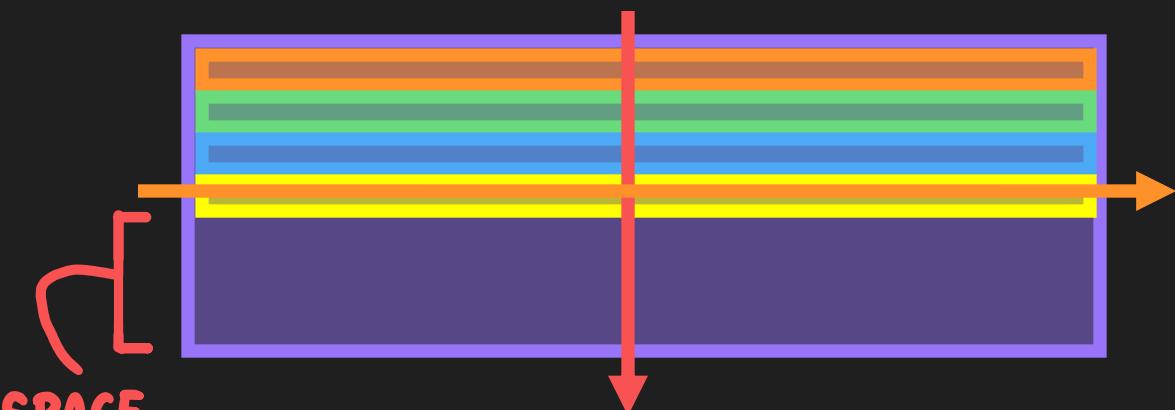
align-items: center;



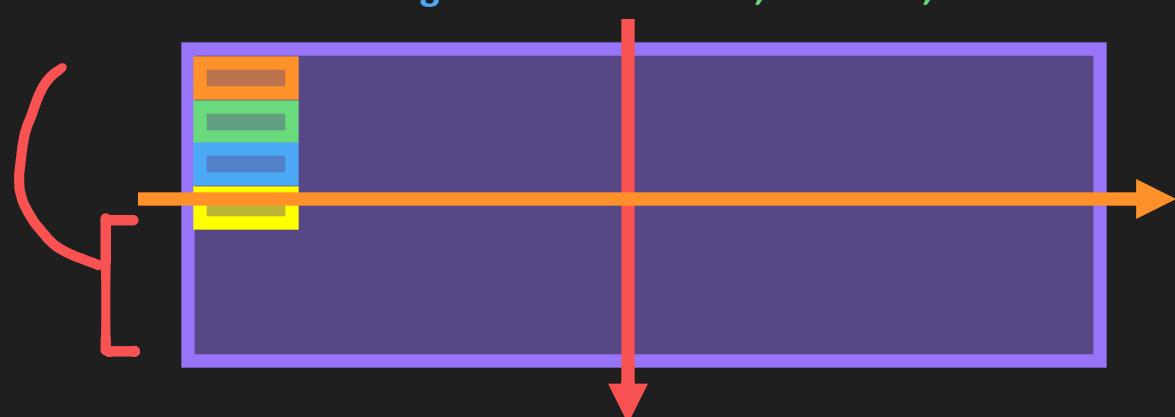
ALIGN ITEMS & SHIFTING THE MAIN AXIS

WHEN HEIGHT IS SET ON THE CONTAINER, THERE CAN BE ADDITIONAL SPACE SO JUSTIFY CONTENT WILL HAVE AN IMPACT

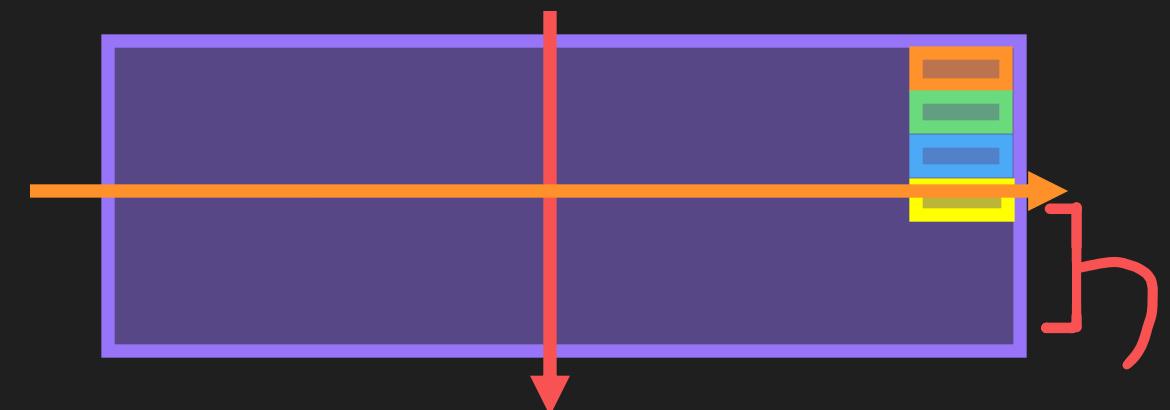
align-items: stretch;



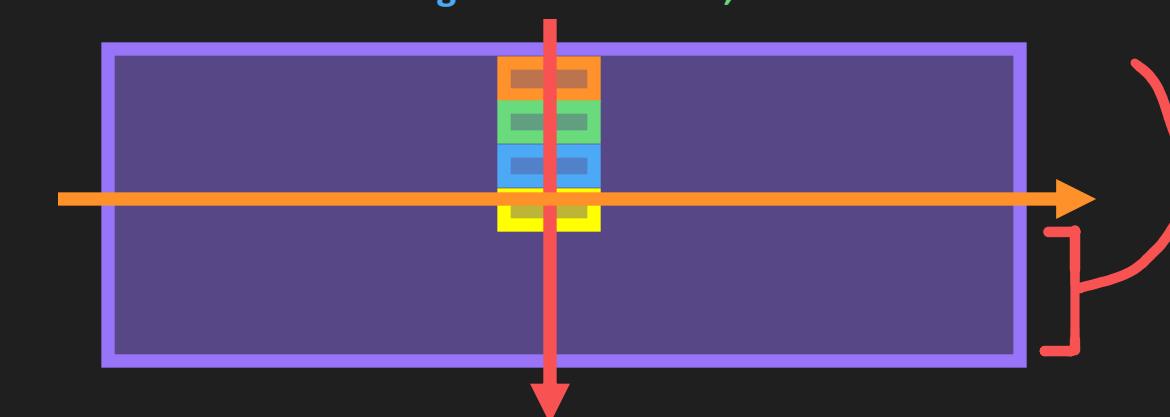
align-items: flex-start; baseline;



align-items: flex-end;



align-items: center;



SPACE

SPACE

ALIGN ITEMS GUIDANCE

COMMONLY USED ON NAVIGATION MENUS AND FOOTERS



CENTER

CROSS AXIS

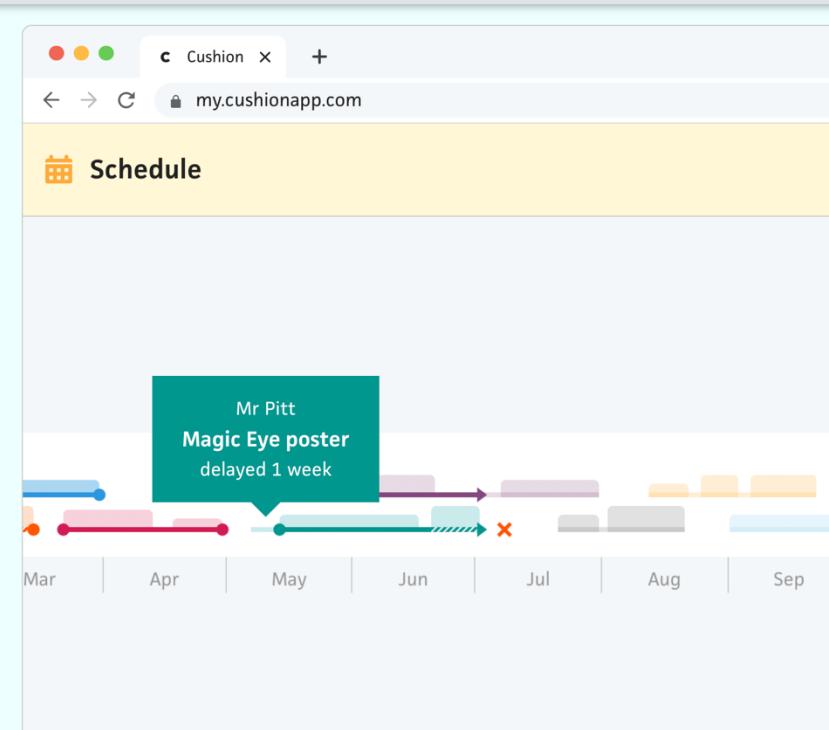
MAIN
AXIS

Forecasting for freelancers

Cushion will help you predict your unpredictable schedule and stabilize your fluctuating income.

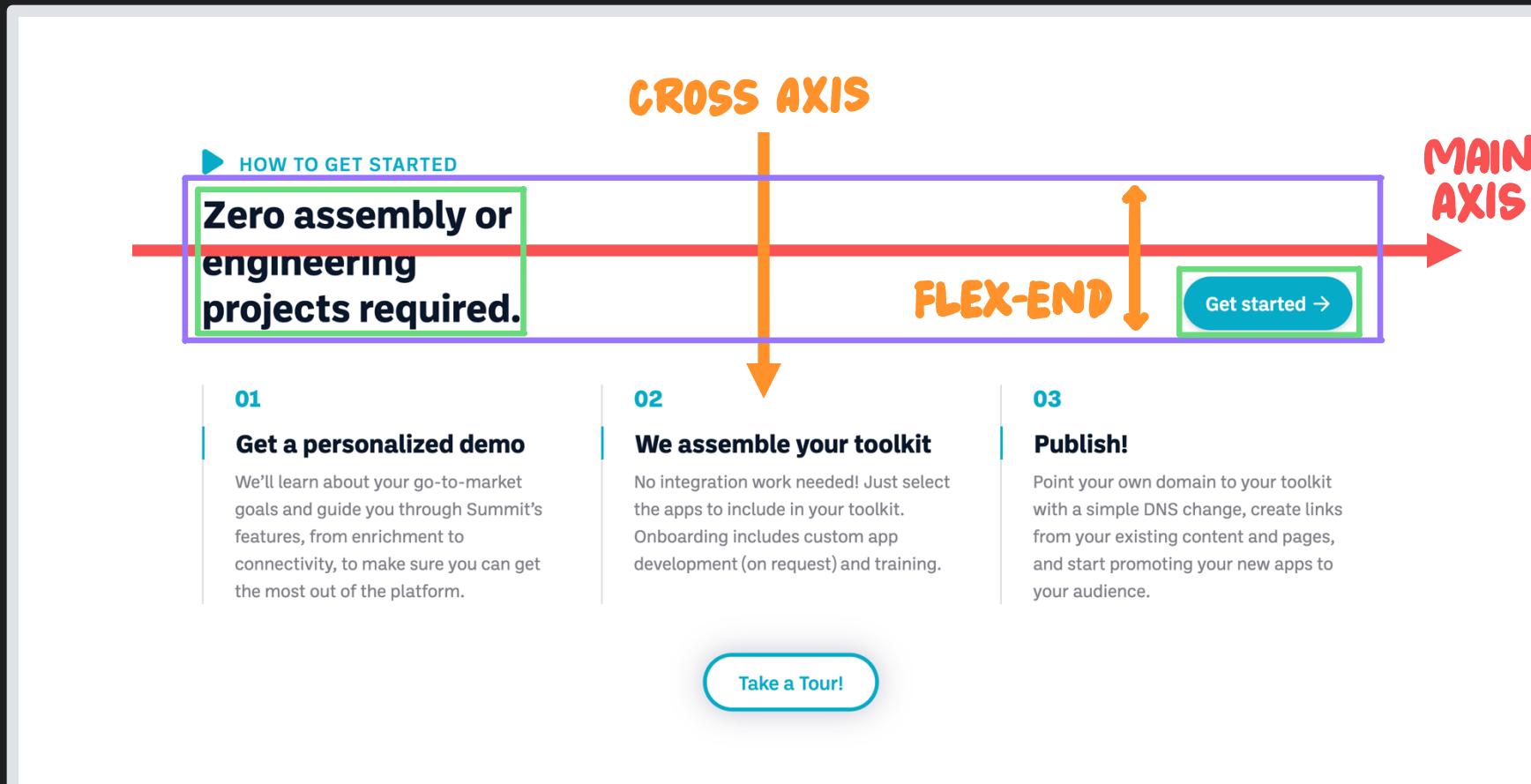
Try for free

Learn more



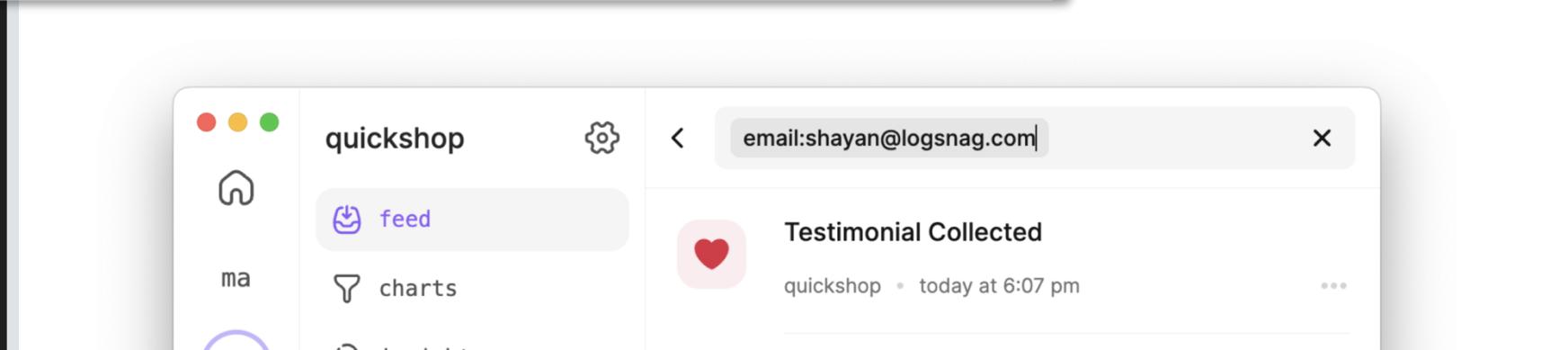
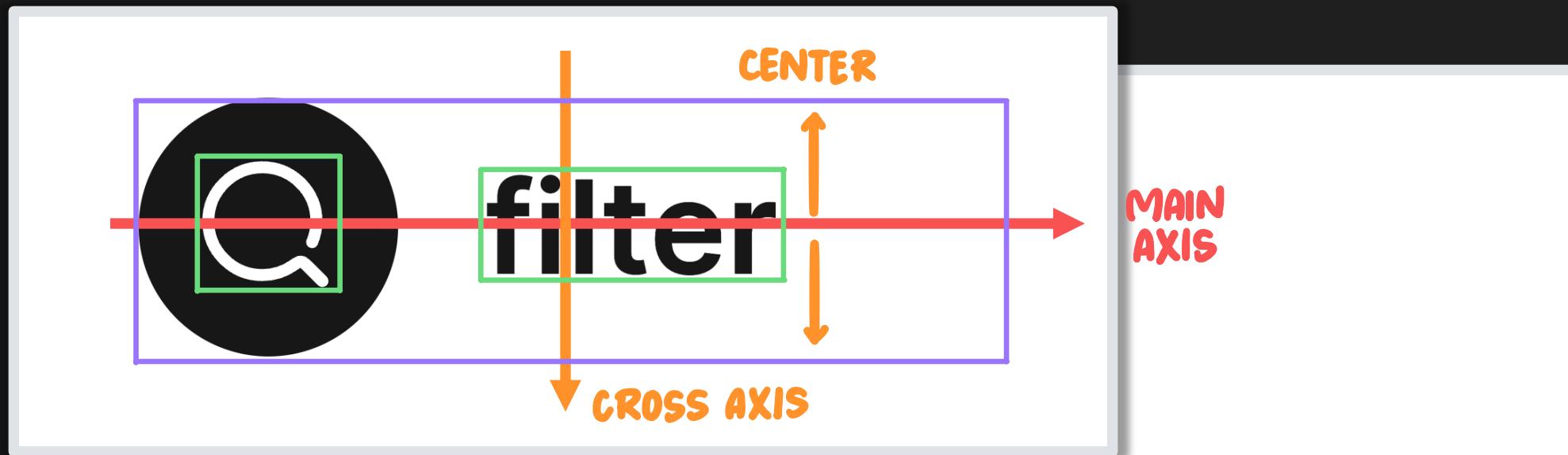
ALIGN ITEMS GUIDANCE

POSITIONING ITEMS INSIDE A COMPONENT IN A FLEX ROW



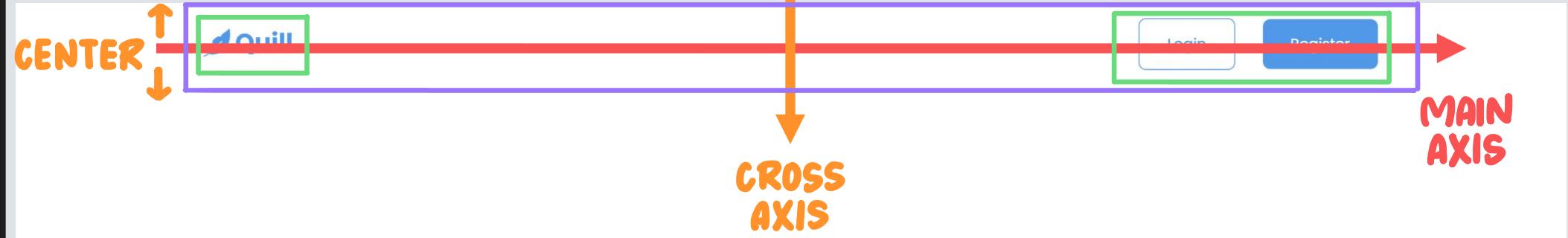
ALIGN ITEMS GUIDANCE

POSITIONING ITEMS INSIDE A COMPONENT IN A FLEX ROW



QUILL HOMEPAGE

FLEX CONTAINER ↘



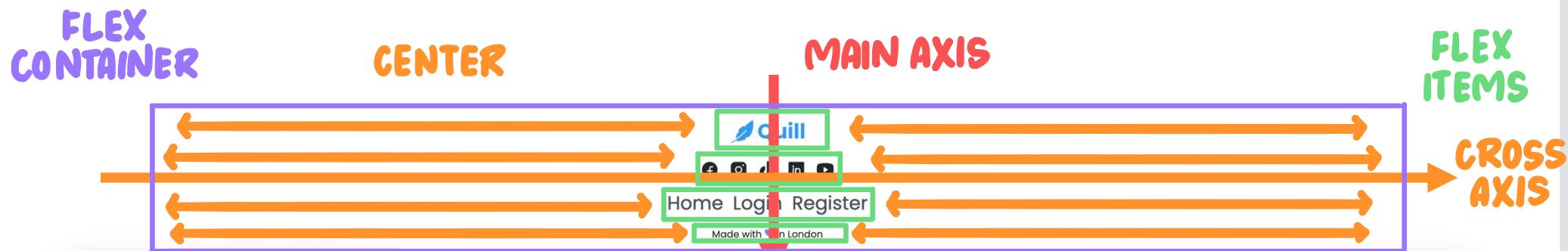
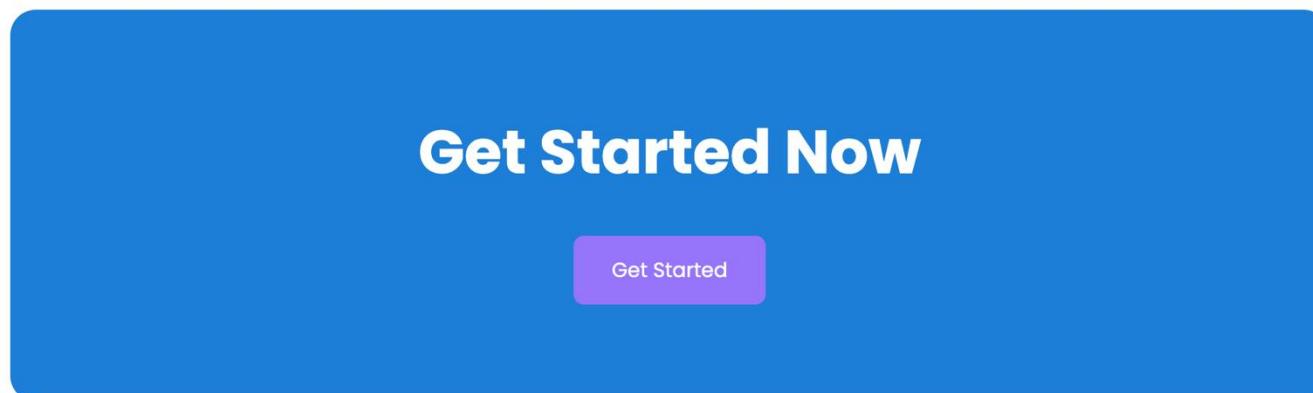
Mindful living for the
digital world 

The ultimate bullet journal app to document, reflect, and embrace your personal journey

