



# PRESENTATION SLIDES



HTML

# HTML



INTRODUCTION  
TO HTML



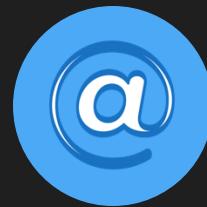
HTML TEXT



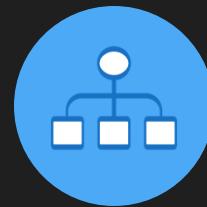
HYPERLINKS  
& ATTRIBUTES



SELF-CLOSING  
TAGS & IMAGES



HTML  
FORMS



CONTAINERS  
& SEMANTIC HTML



SCIENTIFIC  
HTML



# INTRODUCTION TO HTML



INTRODUCTION TO HTML

# INTRODUCTION TO HTML

WHAT IS HTML

HTML TAGS & ELEMENTS

# WHAT IS HTML?

# HTML

# WHAT IS HTML?

H

T

M

L

HYPER

TEXT

MARK UP

LANGUAGE

LINKING BETWEEN WEBPAGES

SPECIAL SYNTAX

INTERNAL

EXTERNAL



**HEADING**

# Dan's Top 5 Best Things on the Internet

**PARAGRAPH**

This is my list of the funniest things I've seen on the internet



**IMAGE**

1. Boaty McBoat Face
2. Hamish and Andy – Job Reference
3. Michael McIntyre - Gym Change Room
4. Corey Worthington
5. Dollar doos

**NUMBERED LIST**

# HTML IS THE FOUNDATION OF A WEBPAGE

HTML IS NEEDED ON EVERY WEBPAGE IN ORDER TO DISPLAY CONTENT



# HTML TAGS

A TAG WRAPS CONTENT AND PROVIDES INSTRUCTIONS TO THE BROWSER

OPENING TAG



<p>

I am a paragraph

CLOSING TAG



</p>



CONTENT

# HTML TAGS

A TAG WRAPS CONTENT AND PROVIDES INSTRUCTIONS TO THE BROWSER

TAG NAME

< p >

LEFT ANGLE  
BRACKET

CONTENT

I am a paragraph

RIGHT ANGLE  
BRACKET

FORWARD  
SLASH

TAG NAME

</ p >

LEFT ANGLE  
BRACKET

RIGHT ANGLE  
BRACKET

# HTML TAGS

A TAG WRAPS CONTENT AND PROVIDES INSTRUCTIONS TO THE BROWSER

```
<p> I am a paragraph </p>
```

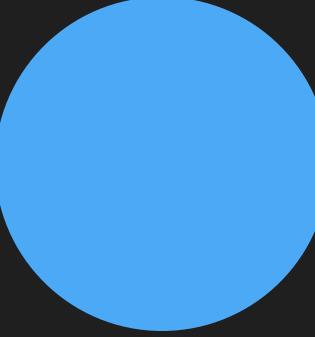
The diagram illustrates an HTML element. A thick red horizontal bracket spans the width of the text 'I am a paragraph'. A red curved arrow originates from the bottom center of this bracket and points upwards towards the opening tag '<p>'. Below the bracket, the word 'ELEMENT' is written in red capital letters.

# LIST OF HTML TAGS

THERE ARE A LOT OF TAGS!

<a>	<caption>	<img>	<span>
<abbr>	<cite>	<input>	<strong>
<address>	<details>	<label>	<style>
<article>	<div>	<li>	<sub>
<aside>	<em>	<map>	<sup>
<audio>	<figcaption>	<nav>	<svg>
<b>	<footer>	<ol>	<table>
<blockquote>	<head>	<p>	<tbody>
<body>	<hr>	<script>	<td>
<button>	<iframe>	<select>	<textarea>

ONLY A HANDFUL OF THEM ARE COMMONLY USED



# INTRODUCTION TO HTML HTML FILES

DIFFERENT TYPES OF FILES  
HOW TO SAVE HTML FILES

# FILETYPES

ALL DIGITAL ASSETS HAVE A FILETYPE THAT INDICATES HOW THE DATA IS STRUCTURED, ENCODED AND STORED



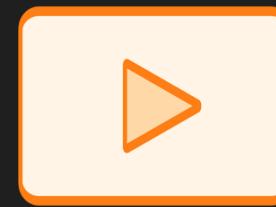
## IMAGES

.jpg  
.png



## AUDIO

.mp3  
.wav



## VIDEO

.mp4  
.mov



## DOCUMENTS

.pdf  
.txt  
.html

HTML FILE  
EXTENSION



# CREATING, EDITING AND VIEWING FILES

FILES ARE OFTEN CREATED & EDITED IN ONE PROGRAM & VIEWED IN ANOTHER

IMAGES



.jpg  
→



PHOTOSHOP  
CREATE/EDIT

PREVIEW  
VIEW

HTML



.html  
→



VS CODE  
CREATE/EDIT

CHROME  
VIEW

# SAVING HTML FILES

HTML FILES ARE COMMONLY SAVED IN LOWER CASE AND FILES  
CONTAINING MULTIPLE WORDS ARE HYPHEN SEPARATED

LOWER CASE



first-page.html

HYPHEN



HTML FILE EXTENSION



# HTML DOCUMENT STRUCTURE

EVERY HTML DOCUMENT REQUIRES 'BOILERPLATE' CODE

## 11. GOVERNING LAW

This contract shall be enforced by the laws of England.

# HTML DOCUMENT STRUCTURE

EVERY HTML DOCUMENT REQUIRES 'BOILERPLATE' CODE

first-page.html

```
<p>I am a paragraph</p>
```



INCOMPLETE AND COULD  
CAUSE RENDERING ISSUES

# HTML DOCUMENT STRUCTURE

```
<!DOCTYPE html>  
  
<html>  
  <head>  
    <title>I am a title</title>  
  </head>  
  <body>  
    <p>I am a paragraph</p>  
  </body>  
</html>
```

AN HTML TEMPLATE OR BOILERPLATE PROVIDES THE BASIC STRUCTURE AND ESSENTIAL ELEMENTS NEEDED FOR A WEBPAGE

# HTML DOCUMENT STRUCTURE

```
<!DOCTYPE html>

<html>
  <head>
    <title>I am a title</title>
  </head>
  <body>
    <p>I am a paragraph</p>
  </body>
</html>
```