Get Started

Learn More

QUILL HOMEPAGE





FLEXBOX

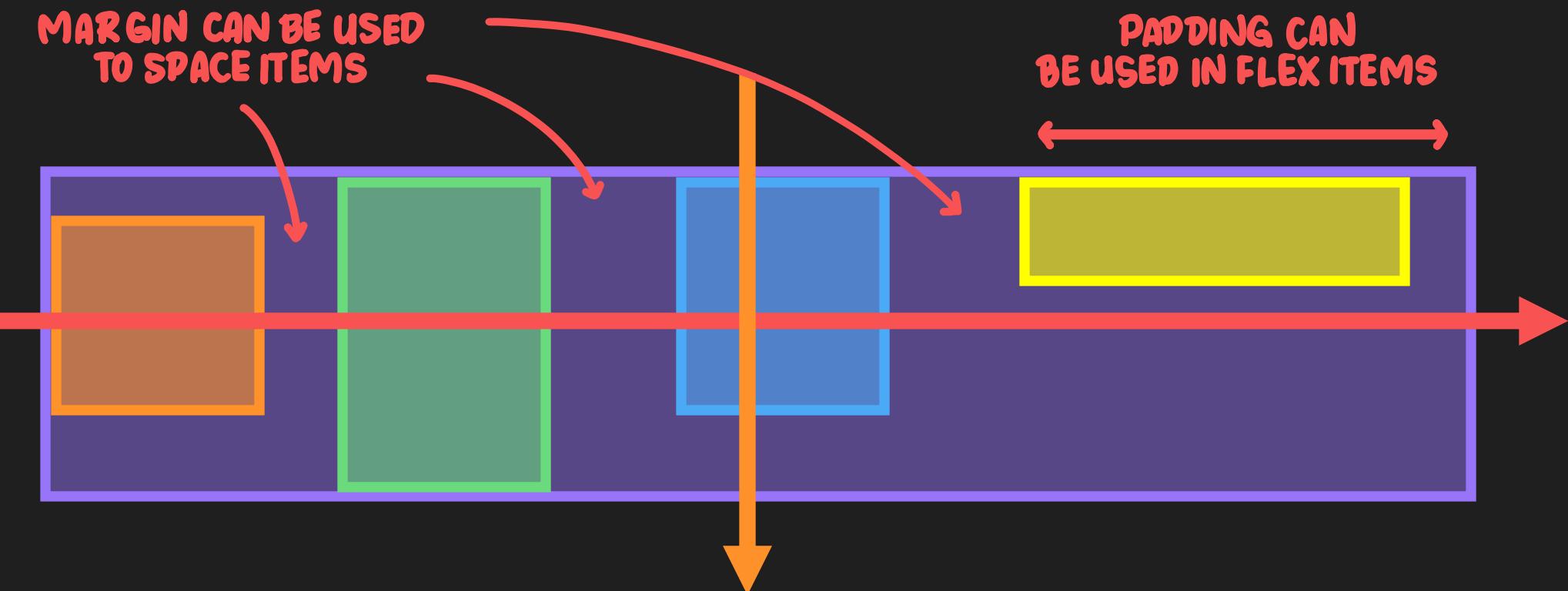
GAP

FLEXBOX & THE BOX MODEL

GAP PROPERTY

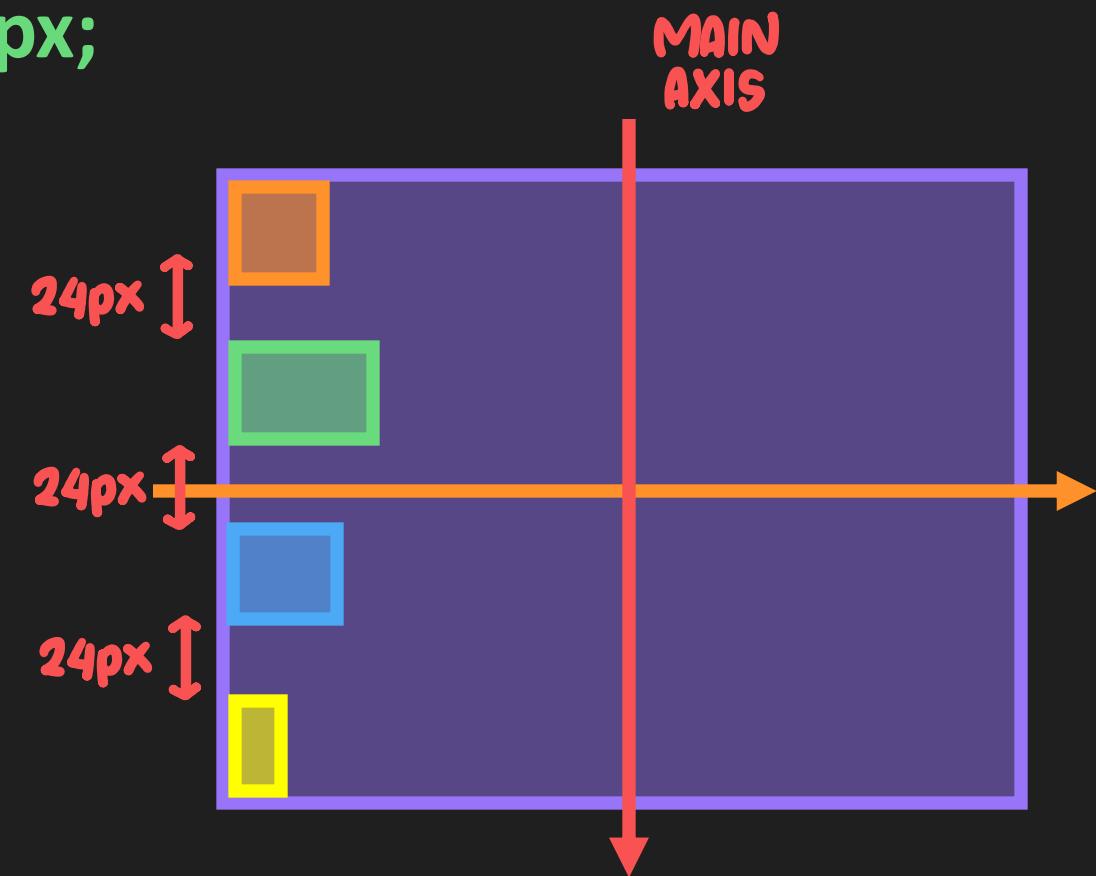
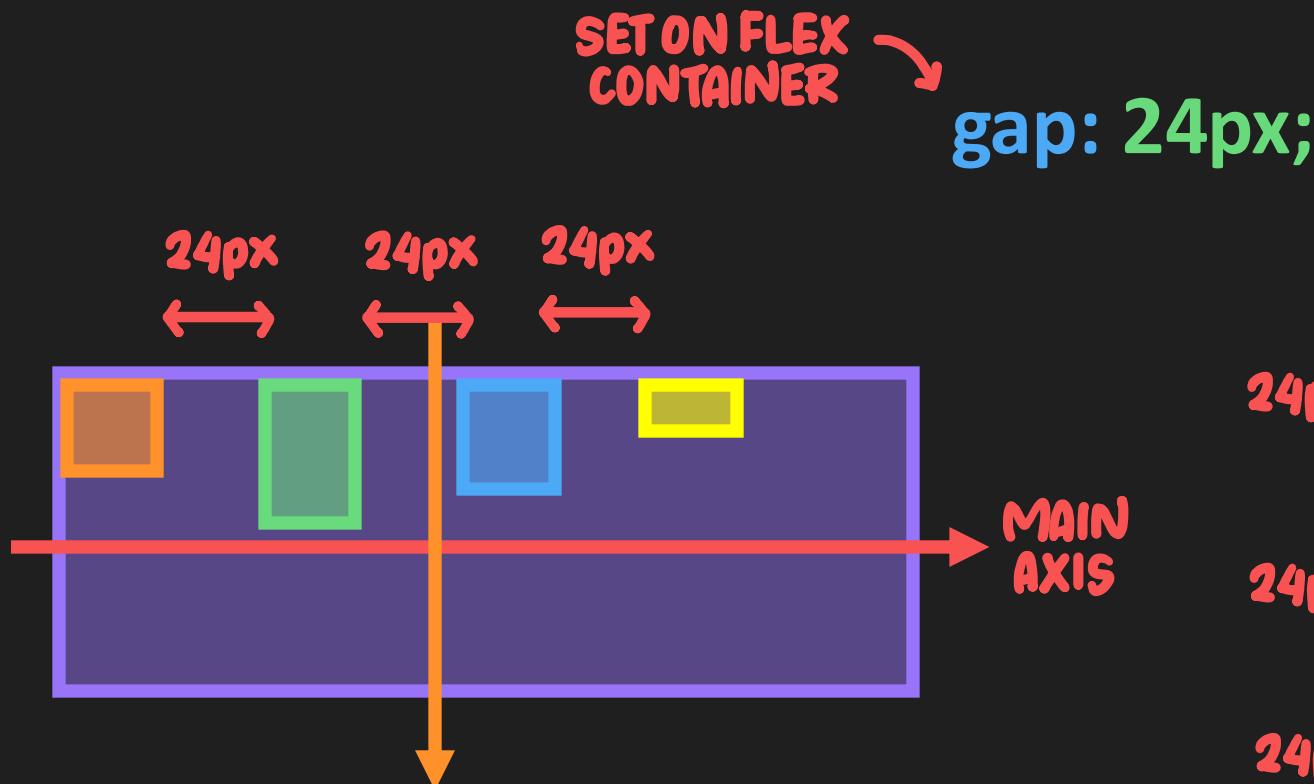
FLEXBOX AND THE BOX MODEL