# DOCTYPE

NOT AN HTML ELEMENT



```
<!DOCTYPE html> ] FLAGS TO THE BROWSER THAT IT IS AN HTML5 FILE
```

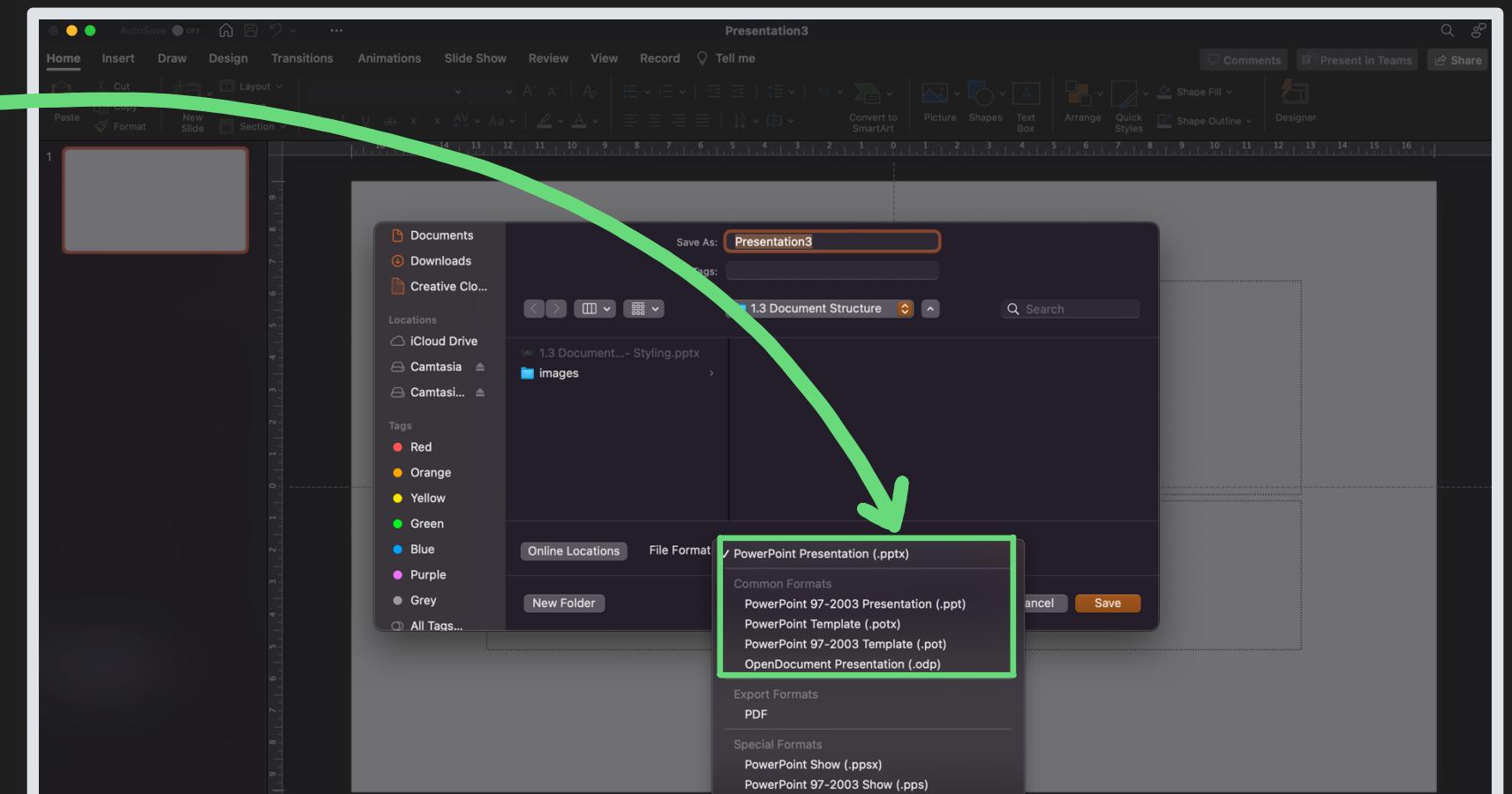
OLDER VERSION

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  
"http://www.w3.org/TR/html4/strict.dtd">
```

# DOCTYPE

THIS IS EQUIVALENT TO THE DIFFERENT VERSIONS OF POWERPOINT FILES

.PPT    .PPTX  
↑  
MORE RECENT VERSION  
WITH ADDITIONAL FEATURES



# HTML TAG