BOX MODEL PROPERTIES CAN STILL BE USED
IN A FLEXBOX LAYOUT TO CONTROL SPACING



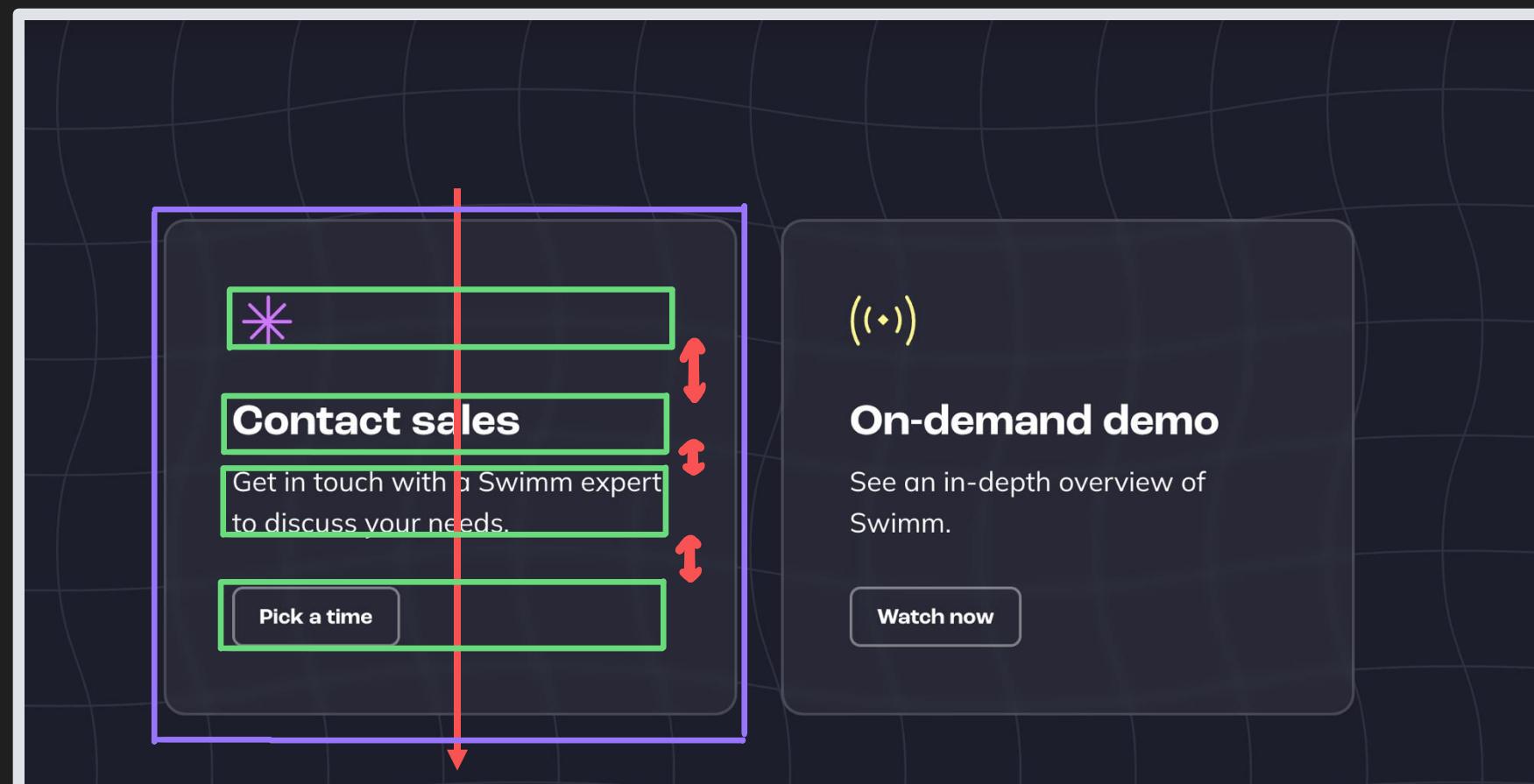
GAP PROPERTY

SETS UNIFORM SPACING BETWEEN FLEX ITEMS ON THE MAIN AXIS



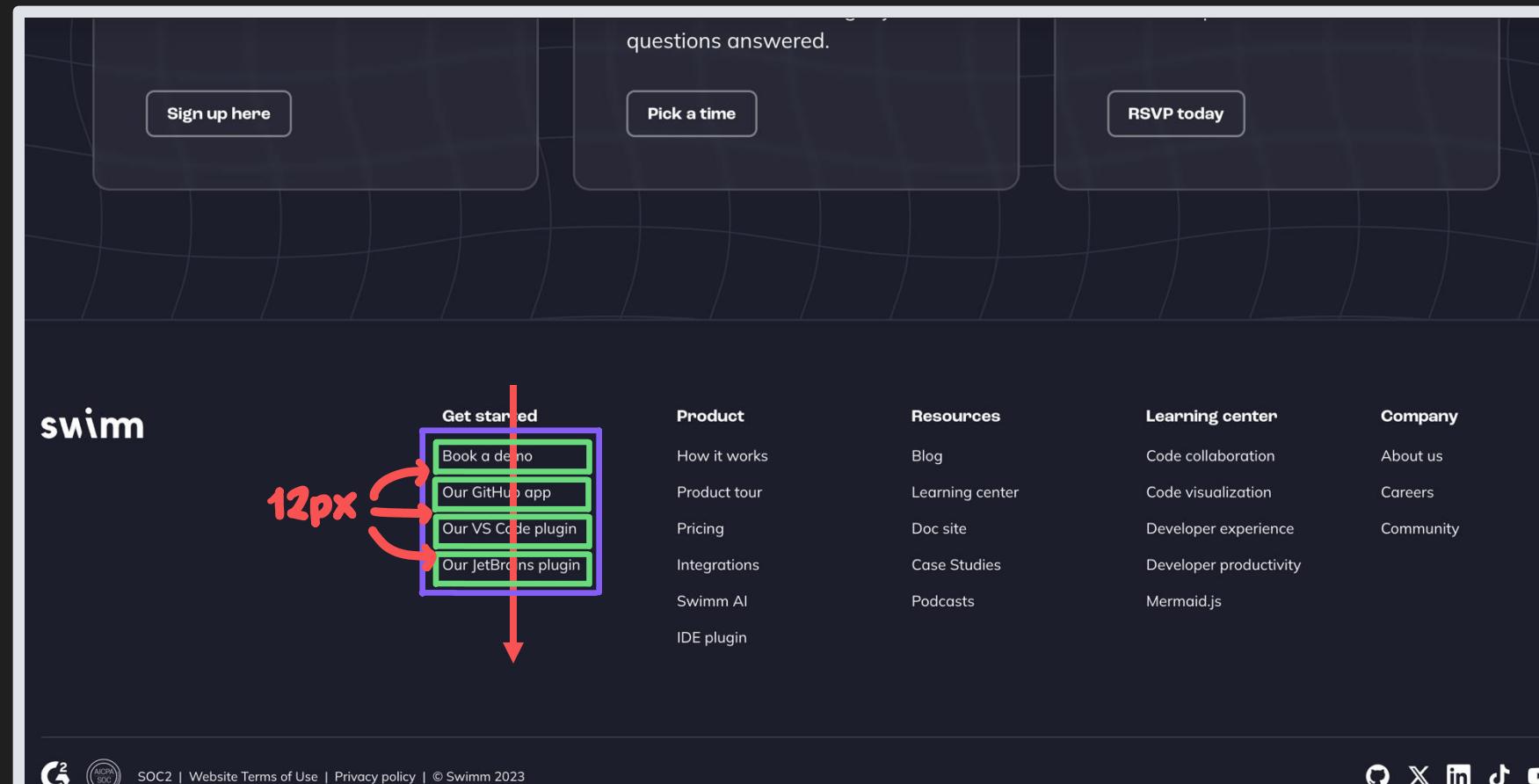
MARGIN AND GAP GUIDANCE

MARGIN IS USED WHEN YOU WANT DIFFERENT SPACING VALUES BETWEEN FLEX ITEMS



MARGIN AND GAP GUIDANCE

GAP IS USED WHEN YOU WANT UNIFORM SPACING VALUES BETWEEN FLEX ITEMS



QUILL HOMEPAGE

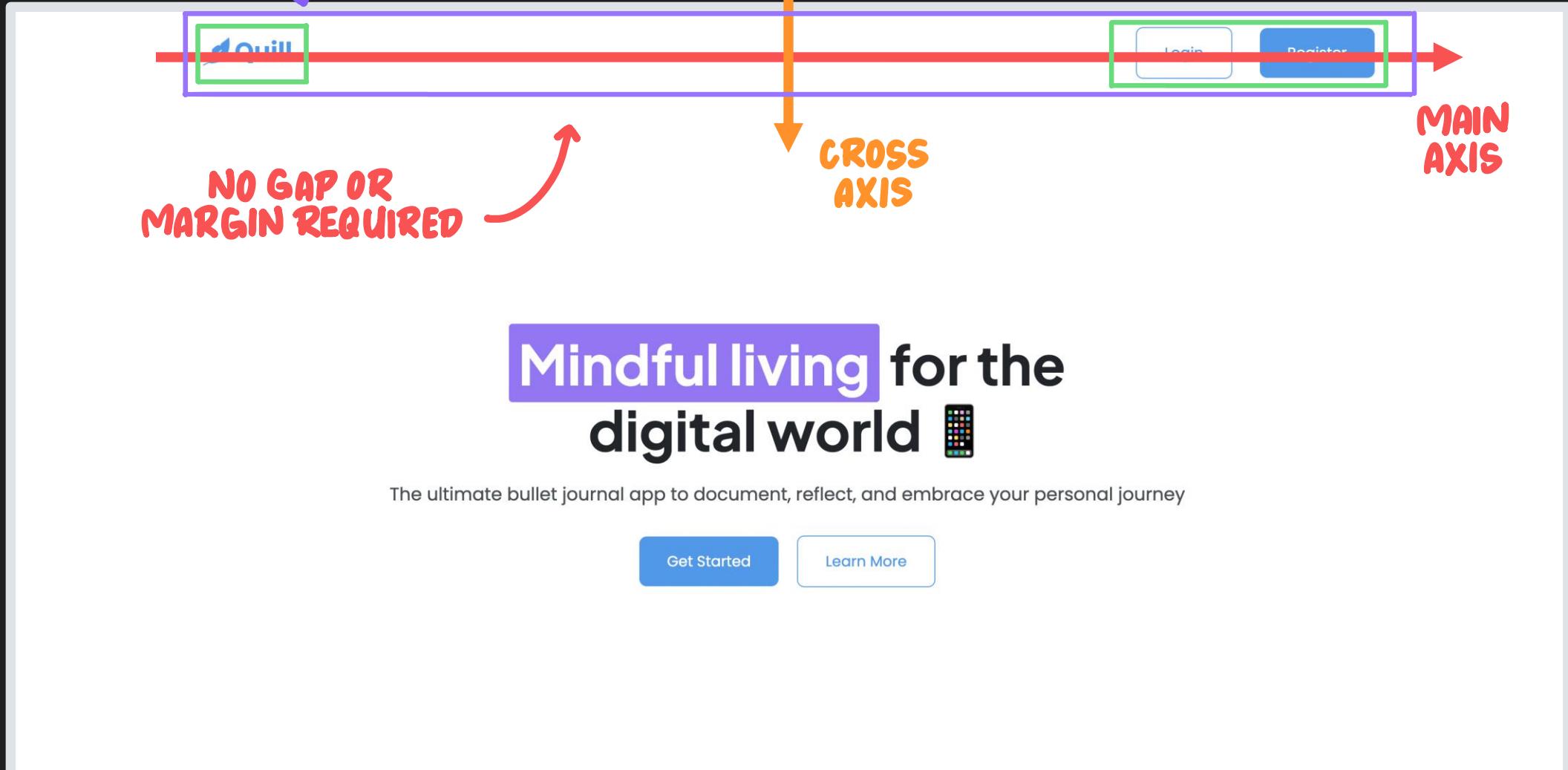
FLEX CONTAINER

FLEX ITEMS

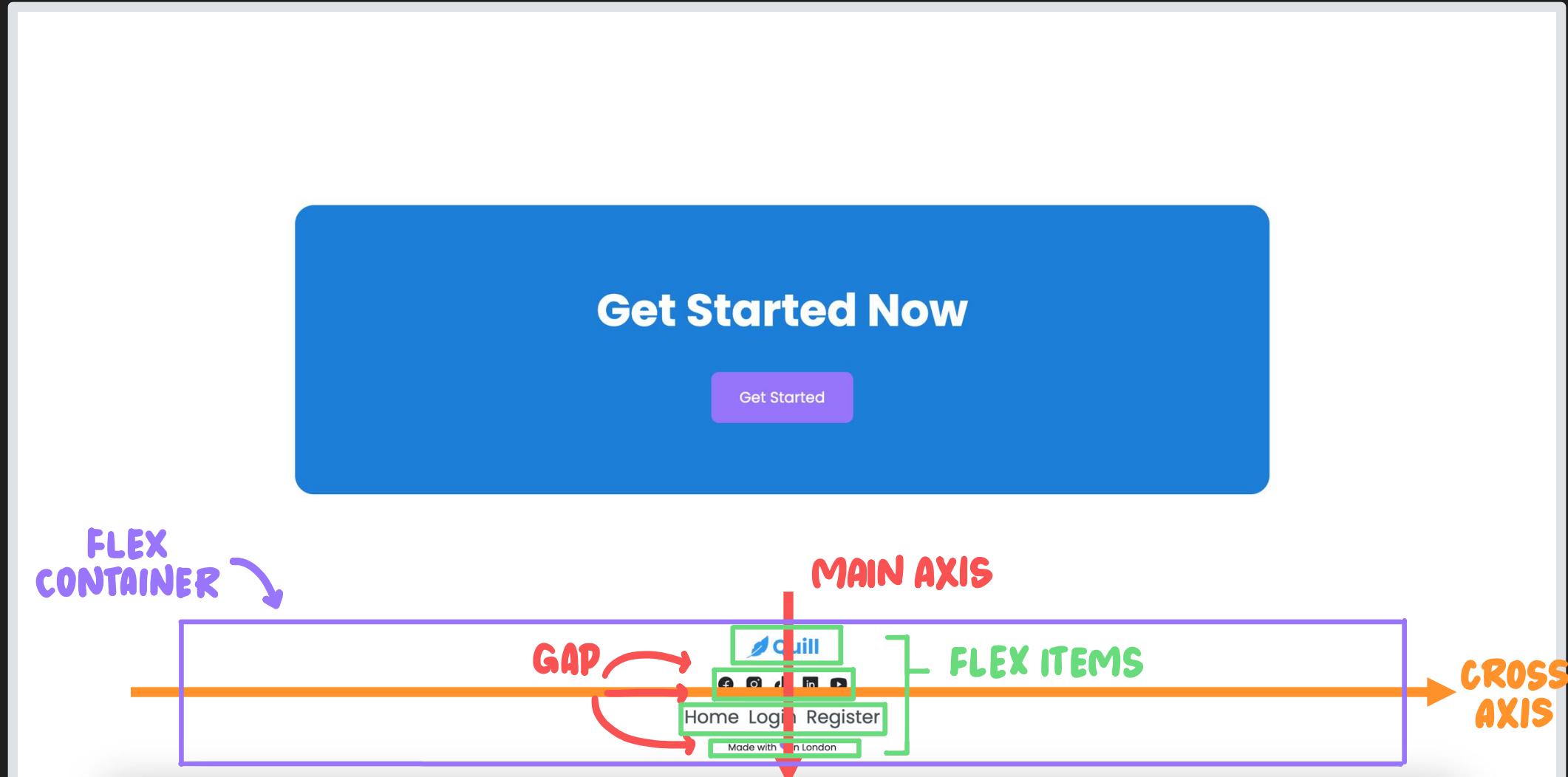
MAIN
AXIS

CROSS
AXIS

NO GAP OR
MARGIN REQUIRED



QUILL HOMEPAGE





FLEXBOX

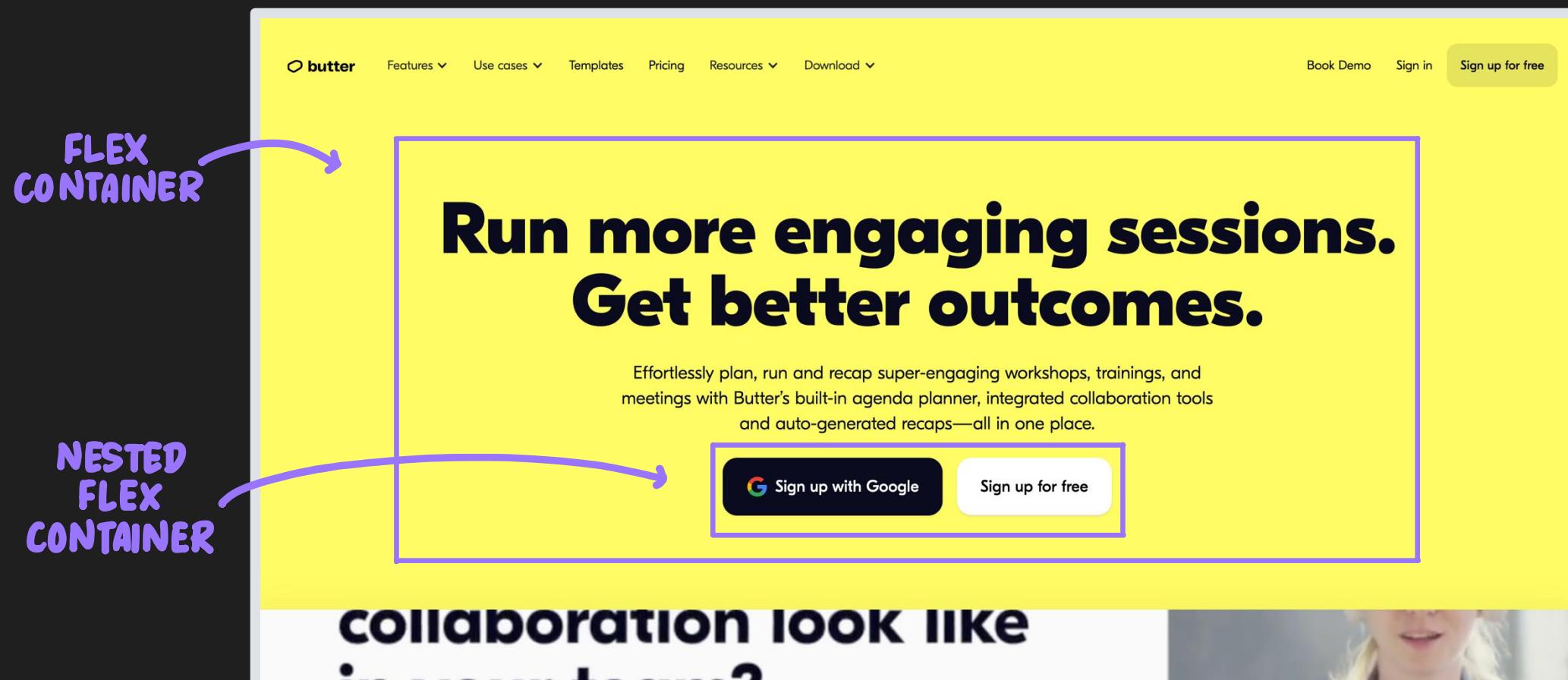
NESTED FLEXBOX

NESTED FLEXBOX

NESTED FLEXBOX GUIDANCE

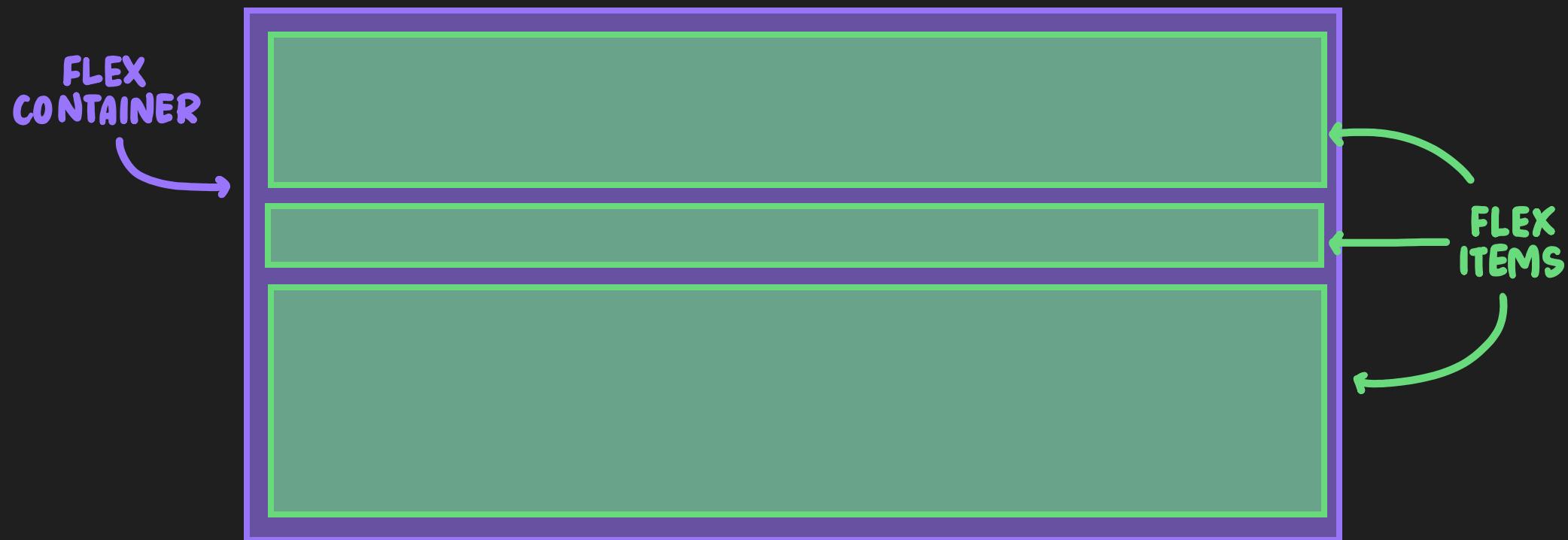
NESTED FLEXBOX

IT IS COMMON TO HAVE A FLEXBOX LAYOUT
INSIDE ANOTHER FLEXBOX LAYOUT



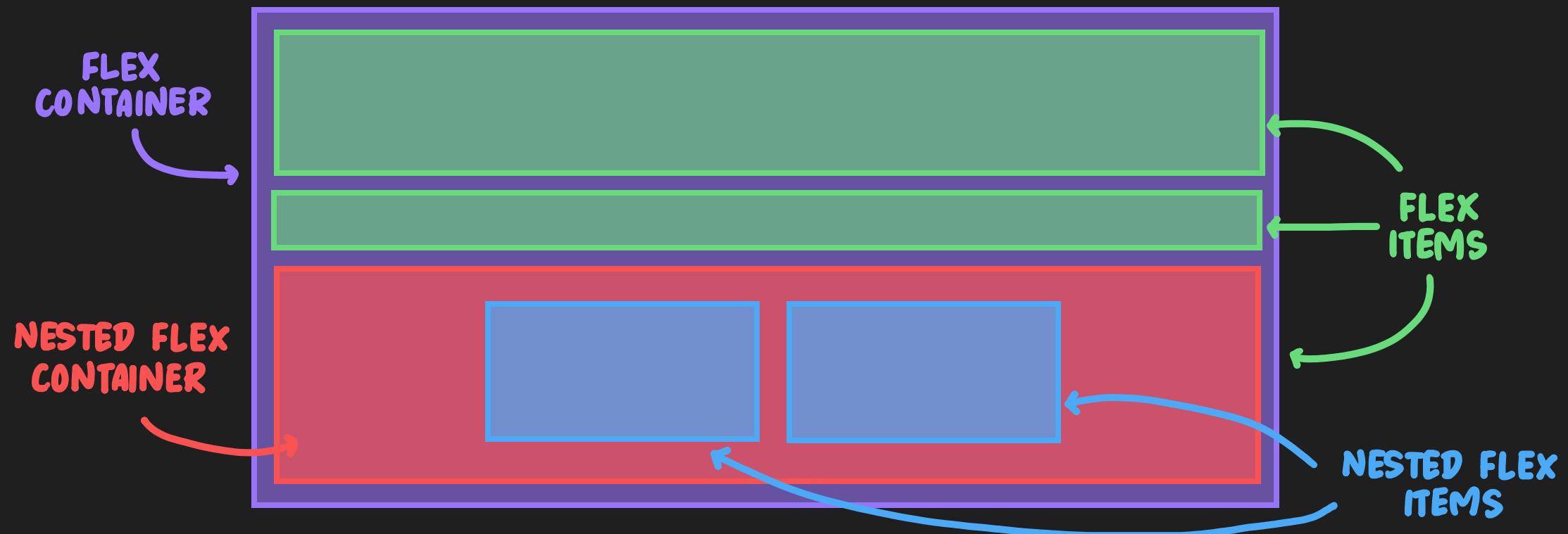
NESTED FLEXBOX

A FLEX ITEM WITHIN A FLEX CONTAINER CAN ALSO FUNCTION AS A FLEX CONTAINER ITSELF, ALLOWING FOR MULTI-LEVEL FLEX LAYOUTS



NESTED FLEXBOX

A FLEX ITEM WITHIN A FLEX CONTAINER CAN ALSO FUNCTION AS A FLEX CONTAINER ITSELF, ALLOWING FOR MULTI-LEVEL FLEX LAYOUTS



NESTED FLEXBOX GUIDANCE

COMMONLY USED ON NAVIGATION MENUS AND FOOTERS

FLEX ITEMS ↗



Use Cases ▾ Customers Showcase Pricing Sign in

Get Supademo for free

FLEX ITEMS ↗

Create engaging interactive

Use Cases ▾

Customers

Showcase

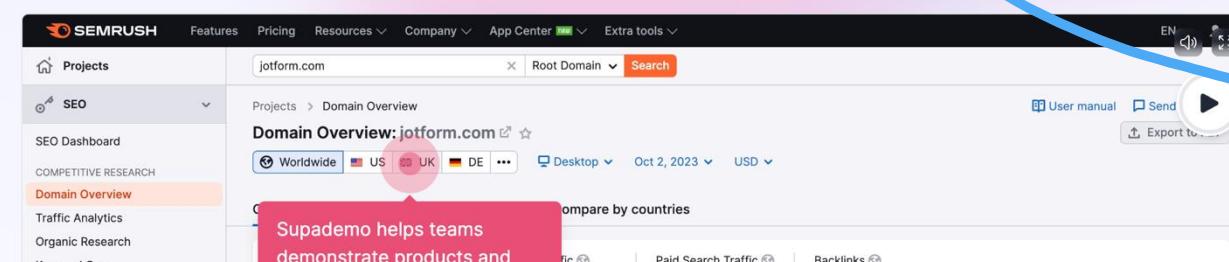
Pricing

Sign in

Get Supademo for free

FLEX CONTAINER ↗

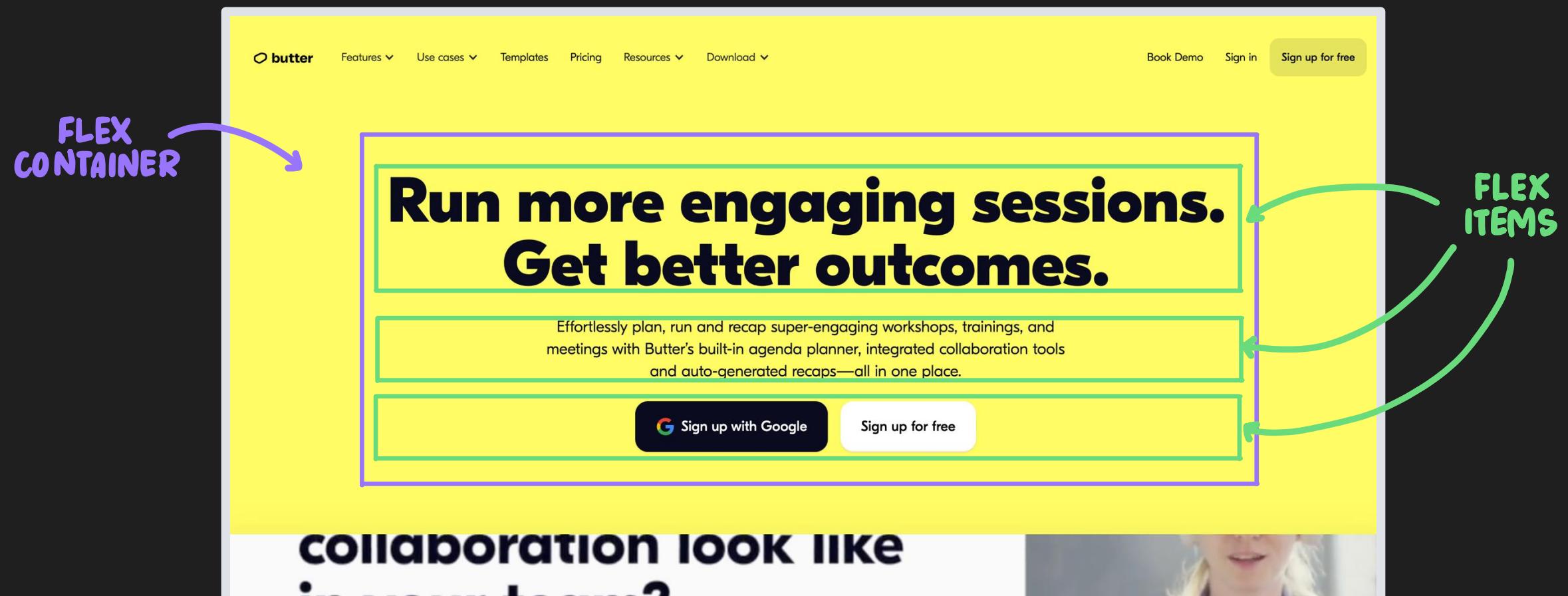
NESTED FLEX CONTAINER ↗



NESTED FLEX ITEMS ↗

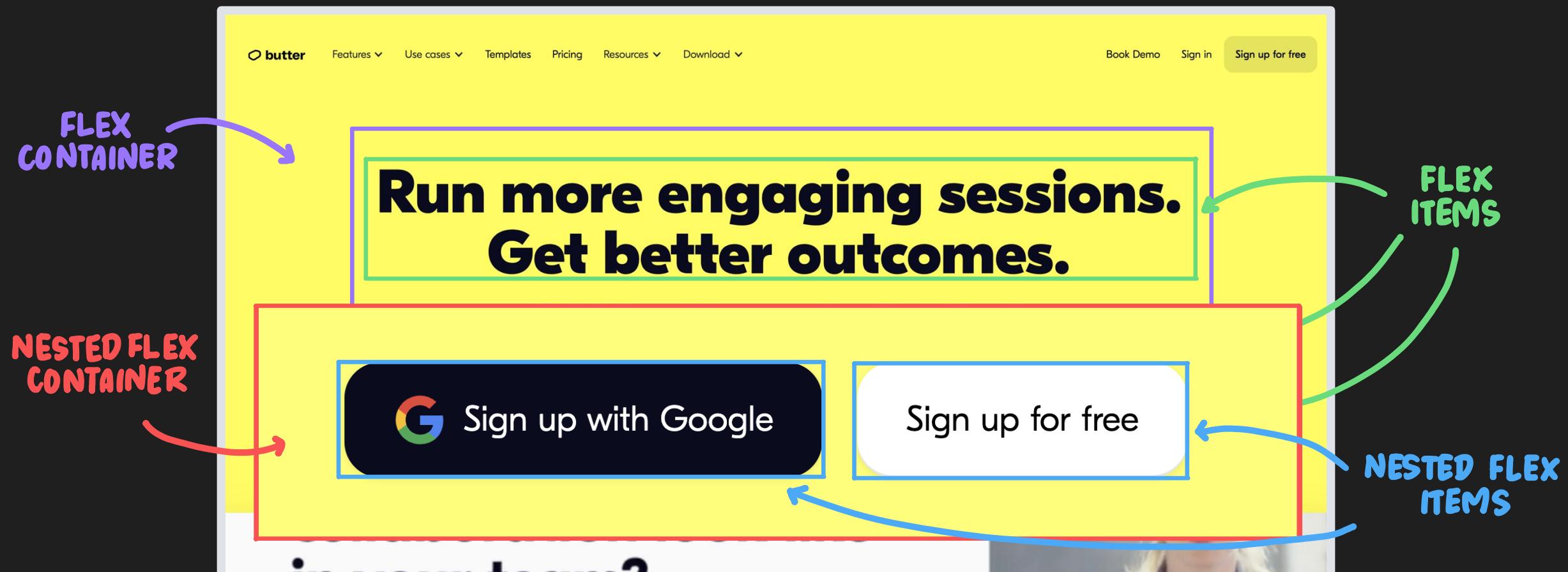
NESTED FLEXBOX GUIDANCE

COMMONLY USED IN SECTIONS AND COMPONENTS



NESTED FLEXBOX GUIDANCE

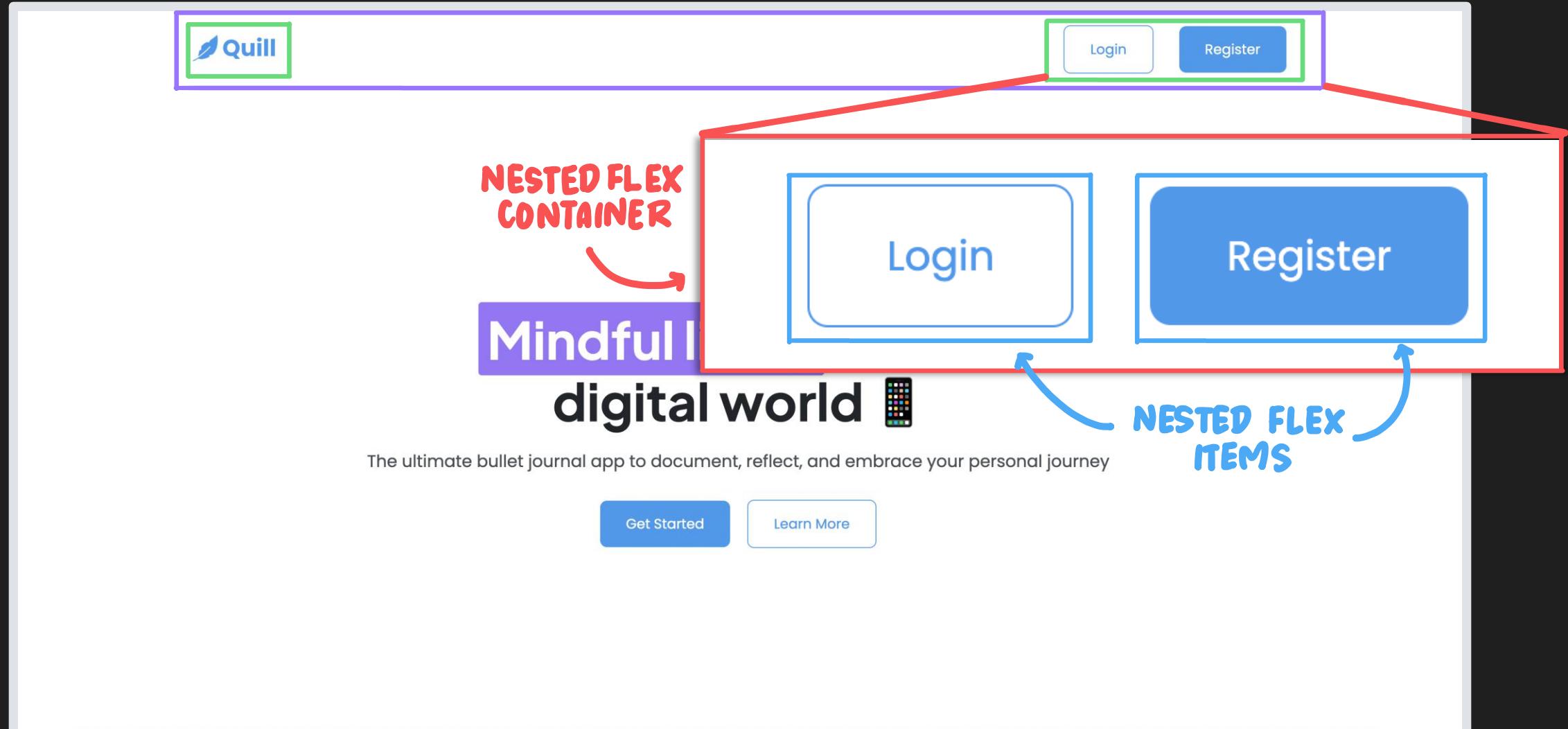
COMMONLY USED IN SECTIONS AND COMPONENTS





QUILL HOMEPAGE

FLEX CONTAINER ↗



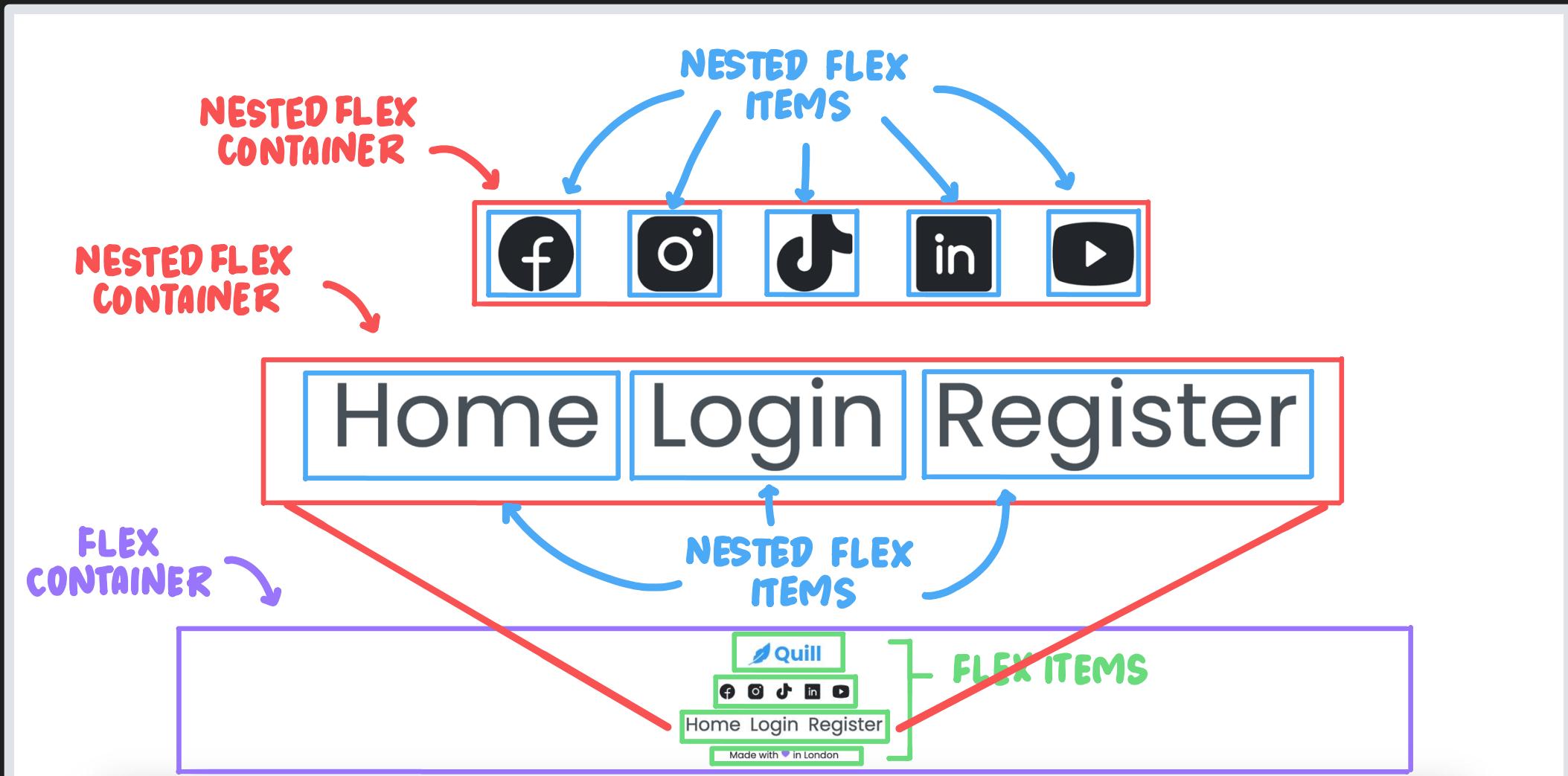
FLEX ITEMS ↗

NESTED FLEX CONTAINER ↗

Register

NESTED FLEX ITEMS ↗

QUILL HOMEPAGE





FLEXBOX

CENTERING

CENTERING WITH FLEXBOX

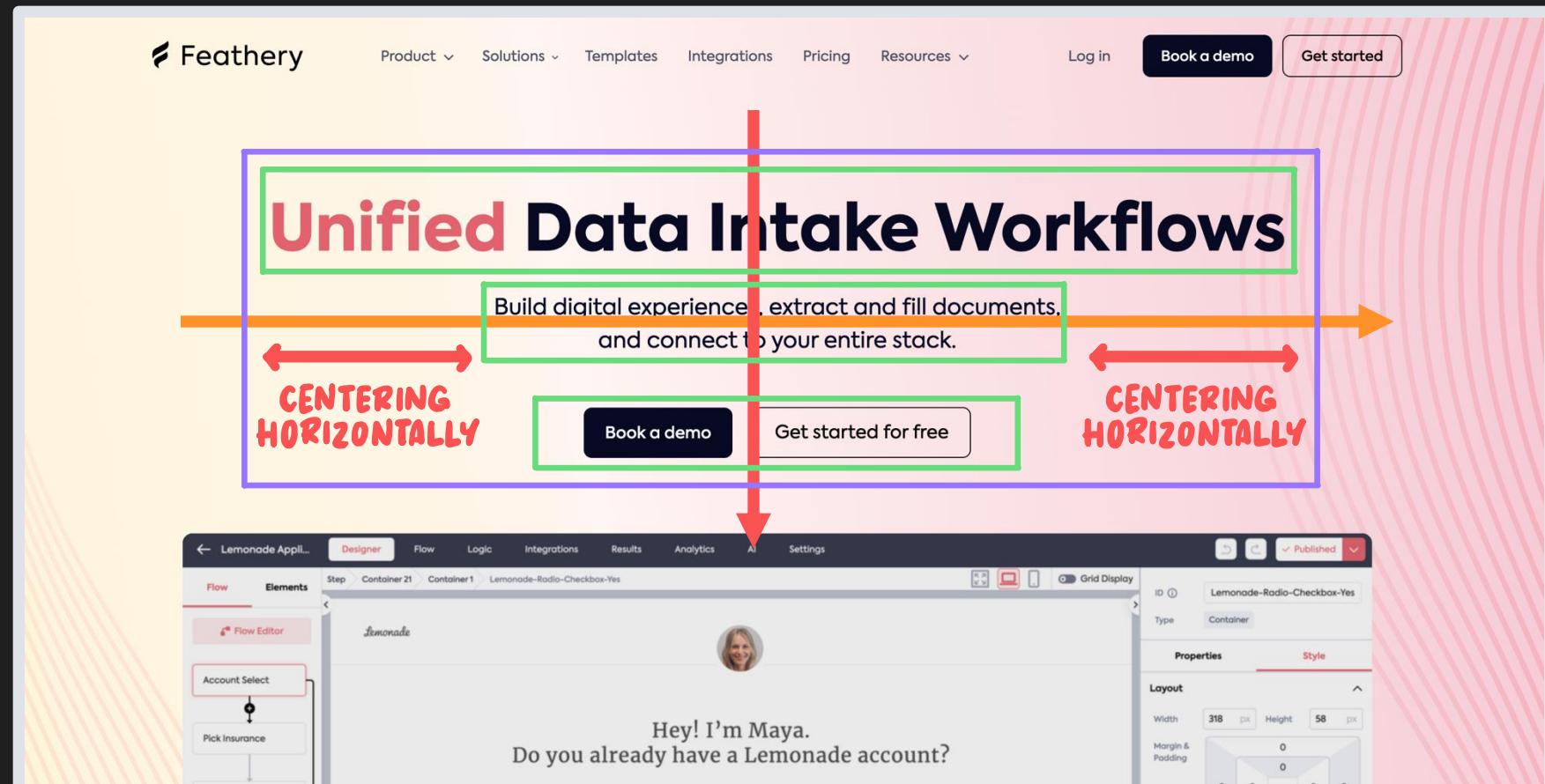
HORIZONTAL CENTERING METHODS

VERTICAL CENTERING METHODS

BOX MODEL VS. FLEXBOX CENTERING

CENTERING

FLEXBOX OFFERS A MODERN & FLEXIBLE APPROACH TO CENTERING ITEMS VERTICALLY AND HORIZONTALLY



CENTERING

FLEXBOX OFFERS A MODERN & FLEXIBLE APPROACH TO CENTERING ITEMS VERTICALLY AND HORIZONTALLY

The screenshot shows the Feathery website's homepage. At the top, there is a navigation bar with links for Product, Solutions, Templates, Integrations, Pricing, Resources, Log in, Book a demo, and Get started. Below the navigation, there are two main content sections.

The left section is titled "SOC 2 Certified" and features a circular badge with "AICPA SOC 2" and "SOC for Service Organization". It includes annotations: "CENTERING VERTICALLY" with a vertical orange arrow pointing down from the badge, "CENTERING HORIZONTALLY" with a horizontal red double-headed arrow across the badge, and "SOC 2 Certified" at the bottom. Below this, a paragraph states: "Feathery is built from the ground up with security in mind. We've gone through the rigorous process to be SOC 2 certified. Our report is available by contacting support@feathery.io".

The right section is titled "HIPAA Compliant" and features a circular badge with "HIPAA COMPLIANT" and a caduceus symbol. Below it, the text "HIPAA Compliant" is repeated, followed by: "Collect sensitive healthcare data with secure and HIPAA-compliant forms. Have questions about compliance with Feathery? Email us at support@feathery.io".

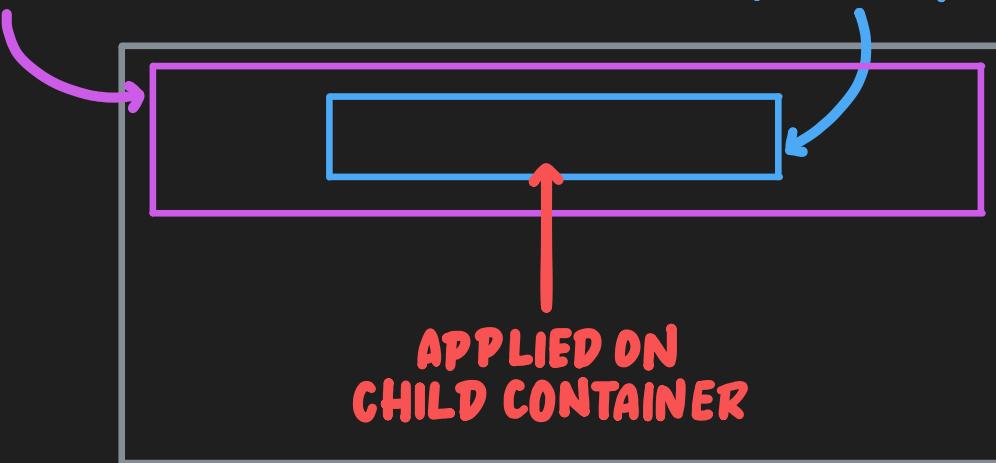
HORIZONTAL CENTERING A CONTAINER

BOX MODEL

MARGIN CAN BE APPLIED LEFT AND RIGHT TO HORIZONTALLY CENTER CHILD CONTAINERS

margin: 0 auto;

PARENT CONTAINER



CONTAINER
IS CENTERED

FLEXBOX

FLEX PROPERTIES MAKE IT SIMPLE TO HORIZONTALLY CENTER FLEX ITEMS

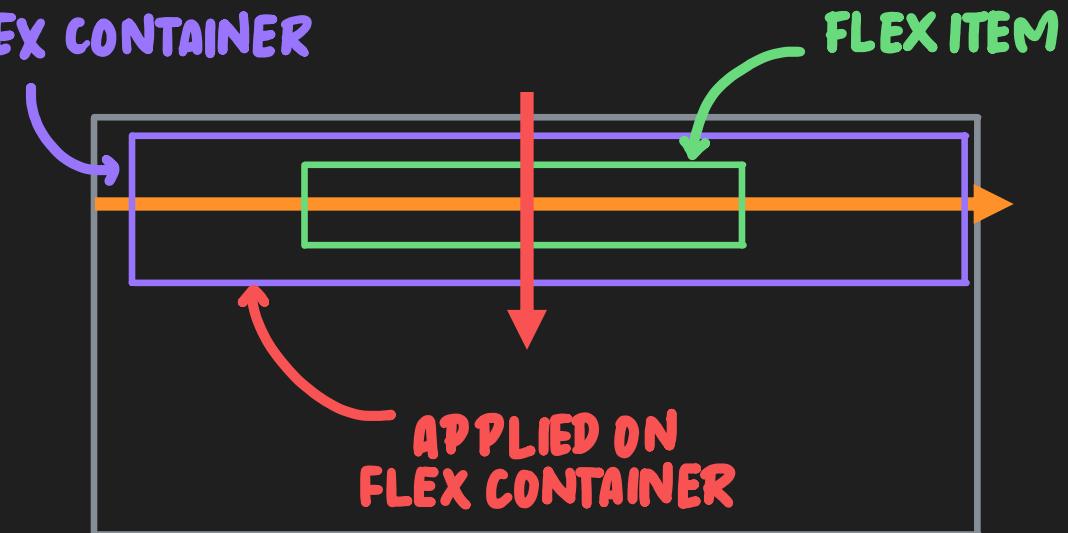
MAIN AXIS
IN ROW

justify-content: center;

MAIN AXIS
IN COLUMN

align-items: center;

FLEX CONTAINER



APPLIED ON
CHILD CONTAINER

APPLIED ON
FLEX CONTAINER

HORIZONTAL CENTERING CONTENT INSIDE A CONTAINER

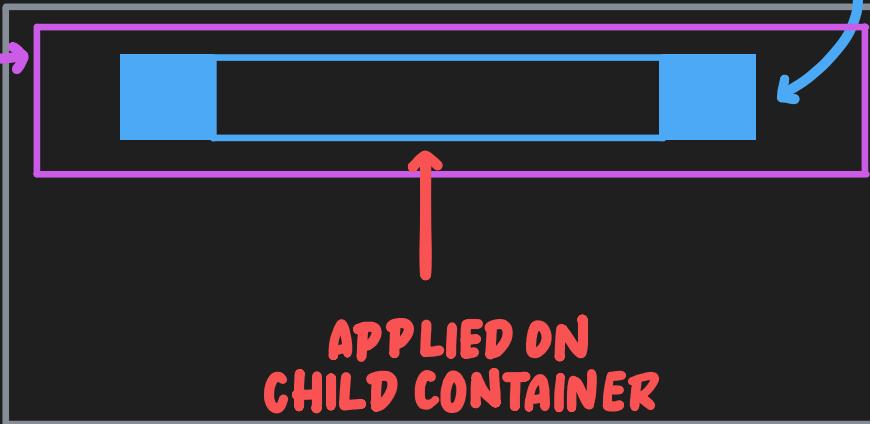
BOX MODEL

USING PADDING TO CREATE INTERNAL SPACE
LEFT AND RIGHT GIVES THE ILLUSION THAT
CONTENT INSIDE A CONTAINER IS CENTERED

padding: 0 200px;

PARENT CONTAINER

CHILD CONTAINER



CONTENT INSIDE
CONTAINER IS CENTERED

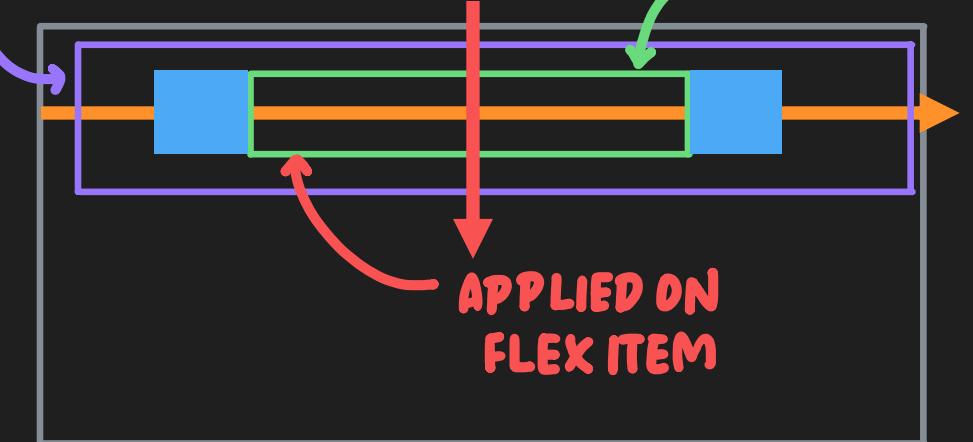
FLEXBOX

BOX MODEL PROPERTIES STILL APPLY ON
FLEX ITEMS, SO PADDING CAN STILL BE USED
TO CREATE INTERNAL HORIZONTAL SPACE

padding: 0 200px;

FLEX CONTAINER

FLEX ITEM



APPLIED ON
FLEX ITEM

VERTICAL CENTERING A CONTAINER

BOX MODEL

THERE IS NO EASY WAY TO VERTICALLY CENTER A CHILD CONTAINER INSIDE A PARENT CONTAINER WITH A SET HEIGHT



CONTAINER
IS CENTERED

FLEXBOX

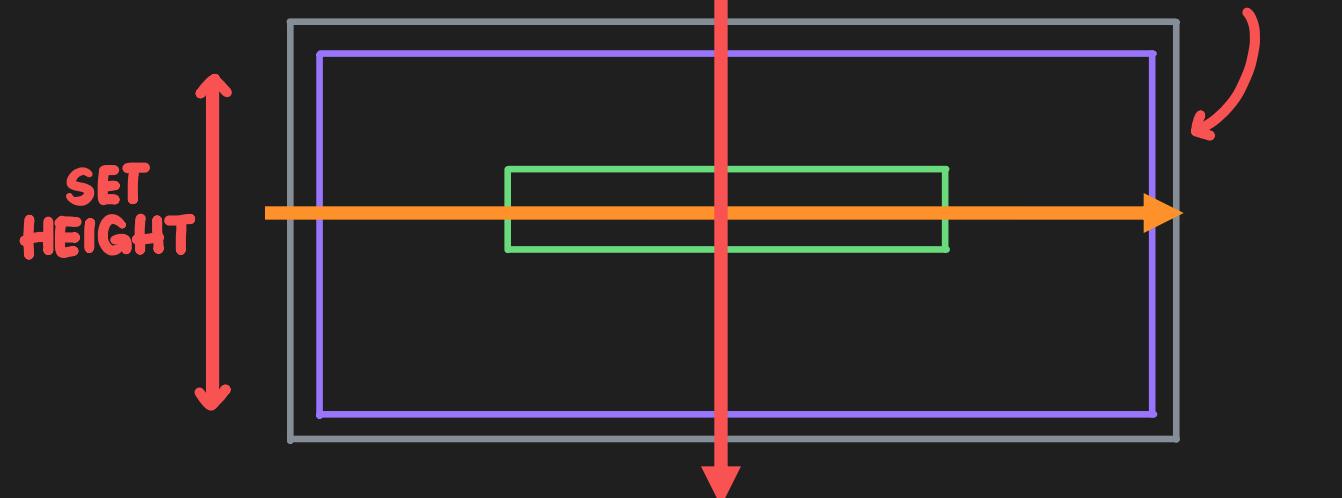
FLEXBOX PROPERTIES MAKE IT SIMPLE TO VERTICALLY CENTER FLEX ITEMS WHEN THE PARENT CONTAINER HAS A SET HEIGHT

MAIN AXIS
IN ROW

align-items: center;

MAIN AXIS
IN COLUMN

justify-content: center;



PARENT CONTAINER
HAS A SET HEIGHT

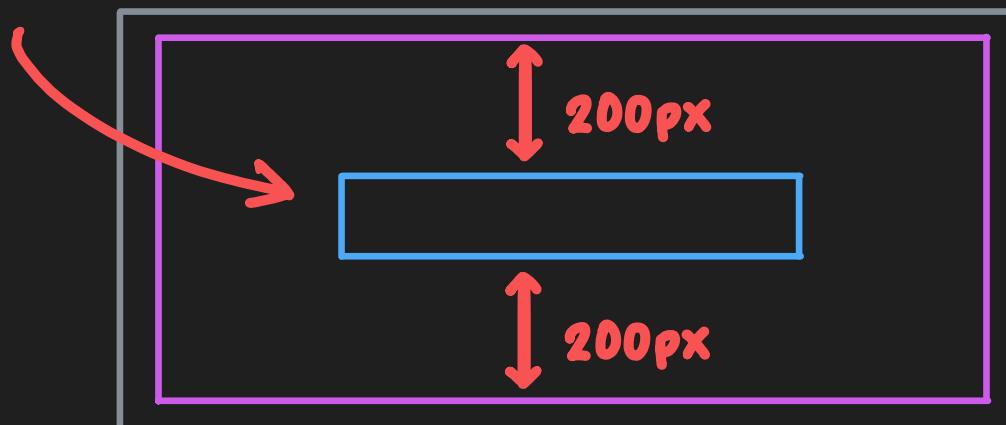
VERTICAL CENTERING CONTENT INSIDE A CONTAINER

BOX MODEL

PADDING CAN BE APPLIED TO THE TOP AND BOTTOM OF THE CHILD CONTAINER

padding: 200px 0;

APPLIED ON CHILD CONTAINER



CONTENT INSIDE
CONTAINER IS CENTERED

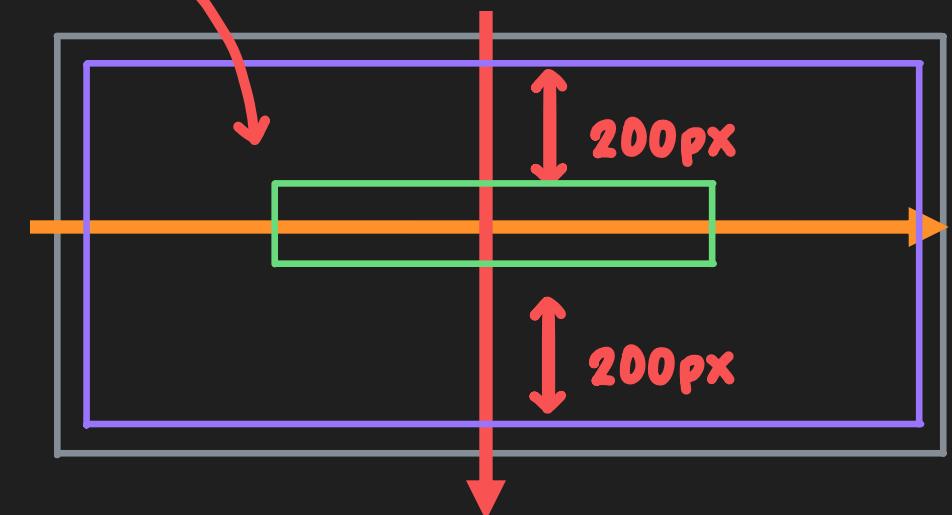
PARENT CONTAINER HAS NO SET HEIGHT

FLEXBOX

BOX MODEL PROPERTIES STILL APPLY ON FLEX ITEMS, SO PADDING CAN BE USED TO CREATE INTERNAL VERTICAL SPACE

padding: 200px 0;