```
<!DOCTYPE html>

<html>

    <head>
        <title>Document</title>
    </head>

    <body>
        <p>I am a paragraph</p>
    </body>

</html>
```

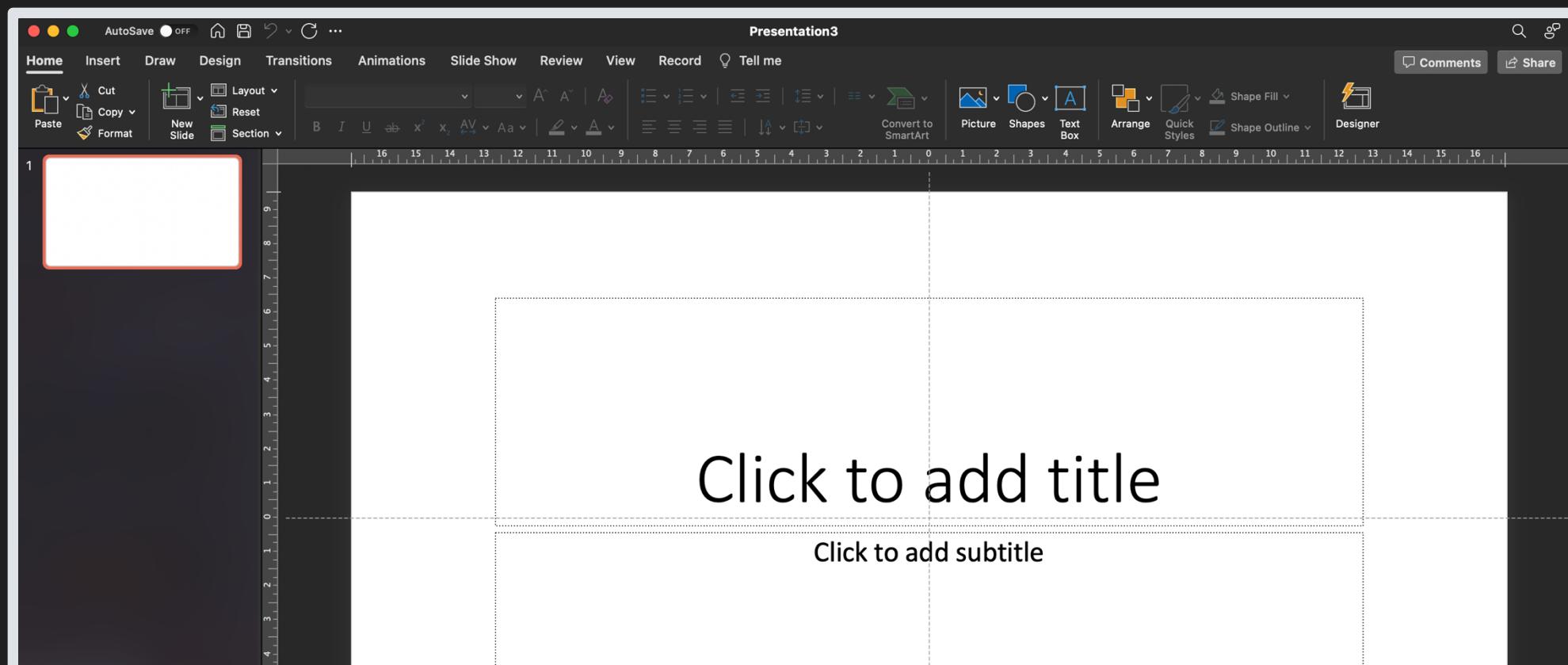
# HTML TAG

```
<!DOCTYPE html>  
  
<html>  
    </html>
```

THE ROOT HTML ELEMENT WHICH WRAPS ALL OTHER ELEMENTS

# HTML TAG

THIS IS EQUIVALENT TO POWERPOINT ITSELF WHERE WE MAKE THE SLIDES AND SAVE INFORMATION ABOUT IT



# HEAD TAG

```
<!DOCTYPE html>

<html>
  <head>
    <title>Document</title>
  </head>
  <body>
    <p>I am a paragraph</p>
  </body>
</html>
```

# HEAD TAG

```
<!DOCTYPE html>

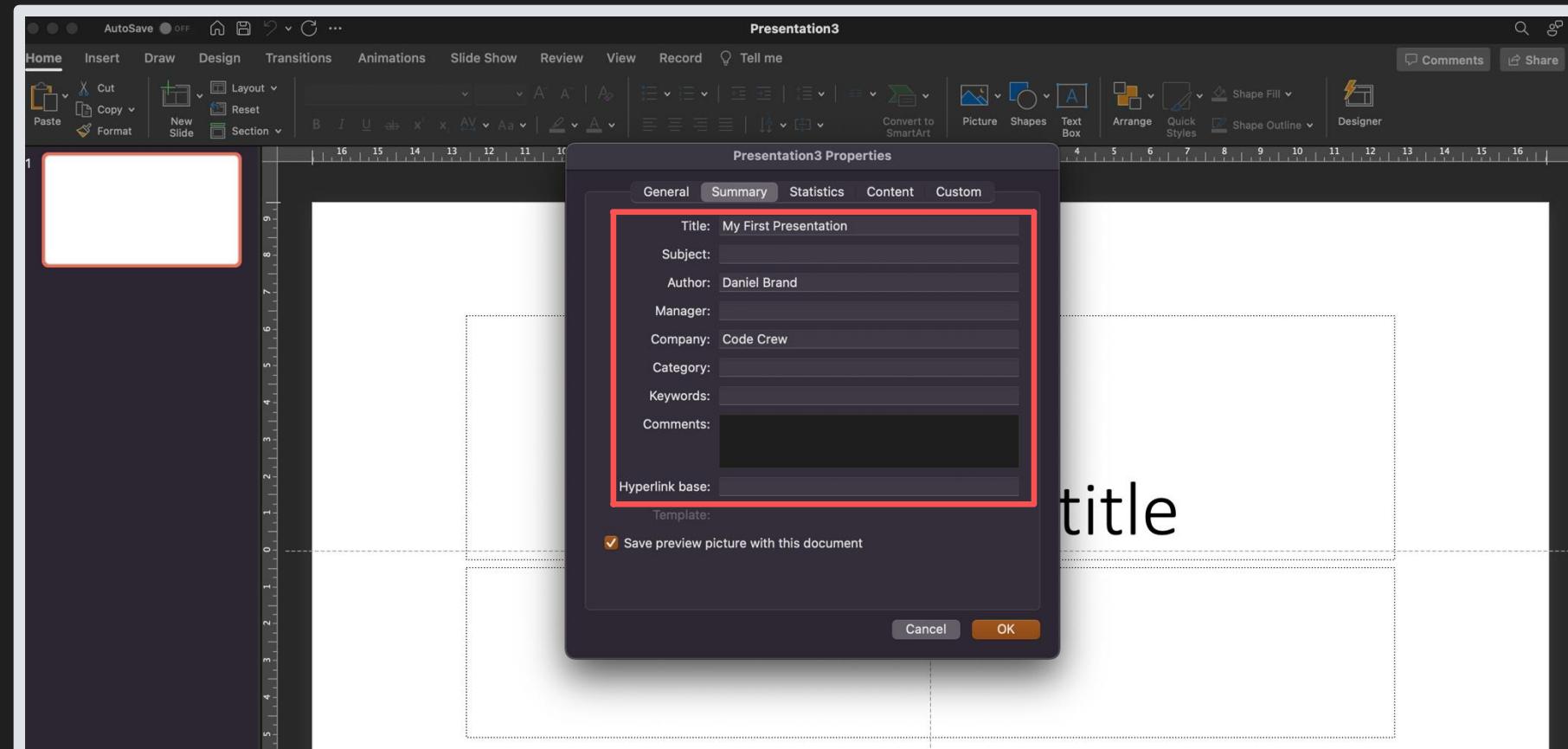
<html>
  <head>
    <title>Document</title>
  </head>
</html>
```

]

CONTAINS KEY INFORMATION ABOUT THE DOCUMENT THAT DOES NOT APPEAR ON THE WEBPAGE

# HEAD TAG

THIS IS EQUIVALENT TO PROPERTIES OF THE POWERPOINT  
THAT IS NOT VISIBLE ON THE SLIDES



# BODY TAG

```
<!DOCTYPE html>

<html>
  <head>
    <title>Document</title>
  </head>
  <body>
    <p>I am a paragraph</p>
  </body>
</html>
```

# BODY TAG