APPLIED ON
FLEX ITEM





CENTERING GUIDANCE

	BOX MODEL	FLEXBOX
HORIZONTALLY CENTERING A CONTAINER	<p><code>margin: 0 auto;</code></p> <p>USED TO CENTER MAIN PAGE CONTAINERS & SOMETIMES REGULAR CONTENT CONTAINERS</p>	<p><code>justify-content: center;</code> <code>align-items: center;</code></p> <p>USED TO HORIZONTALLY CENTER REGULAR CONTENT CONTAINERS</p>
HORIZONTALLY CENTERING CONTENT INSIDE A CONTAINER	<p><code>padding: 0 200px;</code></p> <p>USED FOR CREATING EQUAL HORIZONTAL SPACE AROUND CONTENT INSIDE A CONTAINER</p>	
VERTICALLY CENTERING A CONTAINER	<p>X NO EASY WAY</p>	<p><code>justify-content: center;</code> <code>align-items: center;</code></p> <p>USED TO VERTICALLY CENTER REGULAR CONTENT CONTAINERS</p>
VERTICALLY CENTERING CONTENT INSIDE A CONTAINER	<p><code>padding: 200px 0;</code></p> <p>USED FOR CREATING EQUAL VERTICAL SPACE AROUND CONTENT INSIDE A CONTAINER</p>	

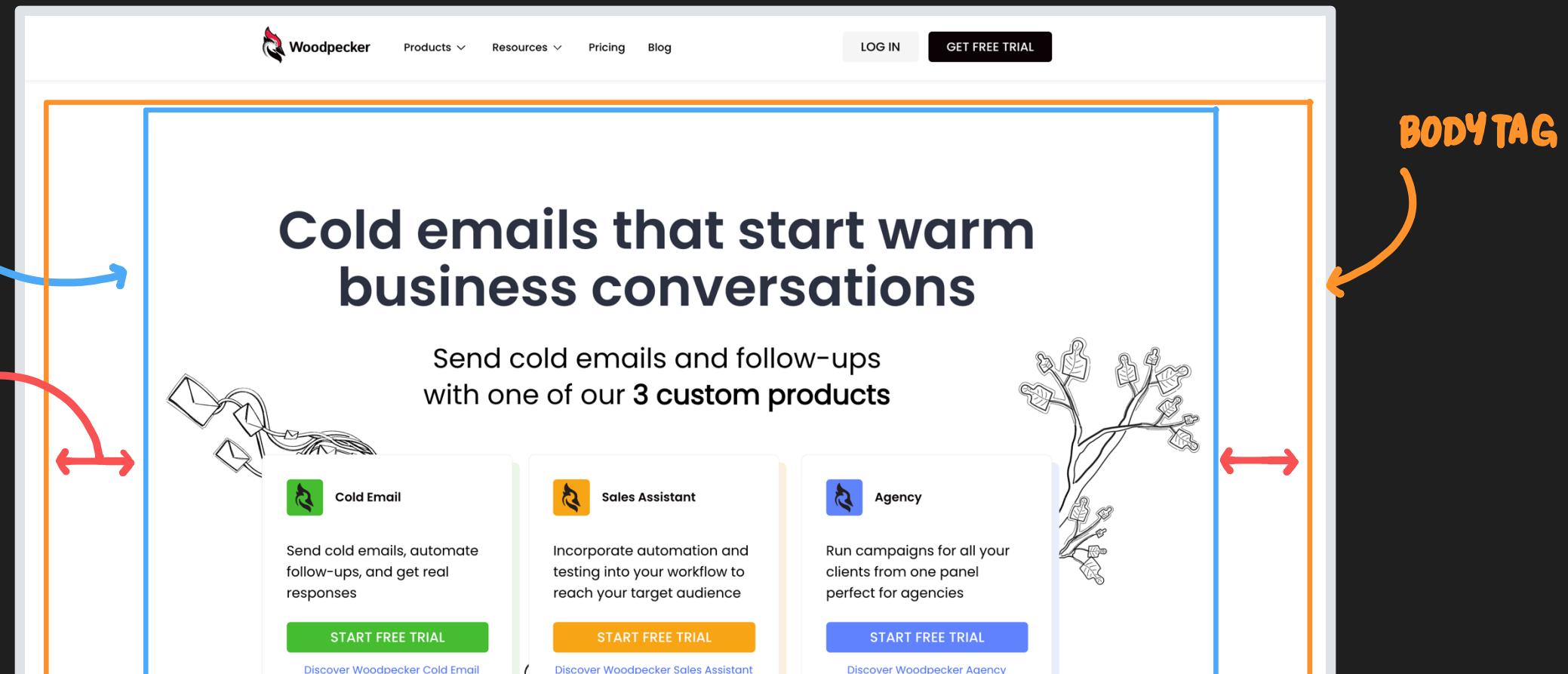
HORIZONTAL CENTERING GUIDANCE

MARGIN IS OFTEN USED TO ESTABLISH A WEBPAGE'S MAIN CONTAINER AS IT IS A SIMPLE METHOD FOR HORIZONTAL CENTERING

MAIN CONTAINER

MARGIN

BODY TAG



HORIZONTAL CENTERING GUIDANCE

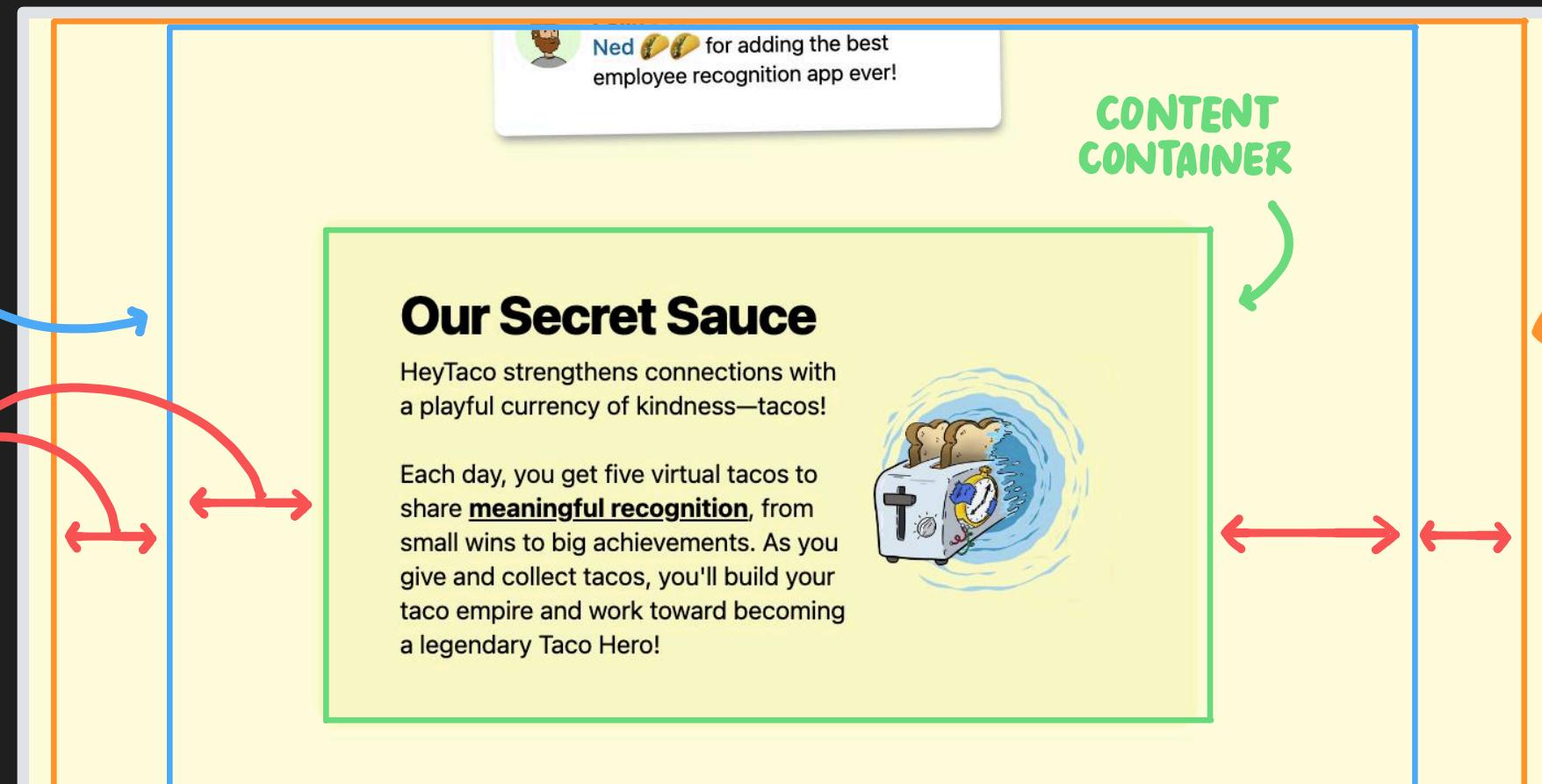
MARGIN IS OFTEN USED TO ESTABLISH A WEBPAGE'S MAIN CONTAINER AS IT IS A SIMPLE METHOD FOR HORIZONTAL CENTERING

MAIN CONTAINER

MARGIN

CONTENT
CONTAINER

BODY TAG





HORIZONTAL CENTERING GUIDANCE

FLEXBOX PROPERTIES MAKE IT SIMPLE TO
HORIZONTALLY CENTER REGULAR CONTENT CONTAINERS

The screenshot shows the Feathery website's homepage. A large central box contains the heading "Unified Data Intake Workflows" and a descriptive text block. Two red double-headed arrows labeled "CENTERING HORIZONTALLY" indicate the horizontal centering of these elements. Below this, a smaller box contains two buttons: "Book a demo" and "Get started for free". At the bottom, there's a snippet of the "Designer" interface showing a flow editor and some UI components.

Unified Data Intake Workflows

Build digital experiences, extract and fill documents, and connect to your entire stack.

CENTERING HORIZONTALLY

CENTERING HORIZONTALLY

Book a demo Get started for free

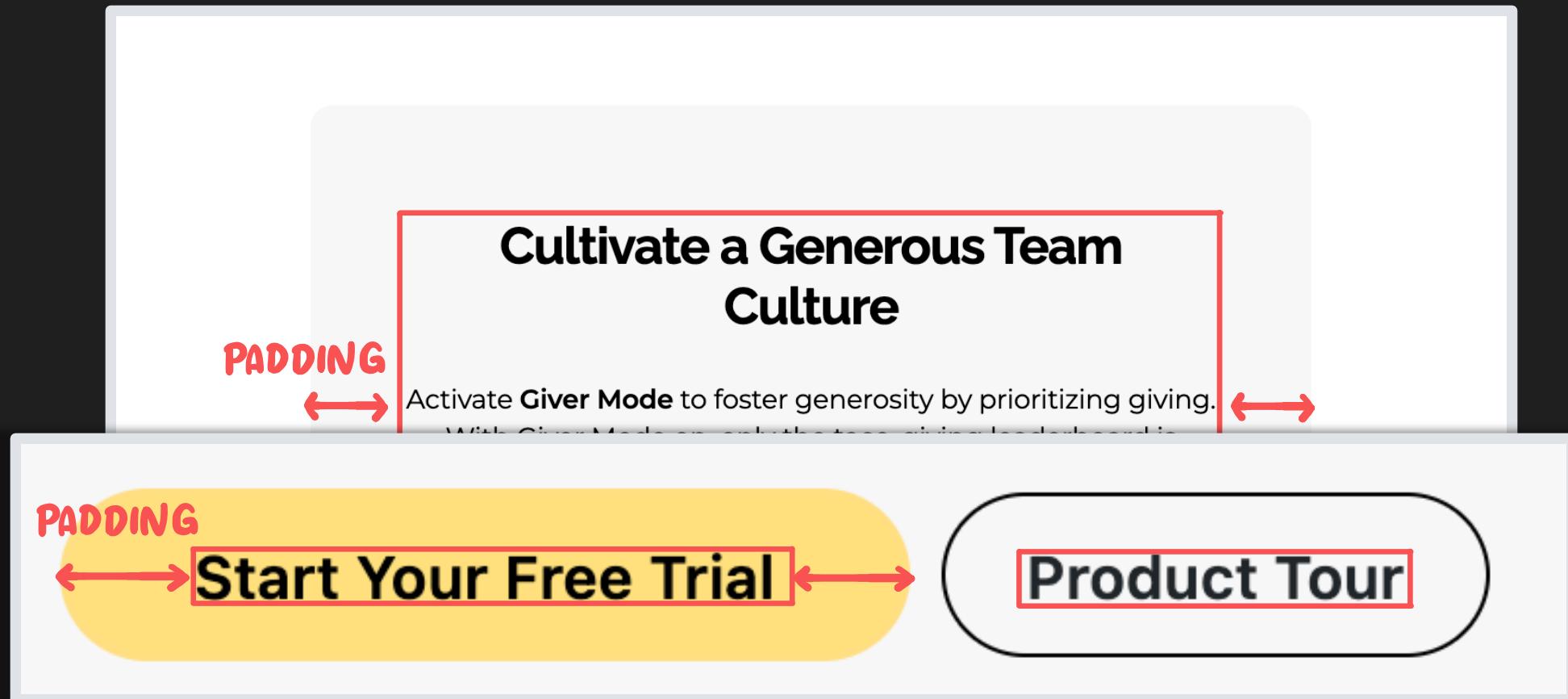
Lemonade Appl... Designer Flow Logic Integrations Results Analytics AI Settings

Flow Elements Step Container 21 Container 1 Lemonade-Radio-Checkbox-Yes

Hey! I'm Maya.
Do you already have a Lemonade account?

HORIZONTAL CENTERING GUIDANCE

PADDING IS USED TO CREATE EQUAL INTERNAL SPACE LEFT AND RIGHT AROUND CONTAINERS LIKE CARDS & ELEMENTS LIKE ANCHOR TAGS



HORIZONTAL CENTERING GUIDANCE

PADDING CAN BE USED TO CREATE EQUAL INTERNAL SPACE LEFT AND RIGHT ON FLEX CONTAINERS



VERTICAL CENTERING GUIDANCE

FLEXBOX PROPERTIES ARE OFTEN USED TO VERTICALLY CENTER UI ELEMENTS INSIDE A FLEX CONTAINER THAT HAS A SET HEIGHT

The diagram illustrates the concept of vertical centering in a flex container. It shows a white rectangular area representing a flex container with a fixed height. Inside this container, there are three items: a blue circle with a white house icon, a green circle with a white house icon, and a white rectangular card with a red arrow and some text.

Annotations explain the layout:

- SET HEIGHT**: Points to the overall height of the white container.
- HORIZONTALLY CENTERED**: Points to the green circle, which is centered horizontally within its flex item's width.
- VERTICALLY CENTERED**: Points to the blue circle, which is positioned vertically in the center of the white container.

Below the diagram, there is some small, partially visible text that appears to be part of a user interface, including links like "Answers" and "Contact us".