```
<!DOCTYPE html>  
  
<html>  
  
    <head>  
        <title>Document</title>  
    </head>  
  
    <body>  
        <p>I am a paragraph</p>  
    </body>  
  
</html>
```



CONTAINS ALL THE VISIBLE  
CONTENT ON A WEBPAGE



# BODY TAG

THIS IS EQUIVALENT TO CONTENT IN A POWERPOINT

The screenshot shows a Microsoft PowerPoint presentation titled "Top 5 – Saved to my Mac". The main slide, slide 1, is titled "Dan's Top 5 Best Things on the Internet" and contains the following content:

**Dan's Top 5 Best Things on the Internet**

This is my list of the funniest things I've seen on the internet

A cartoon illustration of Homer Simpson from The Simpsons. He is holding a large Australian \$900 note. The note features the text "Australia" and "Nine Hundred Dollardoos".

**1. Boaty McBoat Face**  
2. Hamish and Andy – Job Reference  
3. Michael McIntyre - Gym Change Room  
4. Corey Worthington  
5. Dollardoos

# BOILERPLATE SHORTCUT

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>I am a title</title>
  </head>
  <body>
    <p>I am a paragrphah</p>
  </body>
</html>
```

PROVIDES IMPORTANT INFORMATION TO BROWSERS

FLAGS PRIMARY LANGUAGE OF DOCUMENT IS ENGLISH

A SYSTEM FOR COMPUTERS TO STORE NUMBERS, LETTERS SYMBOLS AND SPECIAL CHARACTERS

ENSURES CONTENT DISPLAYED CORRECTLY ACROSS DIFFERENT DEVICES, ESPECIALLY MOBILE

lang="es"  
lang="fr"  
lang="ja"



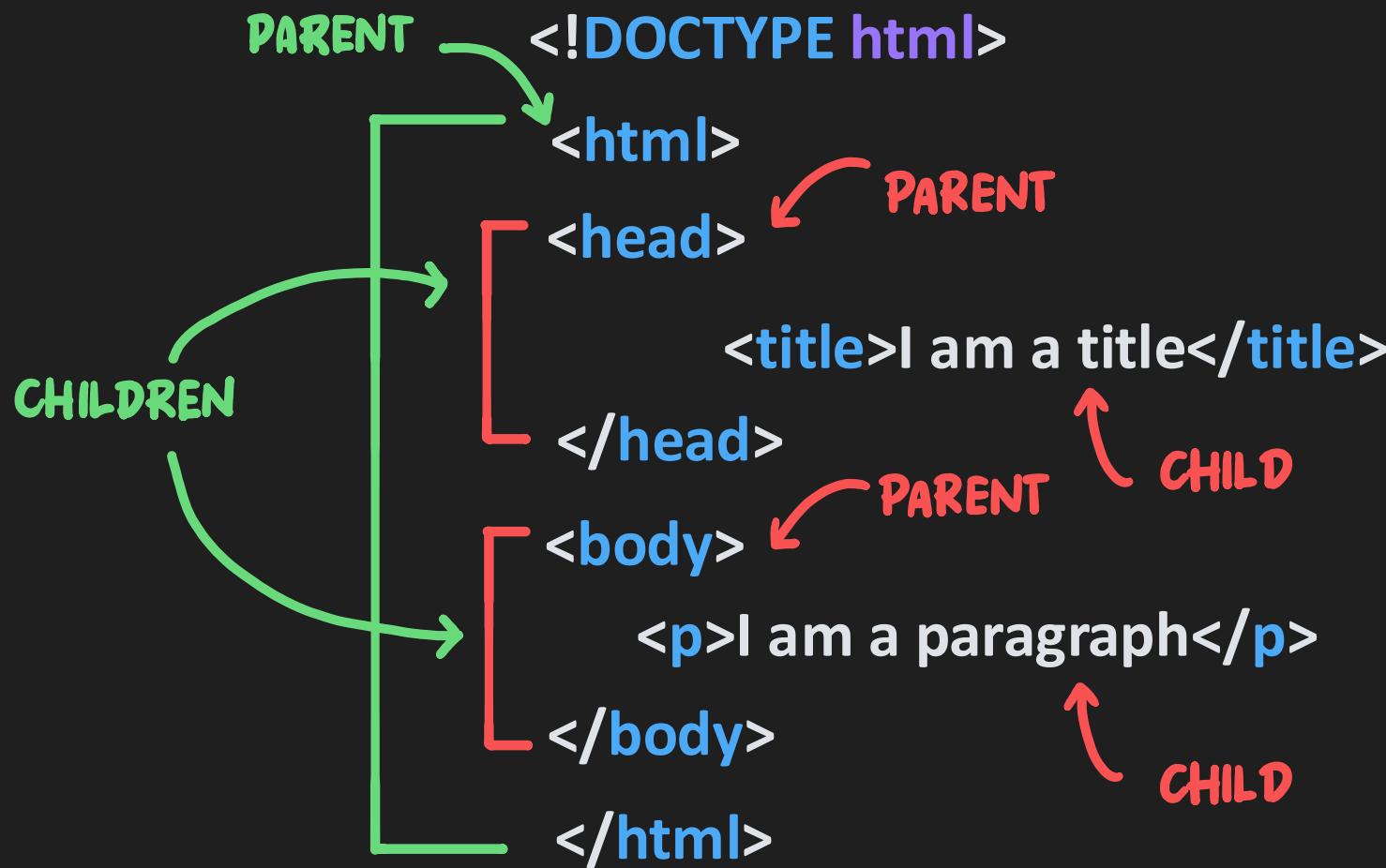
INTRODUCTION TO HTML

# NESTING & INDENTING

NESTING

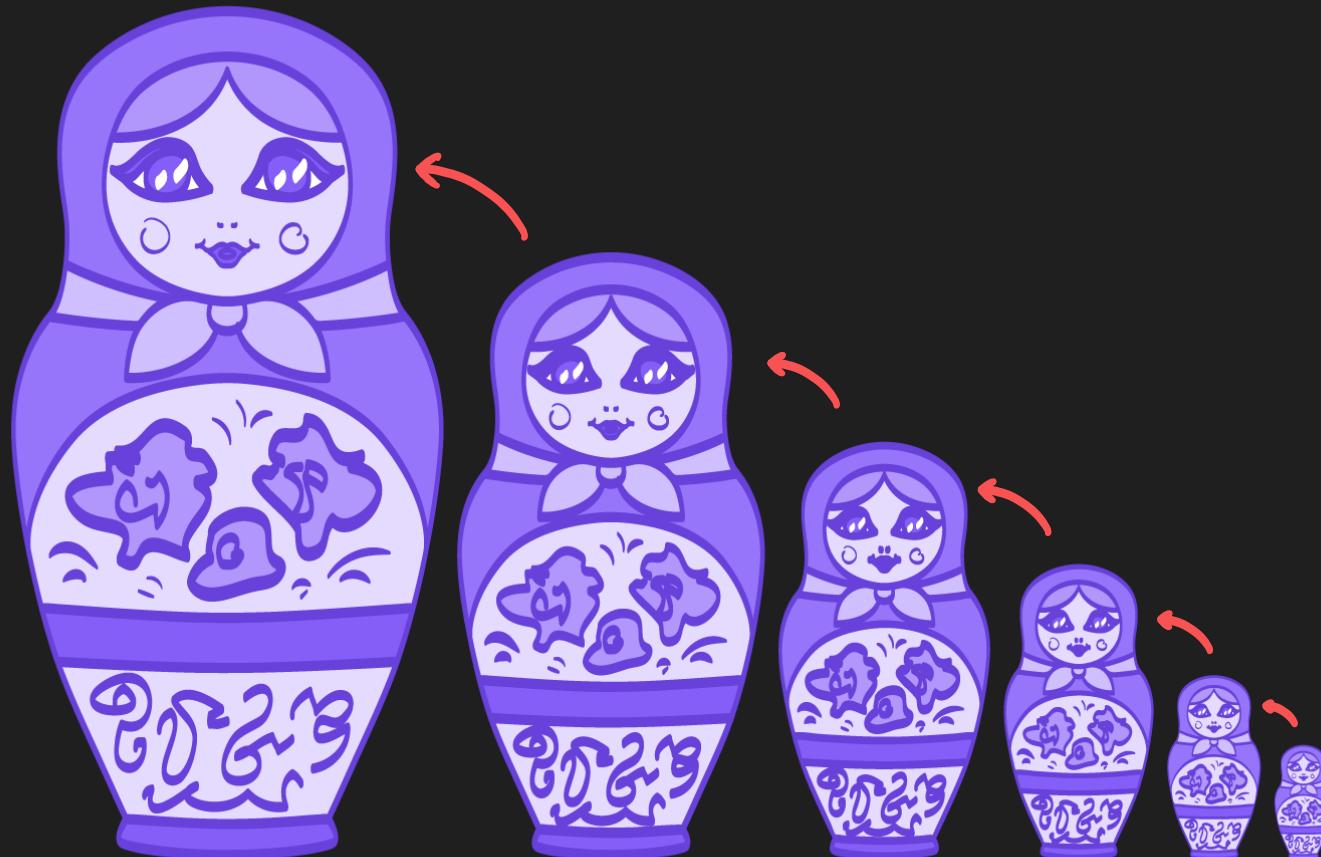
INDENTING

# NESTING



HTML ELEMENTS  
ARE PLACED INSIDE  
ONE ANOTHER  
CREATING A  
HIERARCHICAL  
STRUCTURE

# NESTING



# INDENTING

VERY DIFFICULT  
TO READ AND  
SEE WHICH  
HTML  
ELEMENTS ARE  
NESTED

```
<!DOCTYPE html>  
  
<html>  
  <head>  
    <title>I am a title</title>  
  </head>  
  <body>  
    <p>I am a paragraph</p>  
  </body>  
</html>
```

# INDENTING

## GUIDES

```
<!DOCTYPE html>  
  
<html>  
  <head>  
    <title>I am a title</title>  
  </head>  
  <body>  
    <p>I am a paragraph</p>  
  </body>  
</html>
```