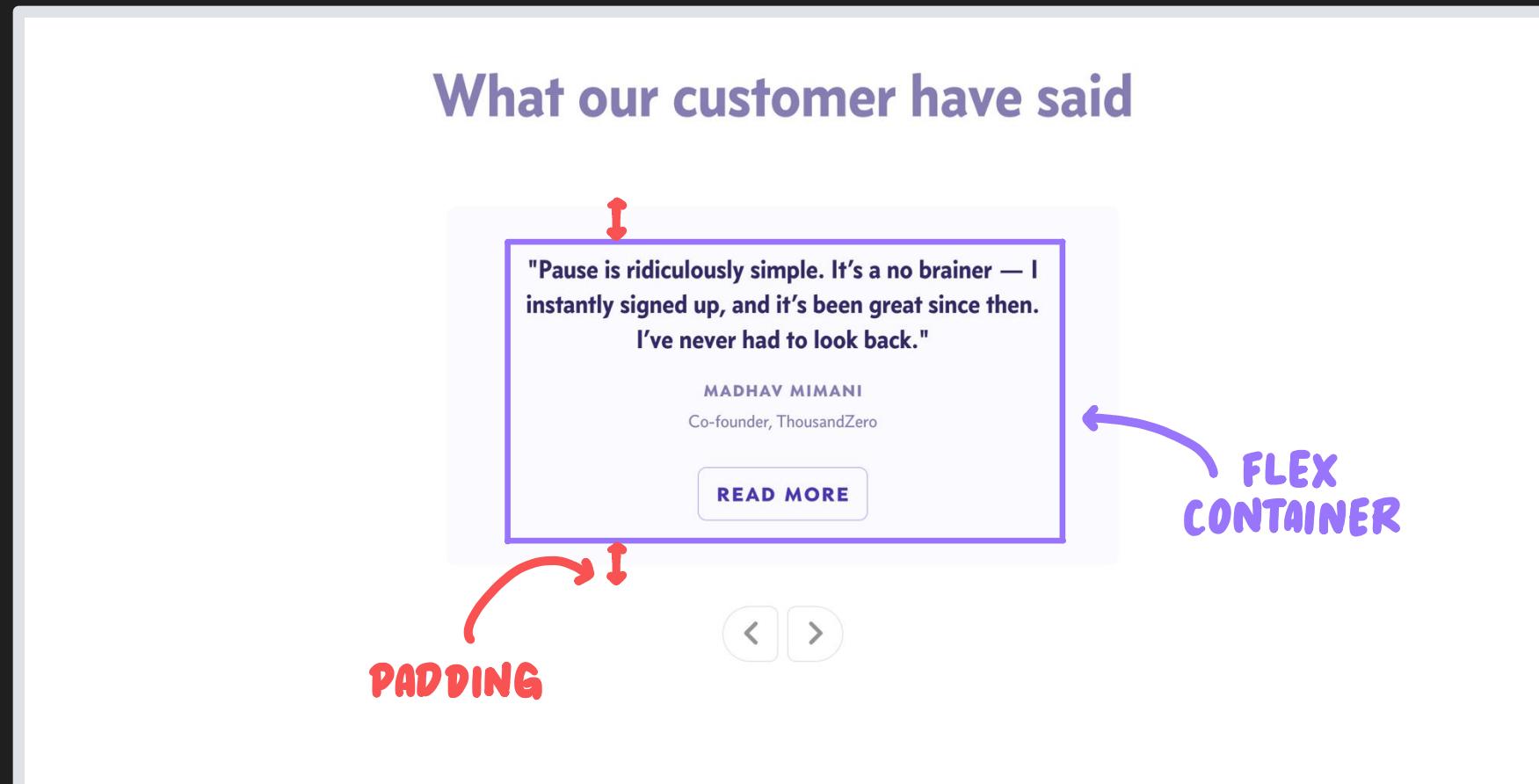
VERTICAL CENTERING GUIDANCE

PADDING IS USED TO CREATE EQUAL INTERNAL SPACE TOP AND BOTTOM AROUND CONTAINERS LIKE CARDS & ELEMENTS LIKE ANCHOR TAGS

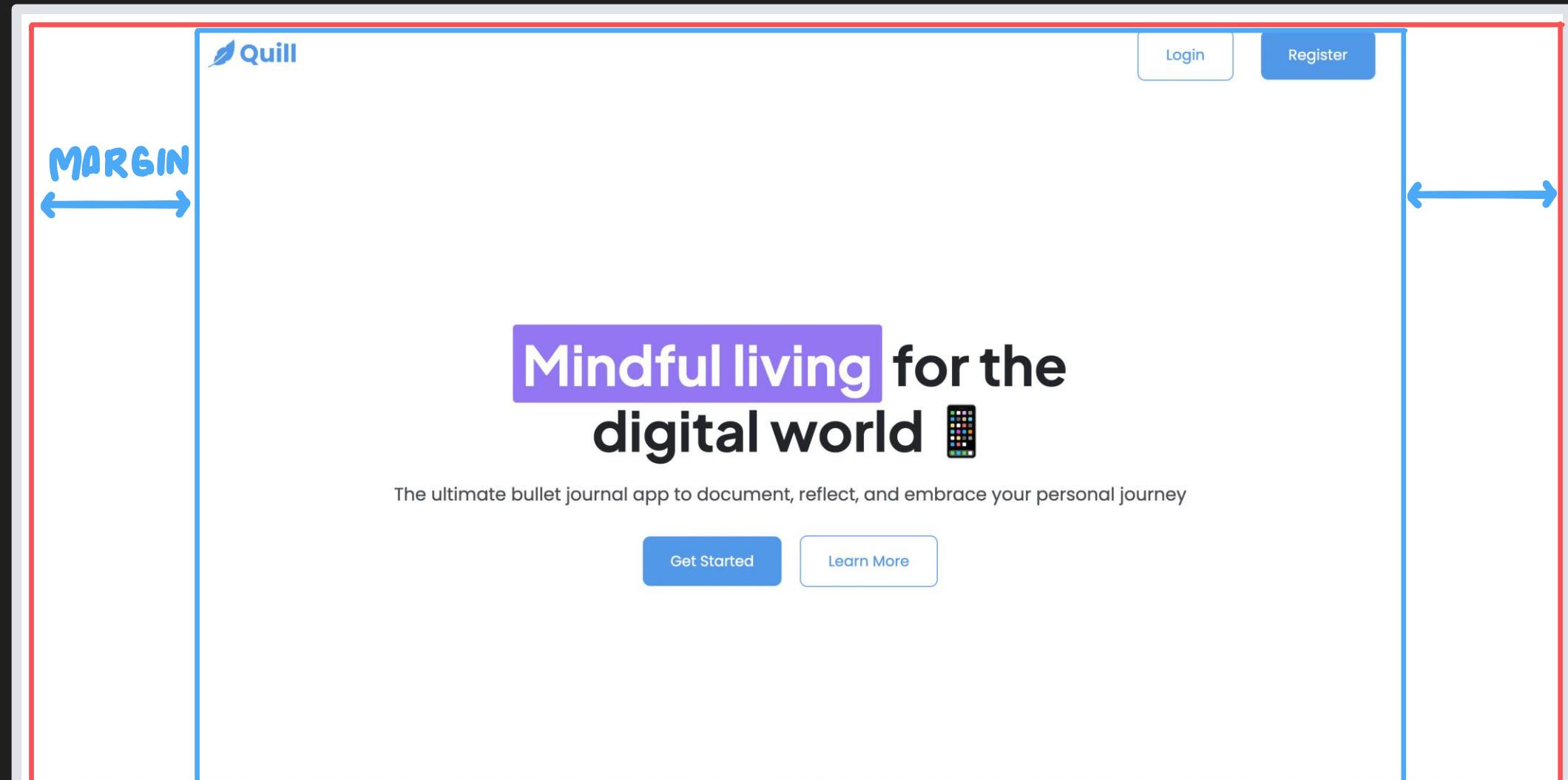


VERTICAL CENTERING GUIDANCE

PADDING CAN ALSO USED TO CREATE EQUAL INTERNAL SPACE
TOP AND BOTTOM ON FLEX CONTAINERS



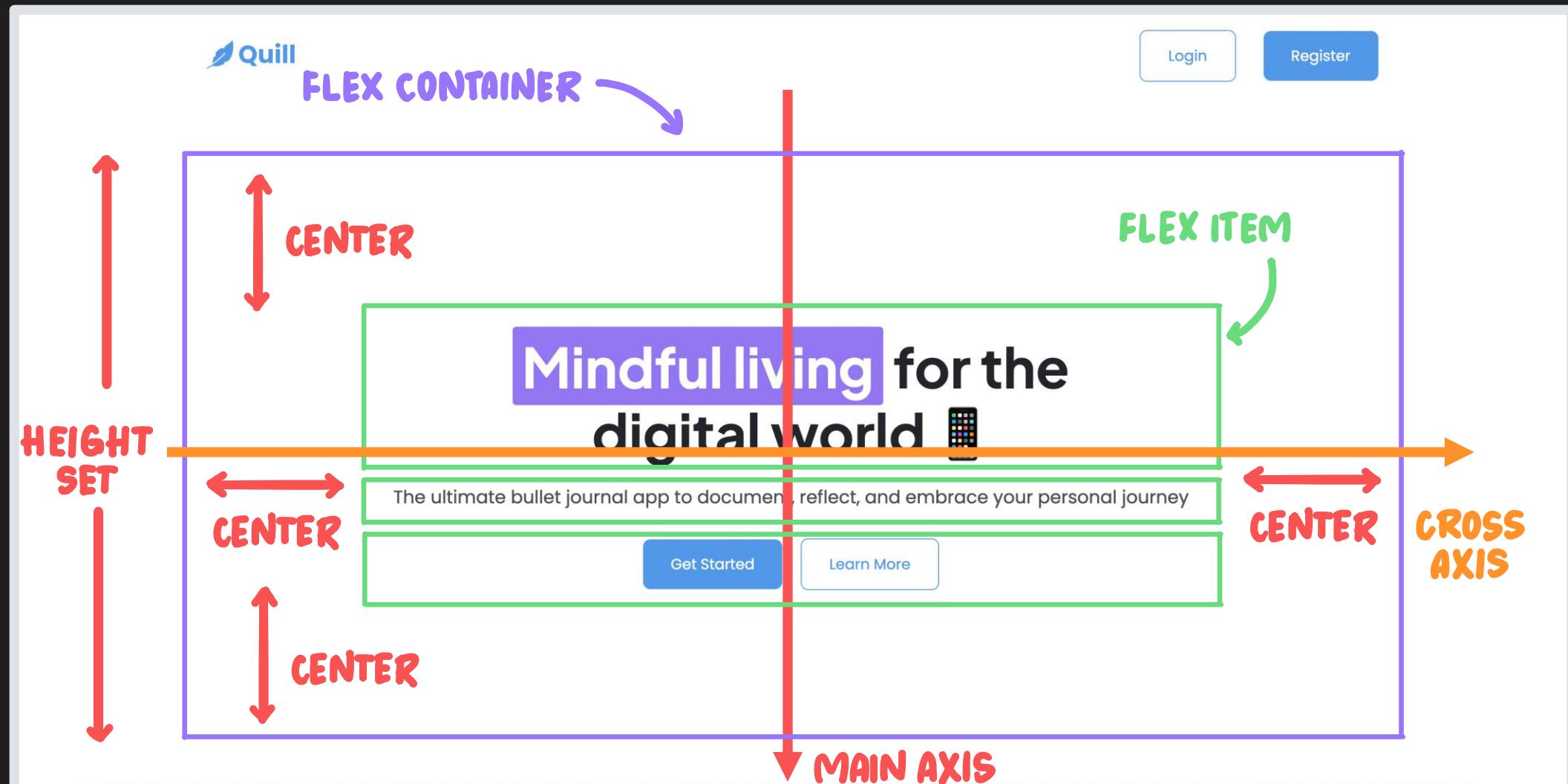
QUILL HOMEPAGE



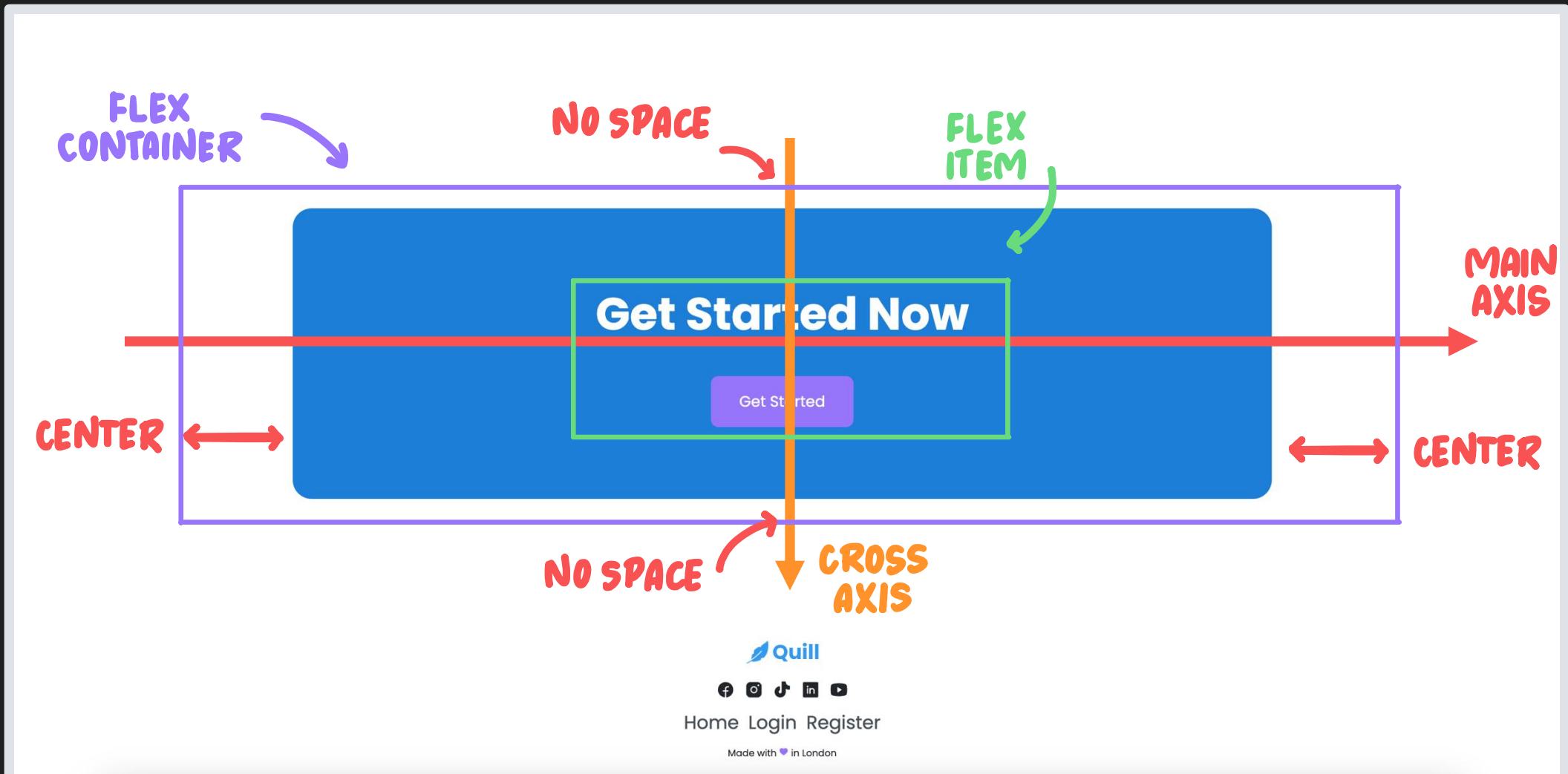
The screenshot shows the Quill homepage with several design annotations:

- A red double-line border surrounds the entire page content area.
- A blue double-line border is positioned inside the red border, creating a margin space.
- On the left side of the blue border, the word "MARGIN" is written vertically in blue capital letters, with a blue double-headed arrow indicating the width of the margin.
- At the top left, the Quill logo (feather icon and "Quill" text) is located within the blue-bordered margin.
- At the top right, there are two buttons: "Login" (light blue) and "Register" (blue).
- In the center, a purple rectangular box contains the main headline: "Mindful living for the digital world" followed by an iPhone icon. The text is in white and black.
- Below the headline, a subtitle reads: "The ultimate bullet journal app to document, reflect, and embrace your personal journey".
- At the bottom, there are two blue buttons: "Get Started" and "Learn More".

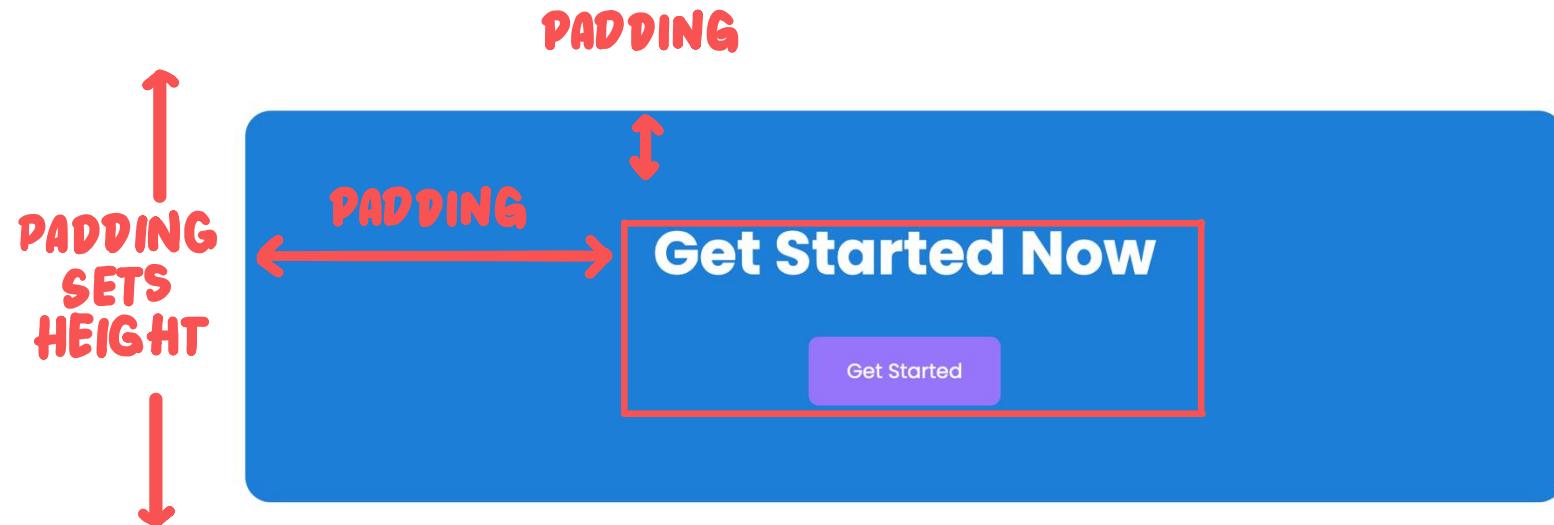
QUILL HOMEPAGE



QUILL HOMEPAGE



QUILL HOMEPAGE



[Home](#) [Login](#) [Register](#)

Made with ❤ in London



FLEXBOX

FLEX CHILDREN

FLEX ITEMS PROPERTIES

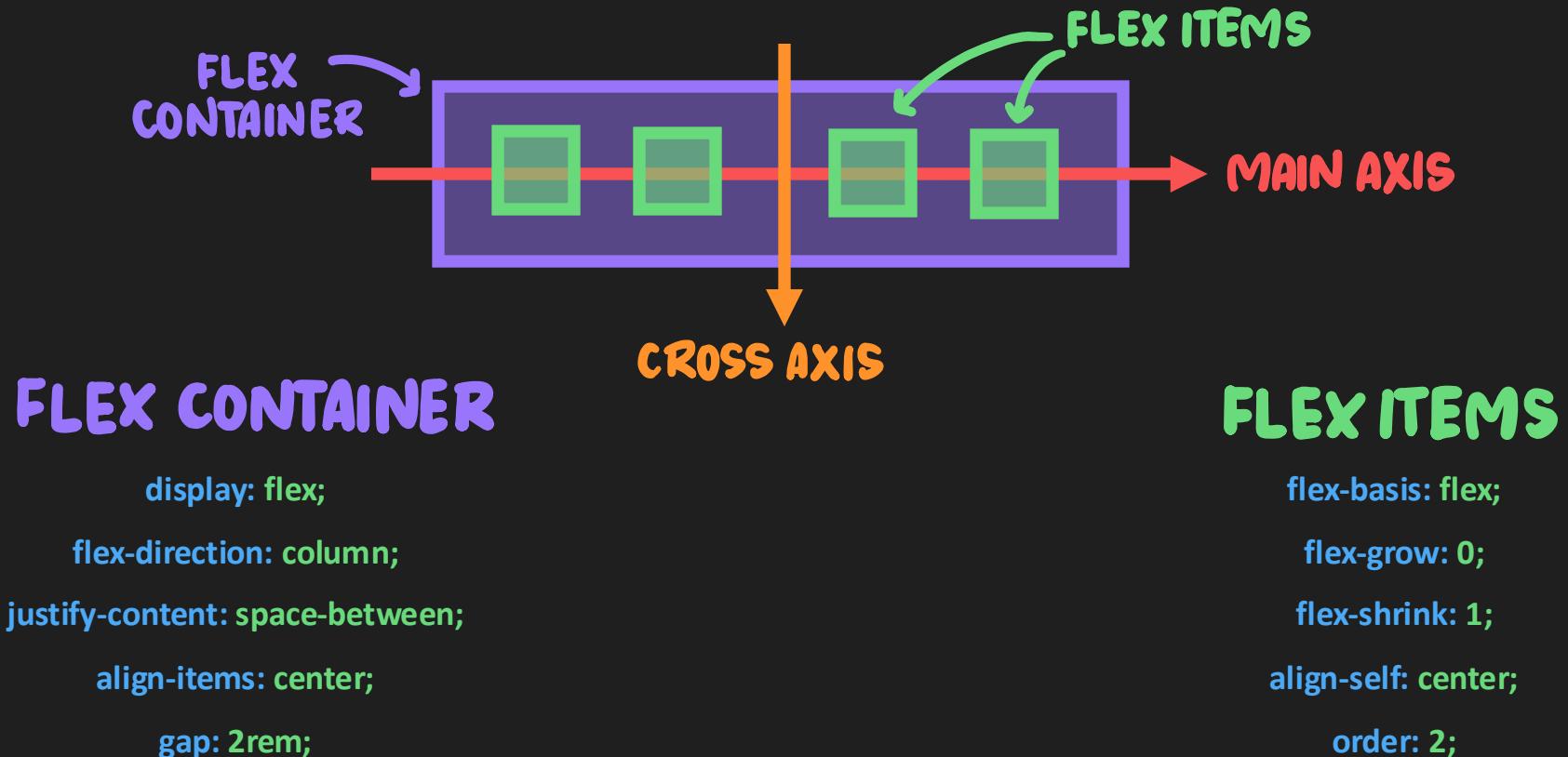
FLEX GROW

FLEX SHRINK

ALIGN SELF
ORDER

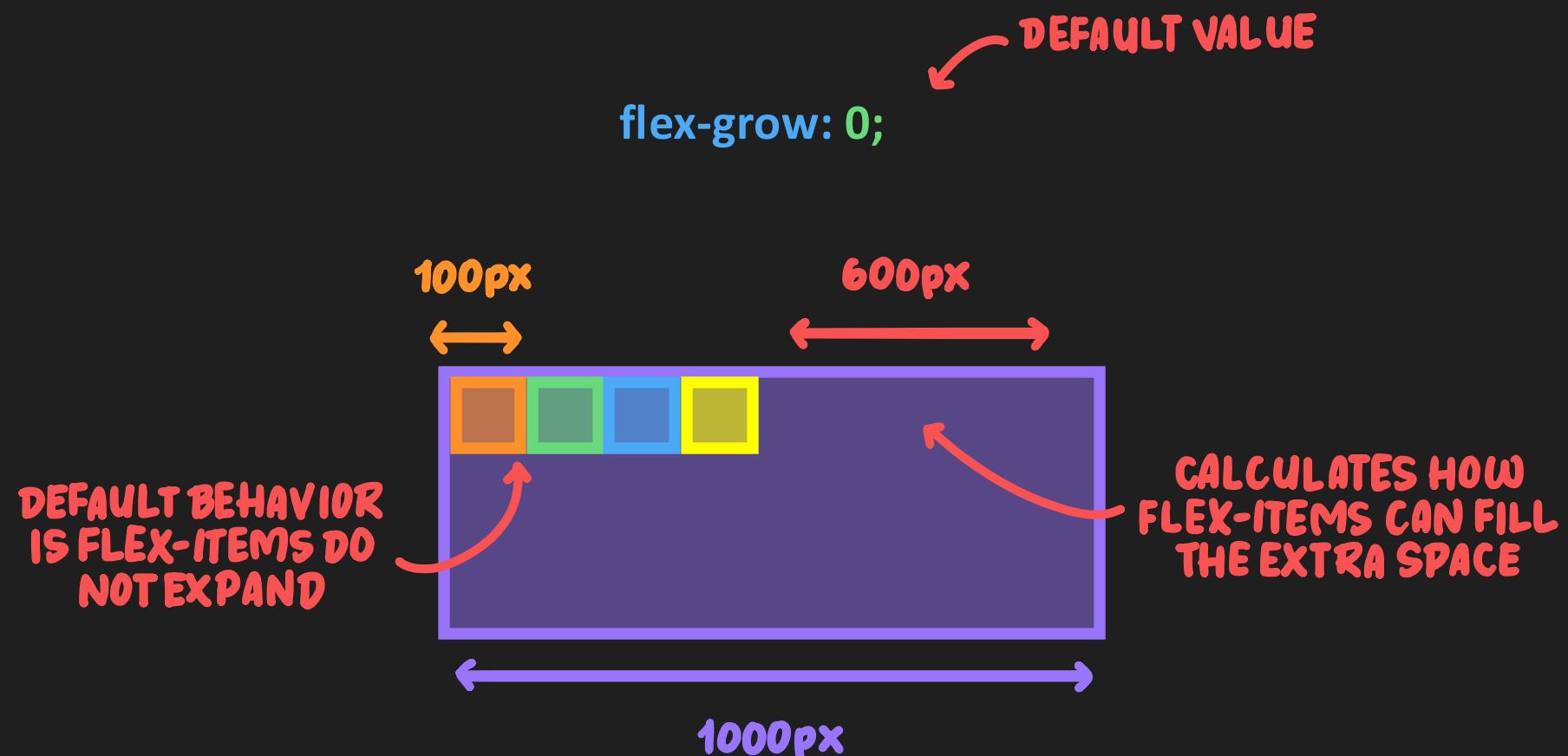
FLEX ITEM PROPERTIES

FLEXBOX ALSO HAS PROPERTIES THAT CONTROL THE BEHAVIOR AND POSITIONING OF FLEX-ITEMS



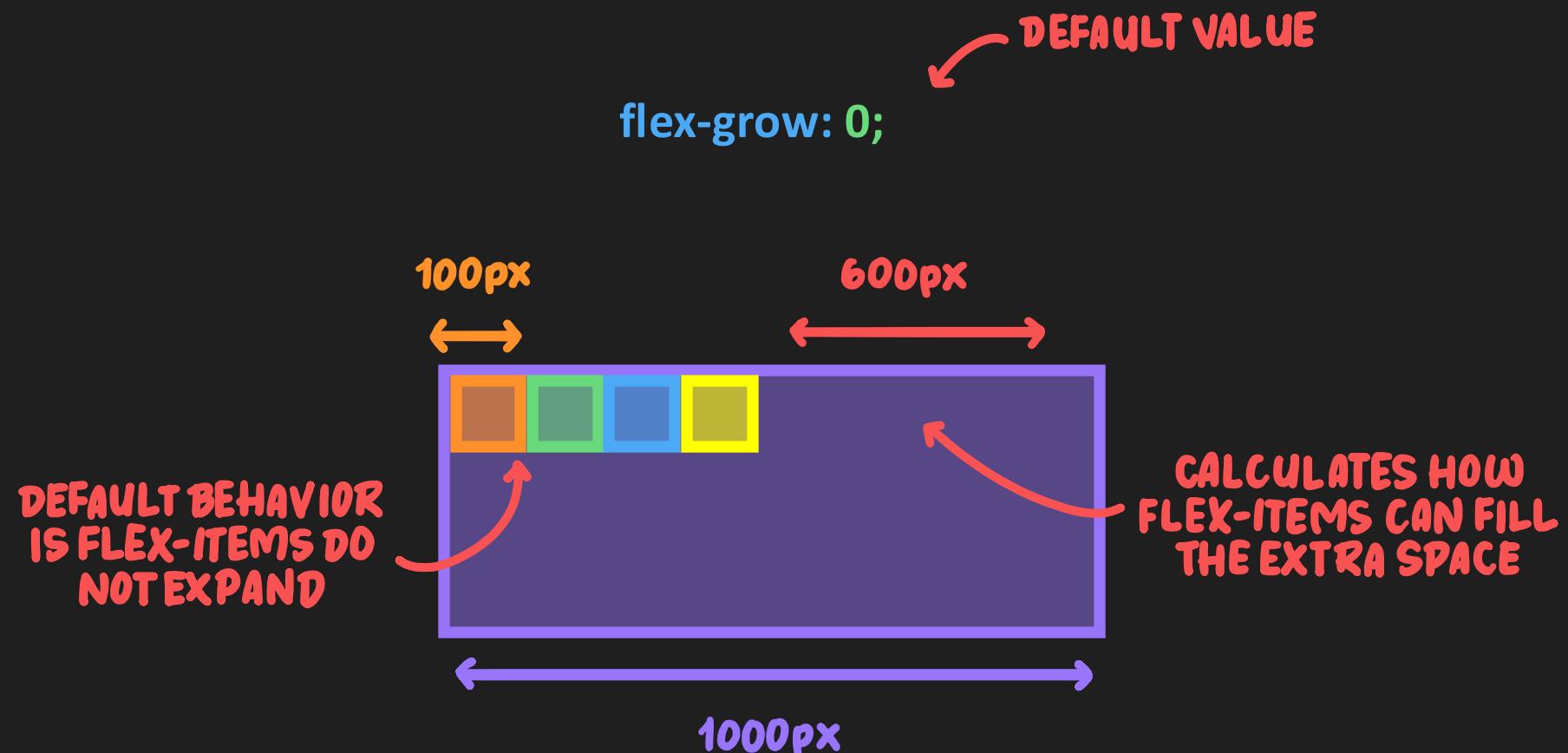
FLEX-GROW

DETERMINES HOW FLEX-ITEMS EXPAND TO FILL EXTRA SPACE
IN A CONTAINER BASED ON A SET OF PROPORTIONS



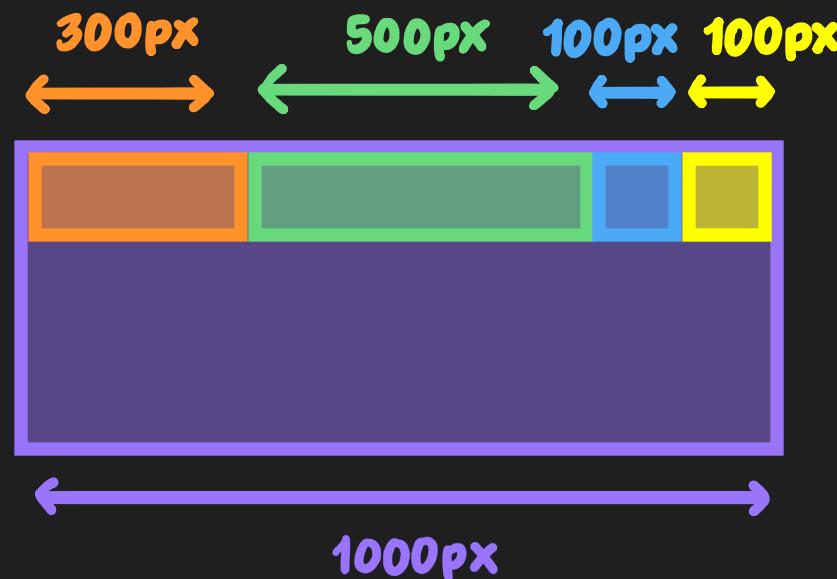
FLEX-GROW

DETERMINES HOW FLEX-ITEMS EXPAND TO FILL EXTRA SPACE
IN A CONTAINER BASED ON A SET OF PROPORTIONS



FLEX-GROW

ITEMS GROW BASED ON THEIR FLEX-GROW VALUE RELATIVE TO THE TOTAL



BOX 1

flex-grow: 1;

GETS 1/3 OF THE
REMAINING SPACE

BOX 2

flex-grow: 2;

GETS 2/3 OF THE
REMAINING SPACE

BOX 3

flex-grow: 0;

GETS 0/3 OF THE
REMAINING SPACE

BOX 4

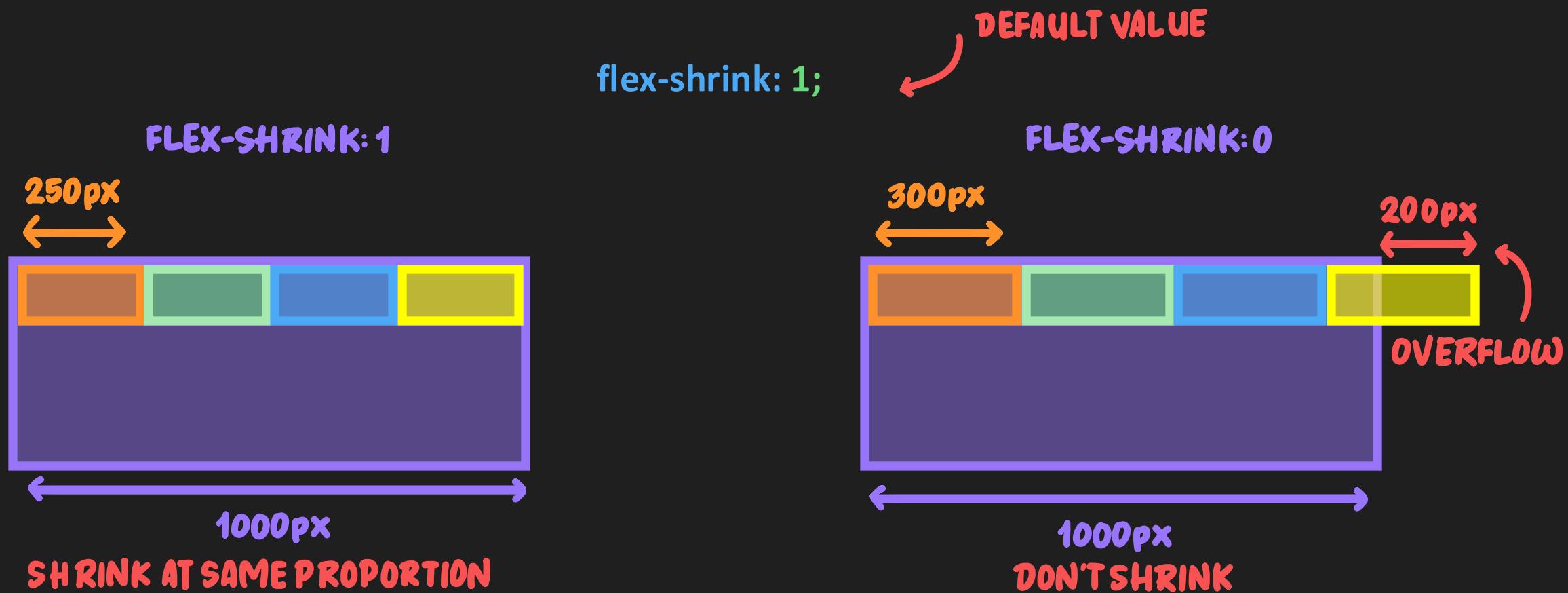
flex-grow: 0;

GETS 0/3 OF THE
REMAINING SPACE

$$\text{TOTAL FLEX-GROW} = 1 + 2 + 0 + 0 = 3$$

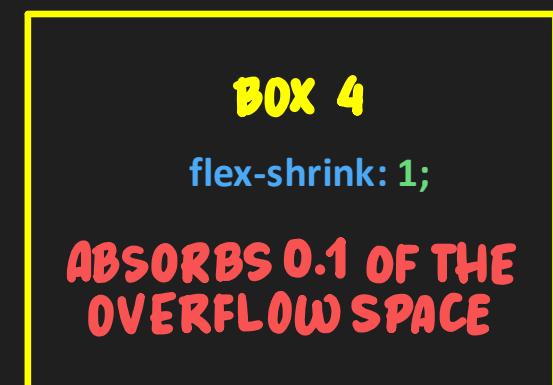
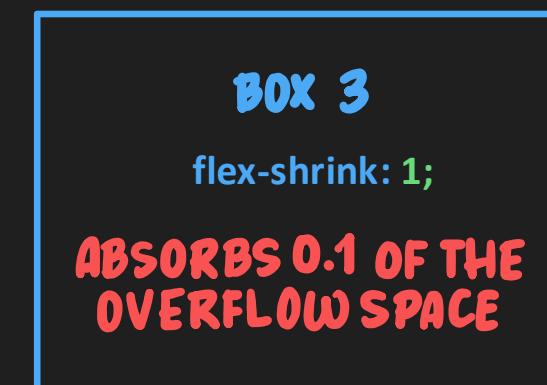
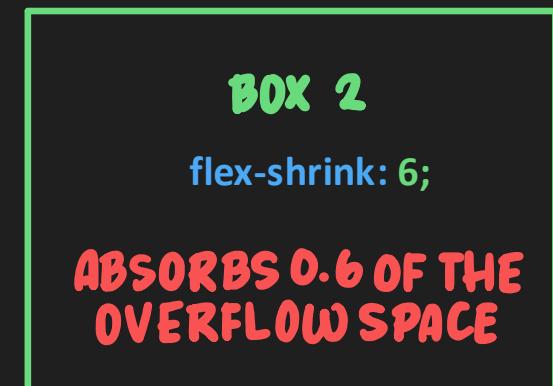
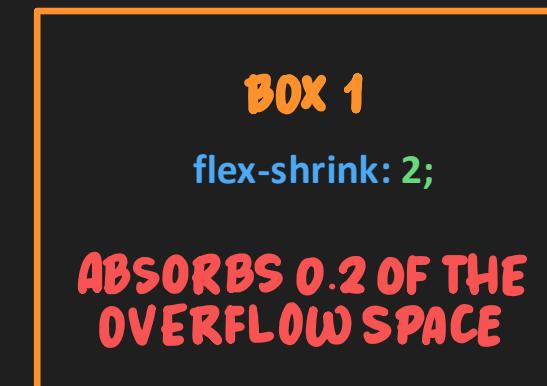
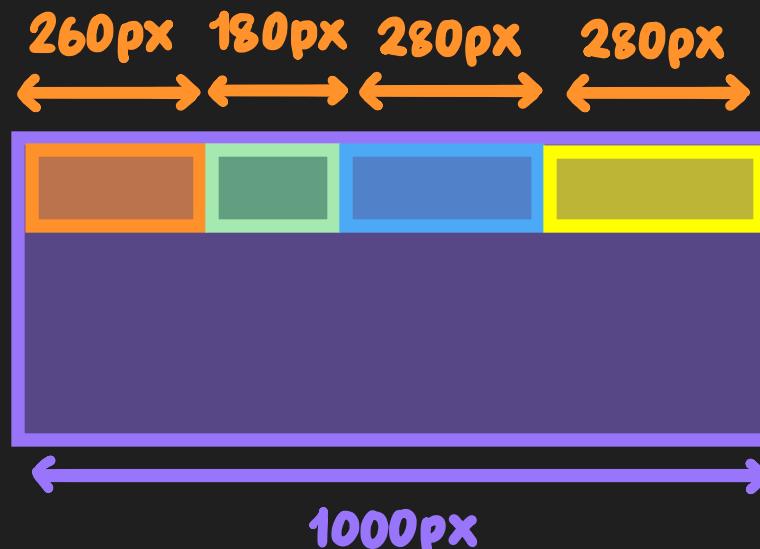
FLEX-SHRINK

DETERMINES HOW FLEX-ITEMS SHRINK RELATIVE TO OTHERS
IN A CONTAINER WHERE THERE ISN'T ENOUGH SPACE



FLEX-SHRINK

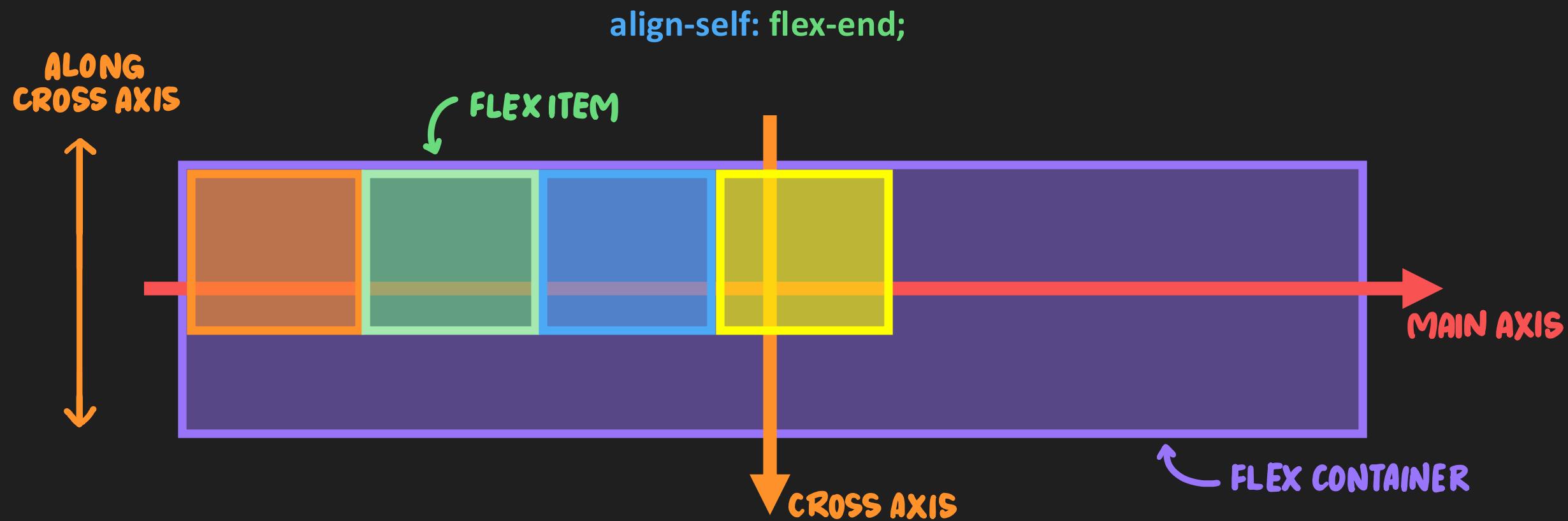
ITEMS SHRINK BASED ON THEIR FLEX-SHRINK VALUE RELATIVE TO THE TOTAL



$$\text{TOTAL FLEX-SHRINK} = 2 + 6 + 1 + 1 = 10$$

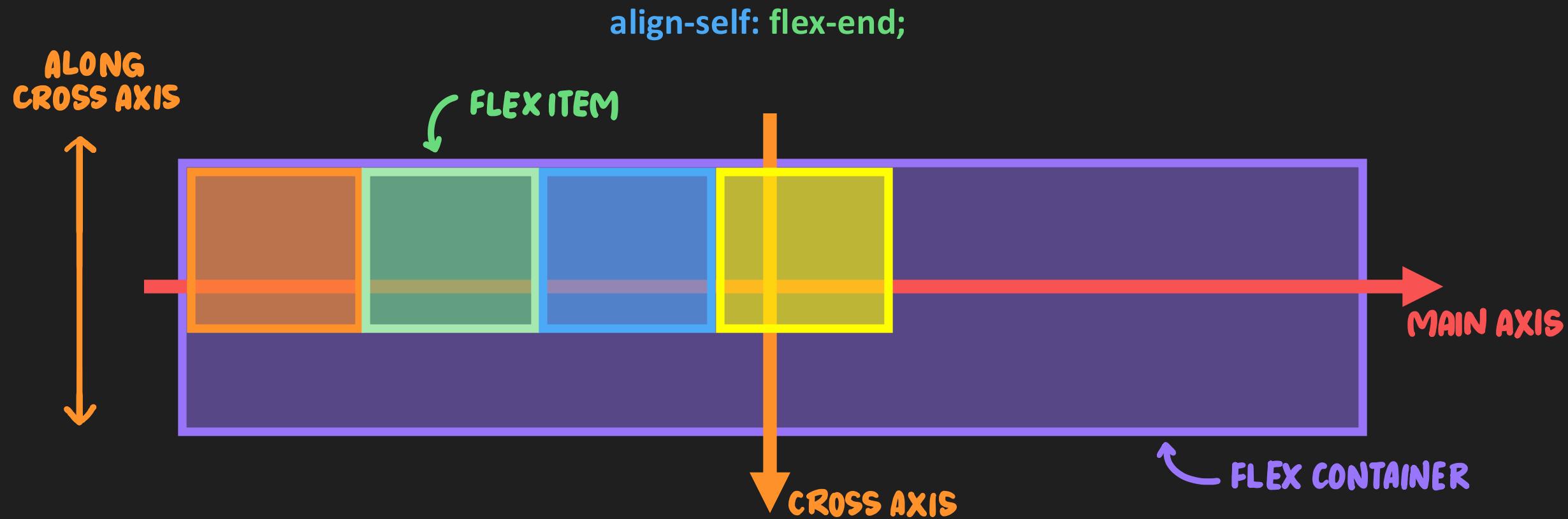
ALIGN-SELF

SETS INDIVIDUAL FLEX ITEMS ALIGNMENT BY OVERRIDING THE FLEX CONTAINERS DEFAULT ALIGN-ITEMS VALUE



ALIGN-SELF

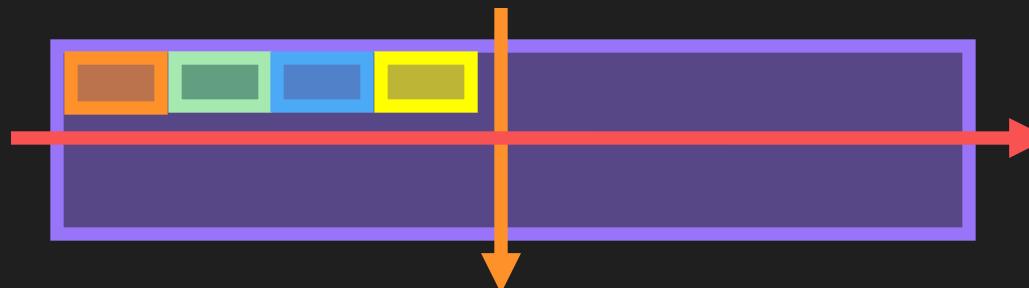
SETS INDIVIDUAL FLEX ITEMS ALIGNMENT BY OVERRIDING THE FLEX CONTAINERS DEFAULT ALIGN-ITEMS VALUE