VISUALLY ORGANISES  
CODE TO QUICKLY  
IDENTIFY THE  
HIERARCHY OF  
ELEMENTS



HTML TEXT



HTML TEXT

# HEADINGS

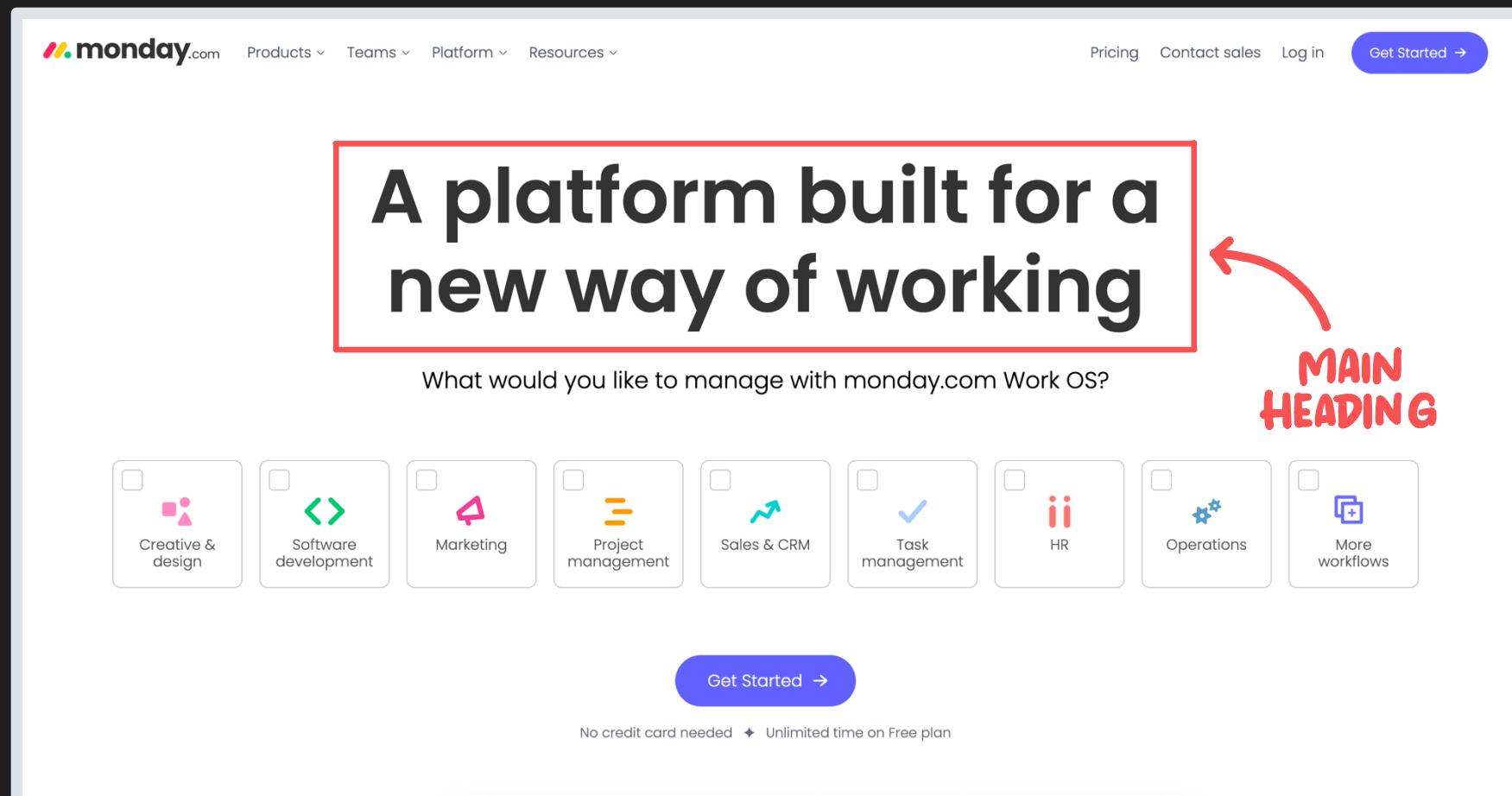
HOW HEADINGS ARE USED

THE HEADING TAG

HEADING HIERARCHY

# WHAT ARE HEADINGS?

HEADINGS BREAK UP DIFFERENT SECTIONS OF A WEBPAGE



The screenshot shows the monday.com homepage. At the top, there is a navigation bar with the logo, 'monday.com', and links for 'Products', 'Teams', 'Platform', and 'Resources'. On the right side of the nav bar are 'Pricing', 'Contact sales', 'Log in', and a 'Get Started' button. Below the navigation, a large main heading 'A platform built for a new way of working' is displayed in a bold, black font inside a red-bordered box. To the right of this box, a red arrow points towards it from the bottom right, with the text 'MAIN HEADING' written in red, bold, sans-serif font below the arrow. Below the main heading, a question 'What would you like to manage with monday.com Work OS?' is centered. At the bottom of the page, there is a row of nine cards, each representing a different management category: 'Creative & design', 'Software development', 'Marketing', 'Project management', 'Sales & CRM', 'Task management', 'HR', 'Operations', and 'More workflows'. Each card has a small icon and a brief description. At the very bottom of the page is another 'Get Started' button.

A platform built for a new way of working

What would you like to manage with monday.com Work OS?

Creative & design

Software development

Marketing

Project management

Sales & CRM

Task management

HR

Operations

More workflows

Get Started →

No credit card needed • Unlimited time on Free plan

# WHAT ARE HEADINGS?

HEADINGS BREAK UP DIFFERENT SECTIONS OF A WEBPAGE

The image shows a screenshot of the monday.com platform. At the top, there's a navigation bar with icons for Boards, Views, Dashboards (which is highlighted with a blue underline), Integrations, Automations, Apps, and Docs. Below the navigation is a main content area with a heading 'Everything you need for any workflow' and a subtext 'Easily build your ideal workflow with monday.com building blocks.' To the right of this text, a red arrow points upwards from a red box around the 'Dashboards' icon, with the handwritten text 'SECTION HEADING' next to it. In the center, there's a 'Team iteration' board titled 'Iteration 112' with four items: 'Social media posts' (Owner: [profile], Status: Done, Priority: Low, Tag: #content #design, Files: [video]), 'Review campaign performance' (Owner: [profile], Status: Working on it, Priority: High, Tag: #analyst, Files: [PDF]), 'Finalize marketing strategy' (Owner: [profile], Status: Stuck, Priority: Mid, Tag: #product #content, Files: [image]), and 'Create a/b test' (Owner: [profile], Status: Awaiting review, Priority: High, Tag: #dev, Files: [video]). Below this is another board titled 'Iteration 111' with two items: 'Implement mobile features' (Owner: [profile], Status: Done, Priority: High, Tag: #dev #product, Files: [image]) and 'Review page with legal' (Owner: [profile], Status: Working on it, Priority: Low, Tag: #content #legal, Files: [image]). To the right of the boards, a red arrow points from a red box around the 'Dashboards' icon to a larger red box around the word 'Dashboards', with the handwritten text 'SUB HEADING' next to it. Below this box is a descriptive text: 'Get the insights you need to make decisions with confidence. Keep track of progress, timelines, and budgets with custom dashboards.' At the bottom right, there's a link 'Learn more →'.

Everything you need for any workflow

Easily build your ideal workflow with monday.com building blocks.

Boards Views Dashboards Integrations Automations Apps Docs

Team iteration

Iteration 112

	Owner	Status	Priority	Tag	Files
Social media posts	[profile]	Done	Low	#content #design	[video]
Review campaign performance	[profile]	Working on it	High	#analyst	[PDF]
Finalize marketing strategy	[profile]	Stuck	Mid	#product #content	[image]
Create a/b test	[profile]	Awaiting review	High	#dev	