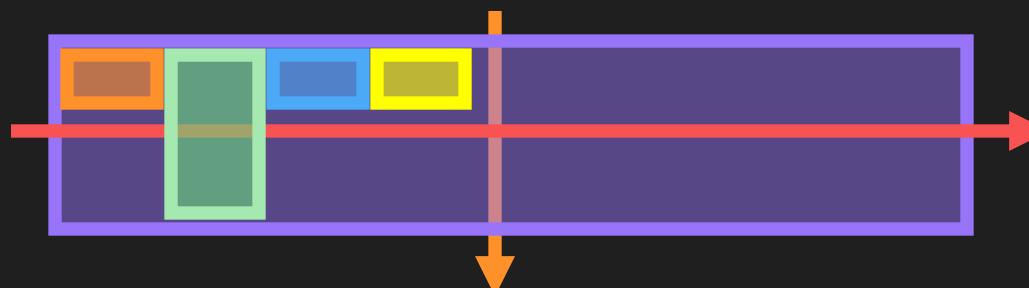
ALIGN-SELF

DEFAULT VALUE

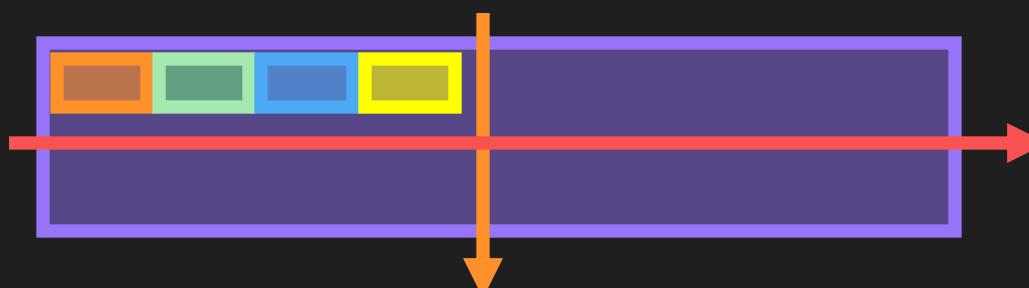
`align-self: auto;`



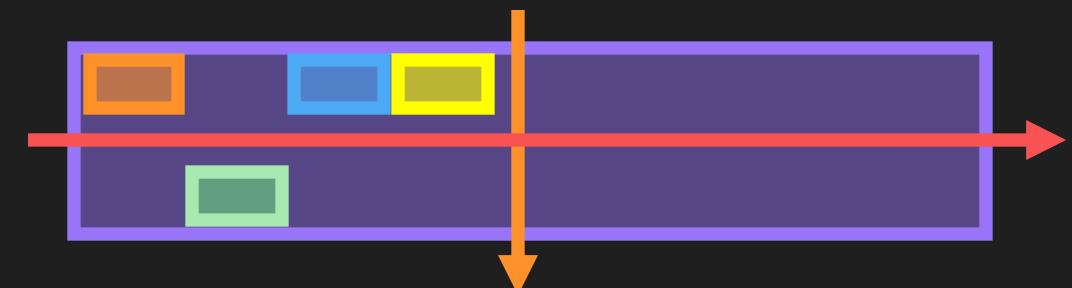
`align-self: stretch;`



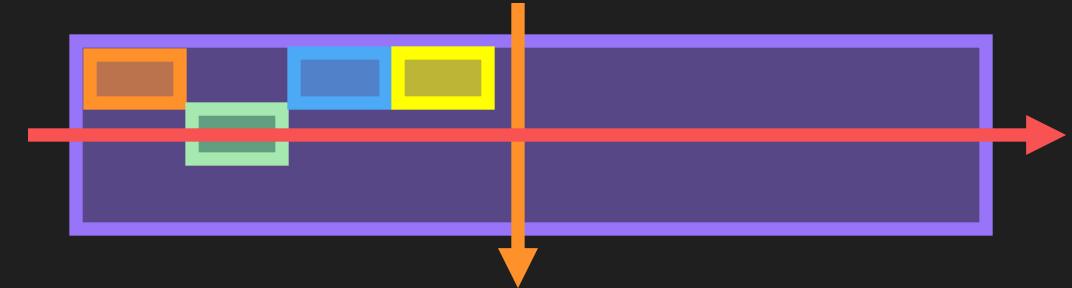
`align-self: flex-start;`



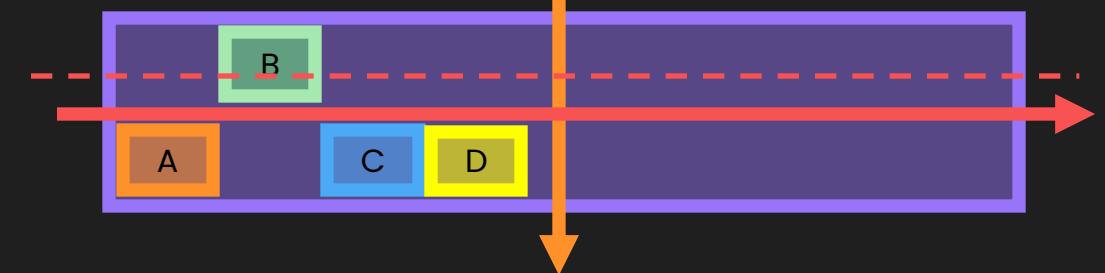
`align-self: flex-end;`



`align-self: center;`

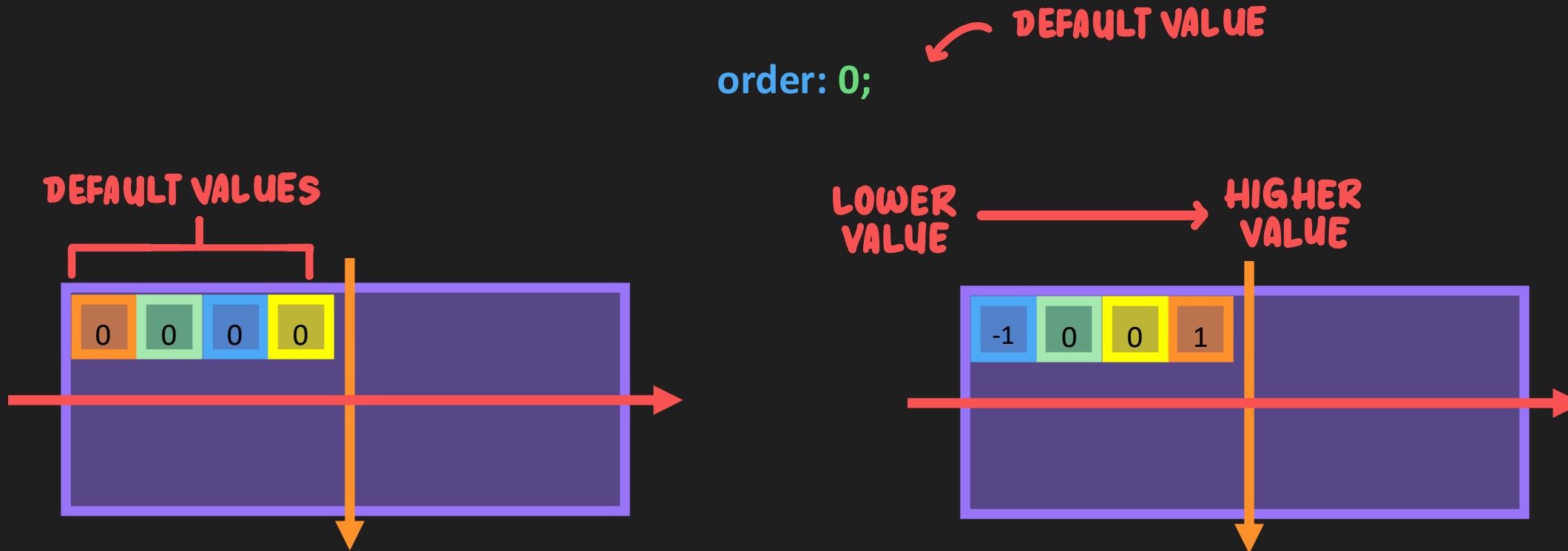


`align-items: flex-end;
align-self: baseline;`



ORDER

CHANGES THE VISUAL ORDER OF FLEX ITEMS INDEPENDENT OF THEIR ORDER IN THE HTML MARKUP





FLEXBOX

FLEX WRAP & ALIGN CONTENT

FLEX ITEMS SHRINKING BEHAVIOR

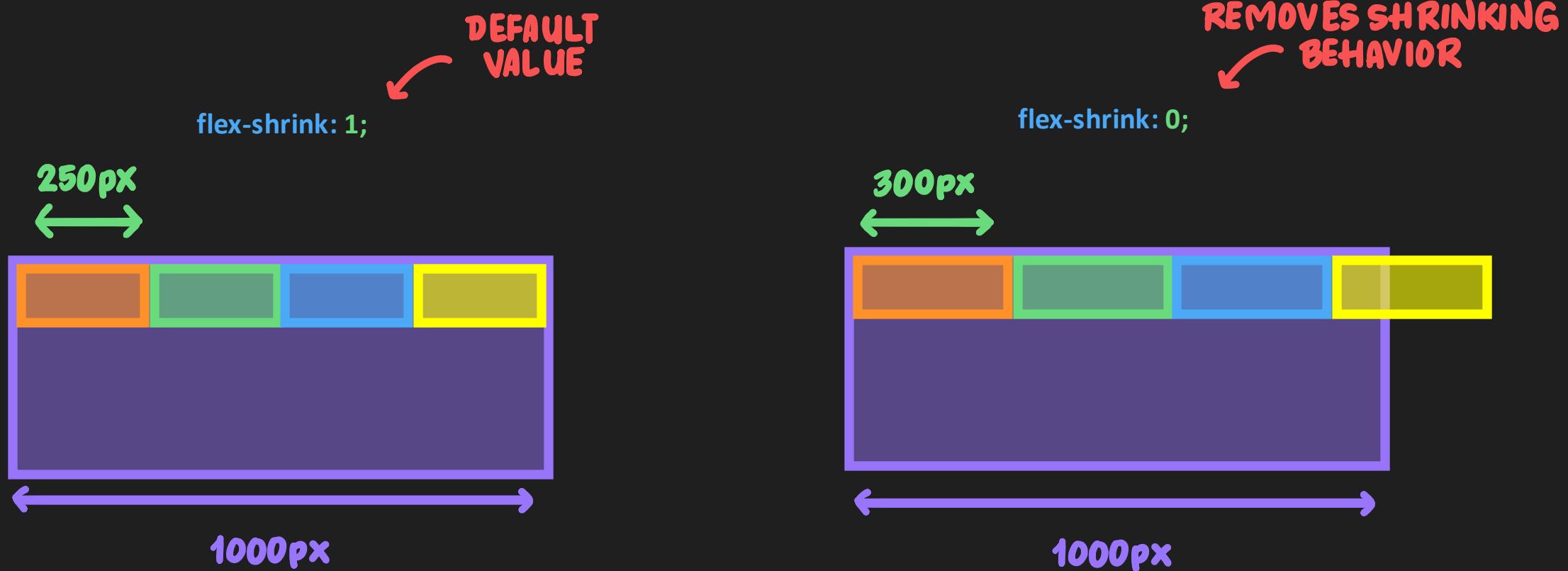
FLEX WRAP PROPERTY

ALIGN CONTENT PROPERTY

ALIGN CONTENT VALUES

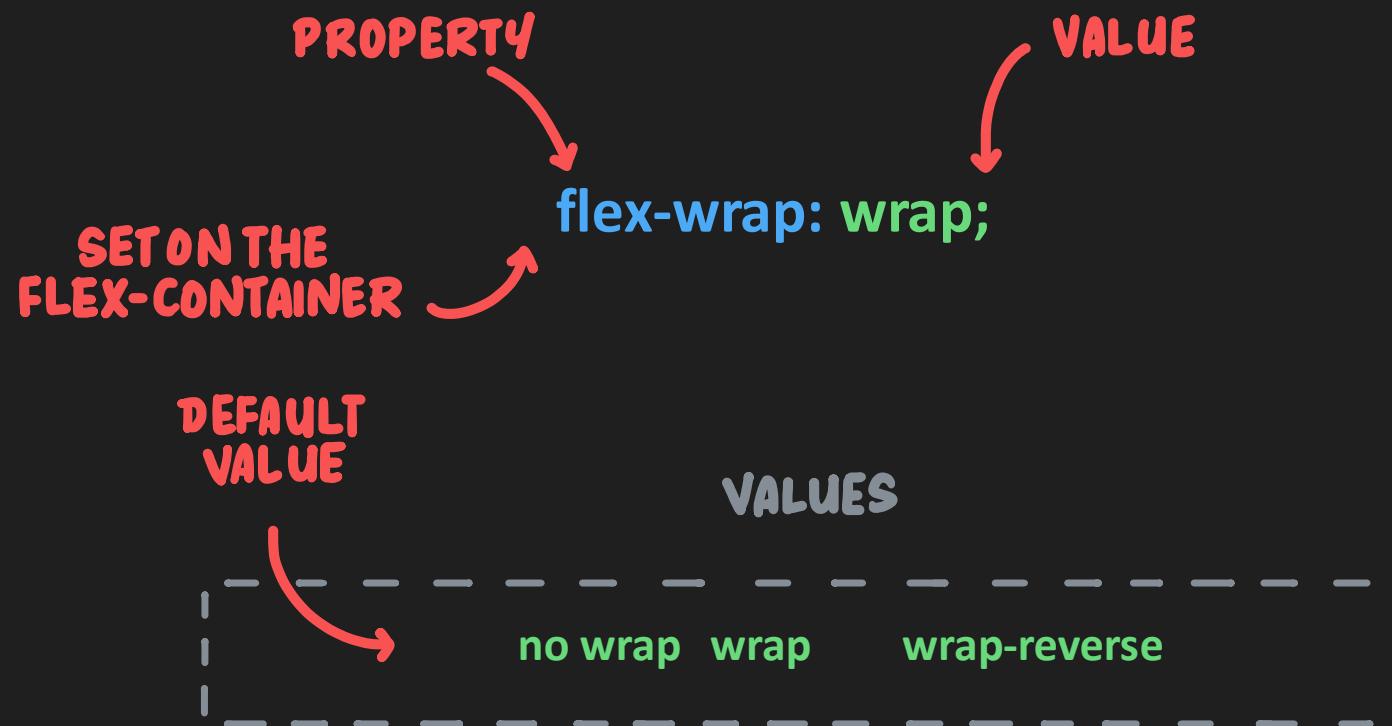
SHRINKING BEHAVIOR

IF FLEX ITEMS ARE LARGER THAN THEIR CONTAINER,
BY DEFAULT THEY WILL SHRINK TO FIT INSIDE



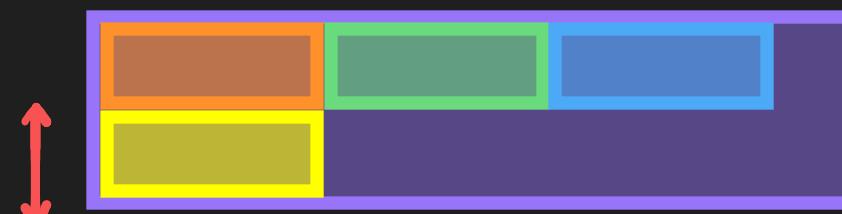
FLEX-WRAP

PUSHES FLEX-ITEMS ONTO MULTIPLE LINES INSTEAD OF BEING FORCED TO FIT ON A SINGLE LINE WHEN THEY EXCEED THE CONTAINER



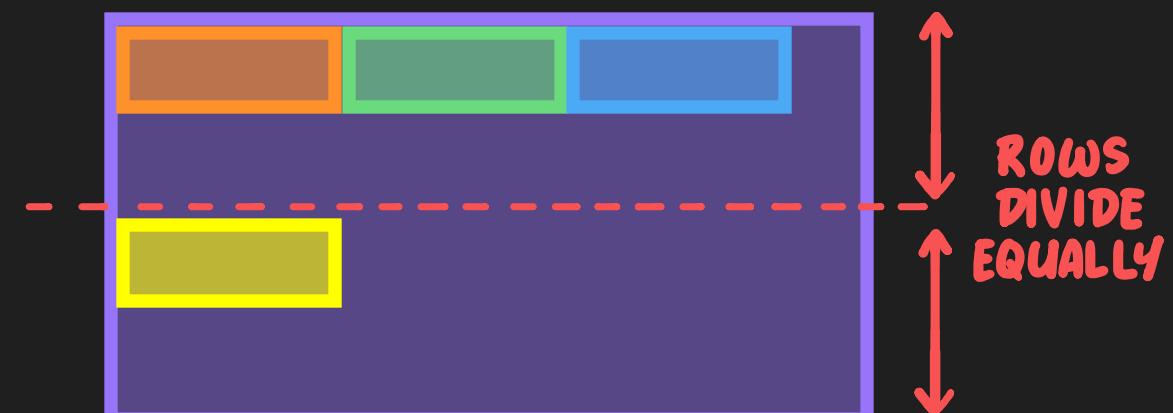
FLEX-WRAP

GENERAL BLOCK
CONTAINER



CONTAINER
EXPANDS

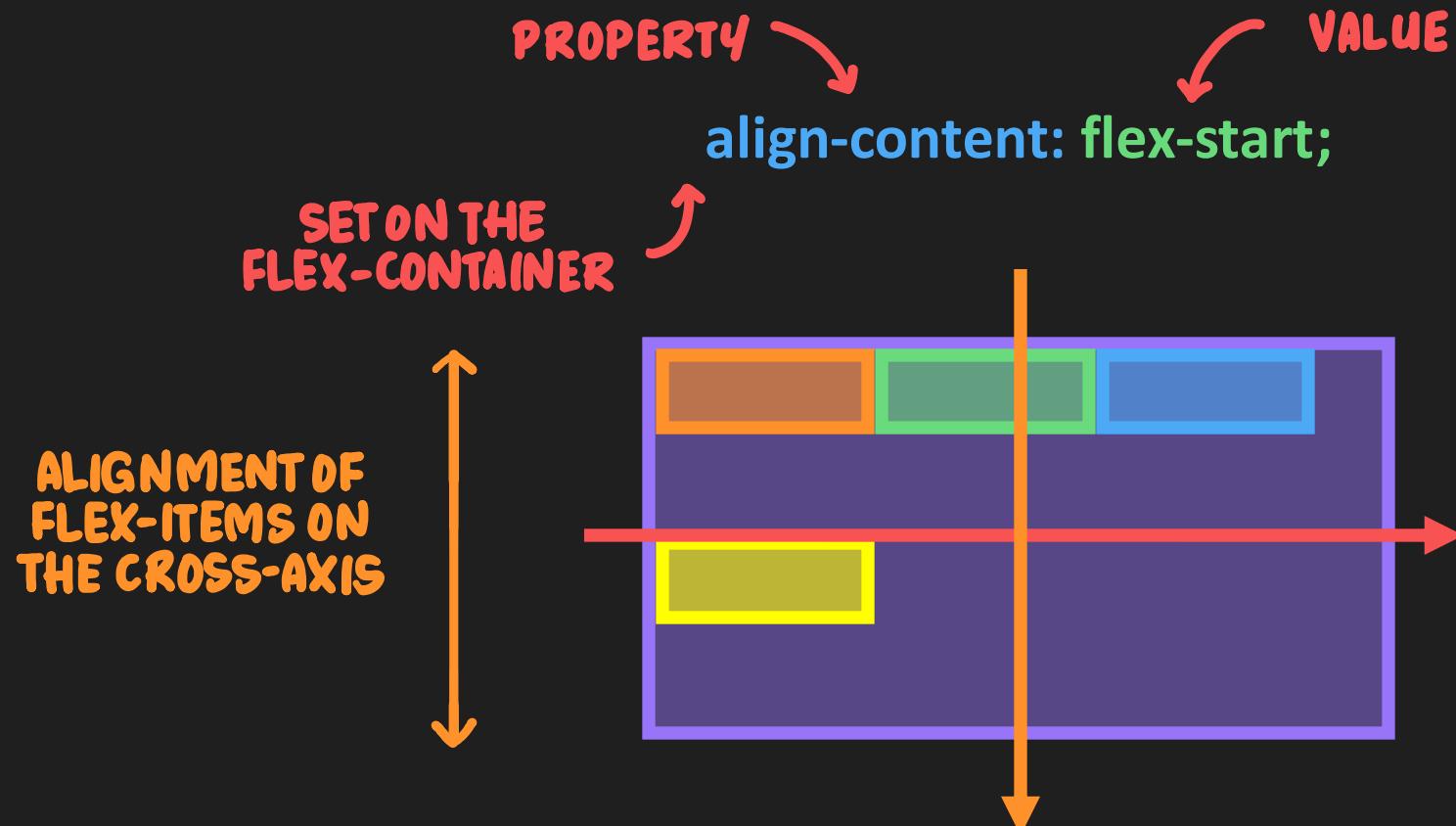
CONTAINER WITH
A SET HEIGHT



ROWS
DIVIDE
EQUALLY

ALIGN-CONTENT ← DO NOT CONFUSED WITH ALIGN-ITEMS

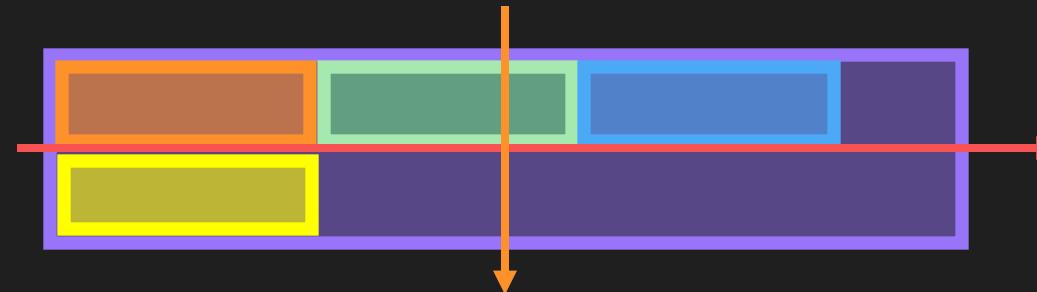
CONTROLS THE ALIGNMENT OF FLEX-ITEMS ALONG THE CROSS-AXIS WHEN THERE ARE MULTIPLE ROWS OF FLEX-ITEMS



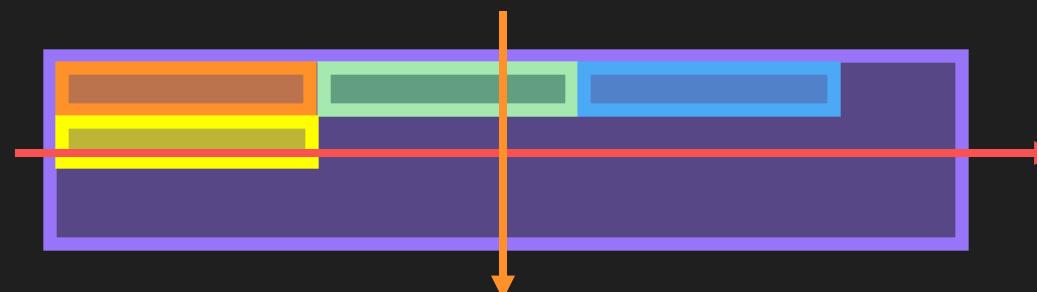
ALIGN-CONTENT VALUES

↖ DEFAULT VALUE

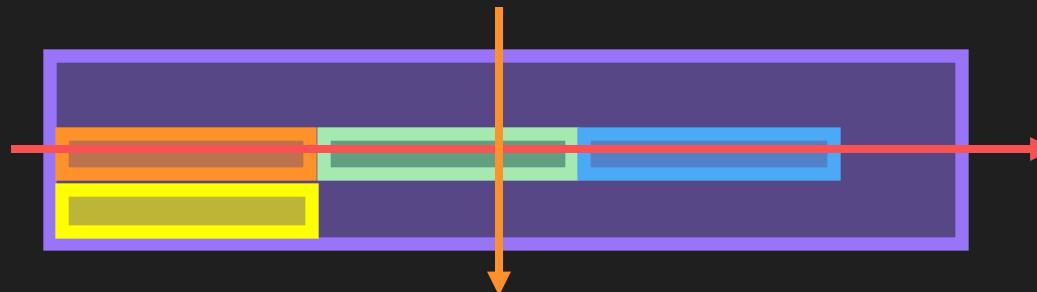
`align-content: stretch;`



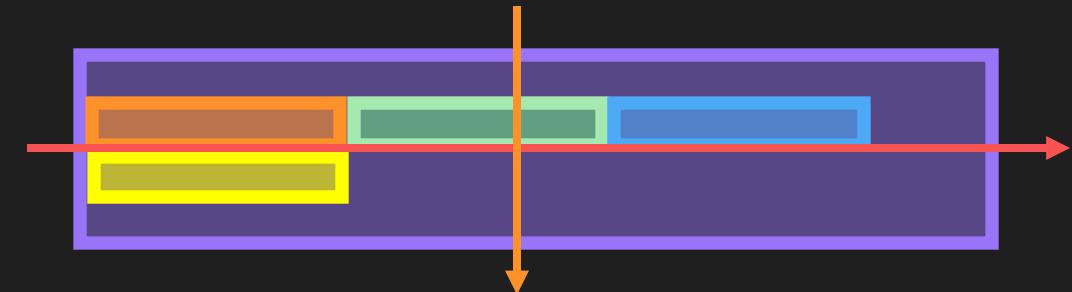
`align-content: flex-start;`



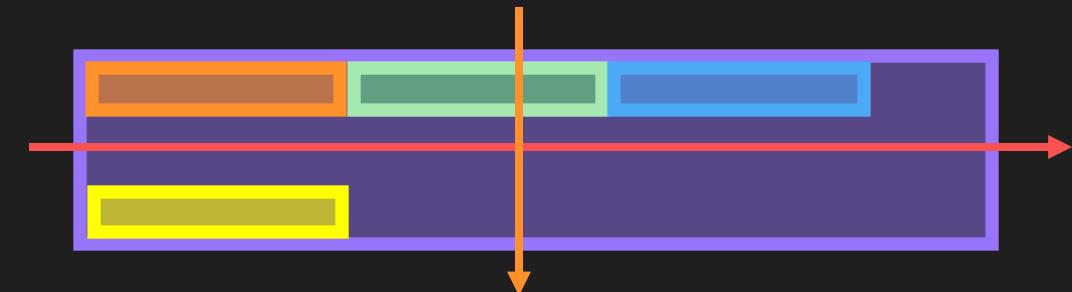
`align-content: flex-end;`



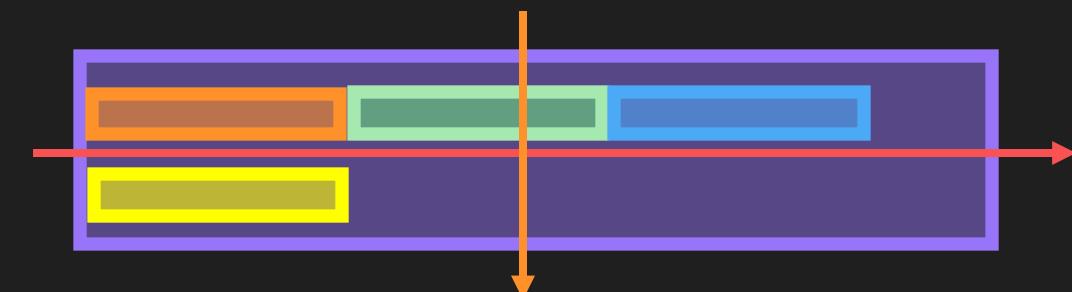
`align-content: center;`



`align-content: space-between;`



`align-content: space-around;`





FLEX-WRAP GUIDANCE ← NOT OFTEN REQUIRED

WRAPPING IS USEFUL FOR SIMPLE LINEAR LAYOUTS
WHEN ELEMENTS NEED TO WRAP ONTO MULTIPLE LINES

\$1B+ trading volume 900,000+ orders executed 3M+ backtests run

As seen on

Mashable NEW YORK POST intuit mint Entrepreneur BENZINGA CNET

AI-powered strategy creation

Explain your goals, strategy, and risk concerns in natural language — our AI-assisted editor will create the strategy for you.

I'd like a strategy that benefits from demand for GPUs.

Here's a symphony that focuses on companies that are involved in the production and development of GPUs:

	Cumulative Return	Annualized Return	Trailing 3mo. Return	Sharpe Ratio
GPU Demand Symphony	74.9%	273.1%	37.0%	3.66
SPY	12.8%	32.9%	6.2%	1.97

(defsymphony "GPU De :rebalance-freque (weight-equal ([asset "NVIDIA"] (asset "AMD") (asset "INTC") (asset "TSM") 1)))

Build Copy

\$1B+ trading volume 900,000+ orders executed 3M+ backtests run

As seen on

Mashable NEW YORK POST intuit mint Entrepreneur BENZINGA CNET

AI-powered strategy creation

Explain your goals, strategy, and risk concerns in natural language — our AI-assisted editor will create the strategy for you.

I'd like a strategy that benefits from demand for GPUs.

Here's a symphony that focuses on companies that are involved in the production and development of GPUs:

	Cumulative Return	Annualized Return	Trailing 3mo. Return	Sharpe Ratio
GPU Demand Symphony	74.9%	273.1%	37.0%	3.66
SPY	12.8%	32.9%	6.2%	1.97