Iteration 111

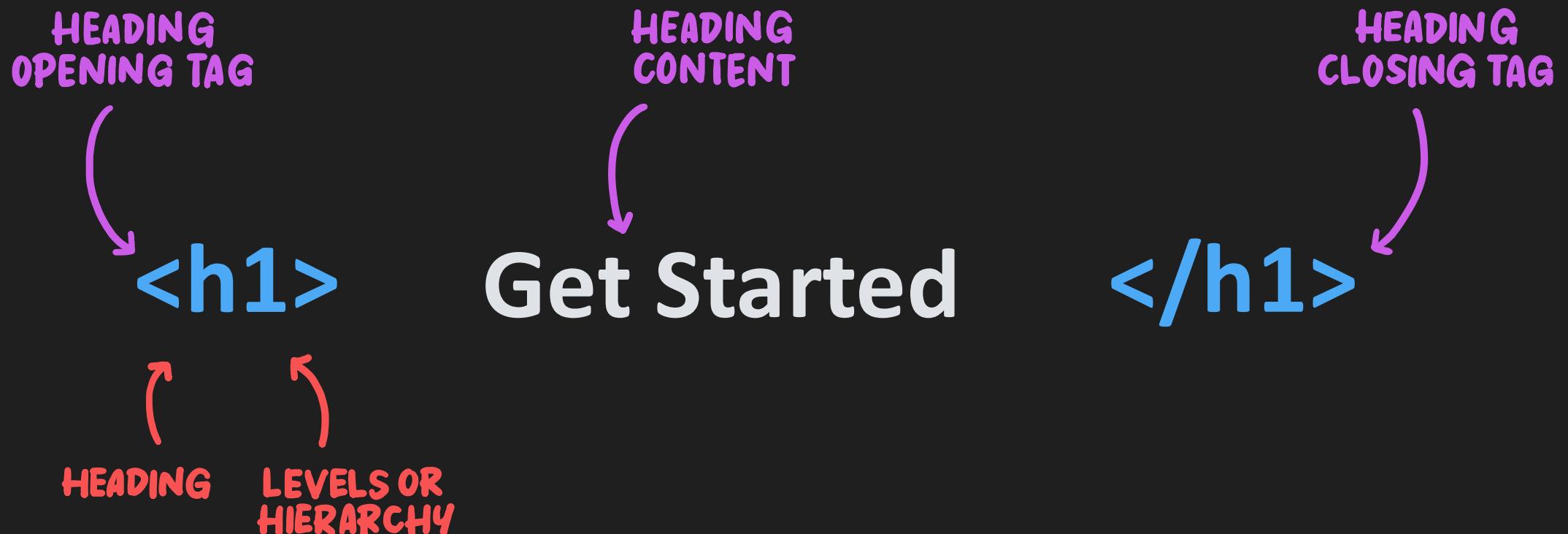
	Owner	Status	Priority	Tag	Files
Implement mobile features	[profile]	Done	High	#dev #product	[image]
Review page with legal	[profile]	Working on it	Low	#content #legal	

Dashboards

Get the insights you need to make decisions with confidence. Keep track of progress, timelines, and budgets with custom dashboards.

Learn more →

# THE HEADING TAG



# THE HEADING TAG

```
<h1>Heading 1</h1>
```

```
<h2>Heading 2</h2>
```

```
<h3>Heading 3</h3>
```

```
<h4>Heading 4</h4>
```

```
<h5>Heading 5</h5>
```

```
<h6>Heading 6</h6>
```

THERE ARE 6  
DIFFERENT  
HEADING TAGS

# HEADING HIERARCHY

HEADINGS ARE USED TO ACHIEVE A CLEAR AND LOGICAL STRUCTURE

ONLY USED ONCE!

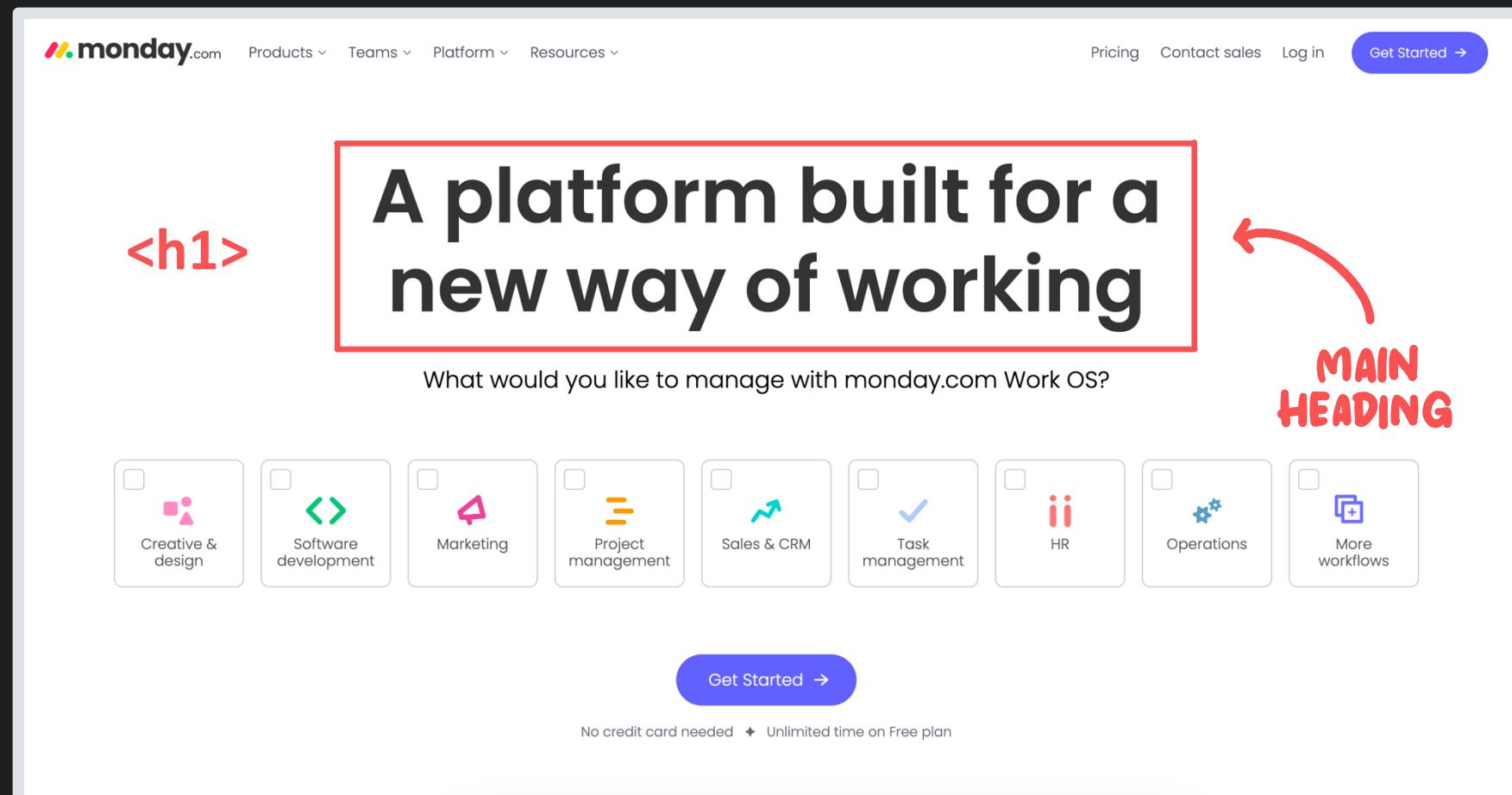
`<h1>Heading 1</h1>`



HIGHEST LEVEL MAIN TITLE

# HEADING HIERARCHY

<h1>A platform built for a new way of working</h1>



The screenshot shows the monday.com homepage. A red box highlights the main heading <h1>A platform built for a new way of working</h1>. A red arrow points from the word "MAIN" in red text on the right to the red box. To the left of the main heading, the text "<h1>" is written in red. Below the main heading, there is a question: "What would you like to manage with monday.com Work OS?". Below this question, there is a row of nine cards, each representing a different management category: Creative & design, Software development, Marketing, Project management, Sales & CRM, Task management, HR, Operations, and More workflows. At the bottom center of the page is a blue "Get Started →" button.

A platform built for a new way of working

What would you like to manage with monday.com Work OS?

Creative & design

Software development

Marketing

Project management

Sales & CRM

Task management

HR

Operations

More workflows

Get Started →

No credit card needed • Unlimited time on Free plan

# HEADING HIERARCHY

HEADINGS ARE USED TO ACHIEVE A CLEAR AND LOGICAL STRUCTURE

ONLY USED ONCE!



```
<h1>Heading 1</h1>
```

```
<h2>Heading 2</h2>
```

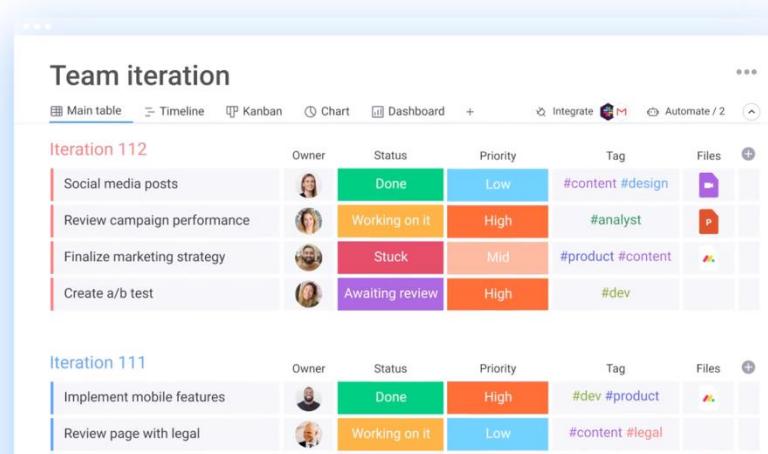


HIGHEST LEVEL MAIN TITLE

HEADING THAT GROUPS CONTENT

# HEADING HIERARCHY

<h2>Everything you need for any workflow</h2>



The screenshot shows the monday.com interface. At the top, there's a navigation bar with icons for Boards, Views, Dashboards (which is highlighted with a blue underline), Integrations, Automations, Apps, and Docs. Below the navigation is a section titled "Everything you need for any workflow" with a subtext "Easily build your ideal workflow with monday.com building blocks." A red arrow points from the word "SECTION" in the "SECTION HEADING" text below to the "Dashboards" heading in the screenshot. To the right of the screenshot, there's a "Dashboards" section with a subtext about getting insights and tracking progress, followed by a "Learn more →" link.

<h2>

**Everything you need for any workflow**

Easily build your ideal workflow with monday.com building blocks.

Boards Views Dashboards Integrations Automations Apps Docs

**Team iteration**

Iteration 112

	Owner	Status	Priority	Tag	Files
Social media posts		Done	Low	#content #design	[video icon]
Review campaign performance		Working on it	High	#analyst	[PDF icon]
Finalize marketing strategy		Stuck	Mid	#product #content	[image icon]
Create a/b test		Awaiting review	High	#dev	

Iteration 111

	Owner	Status	Priority	Tag	Files
Implement mobile features		Done	High	#dev #product	[image icon]
Review page with legal		Working on it	Low	#content #legal	

**Dashboards**

Get the insights you need to make decisions with confidence. Keep track of progress, timelines, and budgets with custom dashboards.

[Learn more →](#)

# HEADING HIERARCHY

**HEADINGS ARE USED TO ACHIEVE A CLEAR AND LOGICAL STRUCTURE**

**ONLY USED ONCE!**

`<h1>Heading 1</h1>`

`<h2>Heading 2</h2>`

`<h3>Heading 3</h3>`

`<h4>Heading 4</h4>`

`<h5>Heading 5</h5>`

`<h6>Heading 6</h6>`



**HIGHEST LEVEL MAIN TITLE**

**HEADING THAT GROUPS CONTENT**

**SUBHEADINGS WITH  
DECREASING IMPORTANCE**

# HEADING HIERARCHY

<h3>Dashboards</h3>

The screenshot shows the monday.com interface. At the top, there's a navigation bar with icons for Boards, Views, Dashboards (which is highlighted), Integrations, Automations, Apps, and Docs. Below the navigation is a section titled "Everything you need for any workflow" with the subtitle "Easily build your ideal workflow with monday.com building blocks." A red box highlights the word "Dashboards" in the subtitle. To the right of this section, a red arrow points to the word "SECTION HEADING". Further down, there's a "Team iteration" board titled "Iteration 112" with four items: "Social media posts" (Status: Done, Priority: Low, Tag: #content #design), "Review campaign performance" (Status: Working on it, Priority: High, Tag: #analyst), "Finalize marketing strategy" (Status: Stuck, Priority: Mid, Tag: #product #content), and "Create a/b test" (Status: Awaiting review, Priority: High, Tag: #dev). Another red arrow points from this board area to the word "SUB HEADING". On the right side of the screen, there's a "Dashboards" section with the subtitle "<h3>" and a description: "Get the insights you need to make decisions with confidence. Keep track of progress, timelines, and budgets with custom dashboards." A red box highlights the "Dashboards" title, and another red arrow points from this box to the subtitle "<h3>". At the bottom right, there's a "Learn more →" link.

**SECTION HEADING**

**SUB HEADING**

**<h3>**

# HEADING HIERARCHY

HEADINGS ARE USED TO ACHIEVE A CLEAR AND LOGICAL STRUCTURE

ONLY USED ONCE!

DECREASING  
IMPORTANCE

<h1>Heading 1</h1>

<h2>Heading 2</h2>

<h3>Heading 3</h3>

<h4>Heading 4</h4>

<h5>Heading 5</h5>

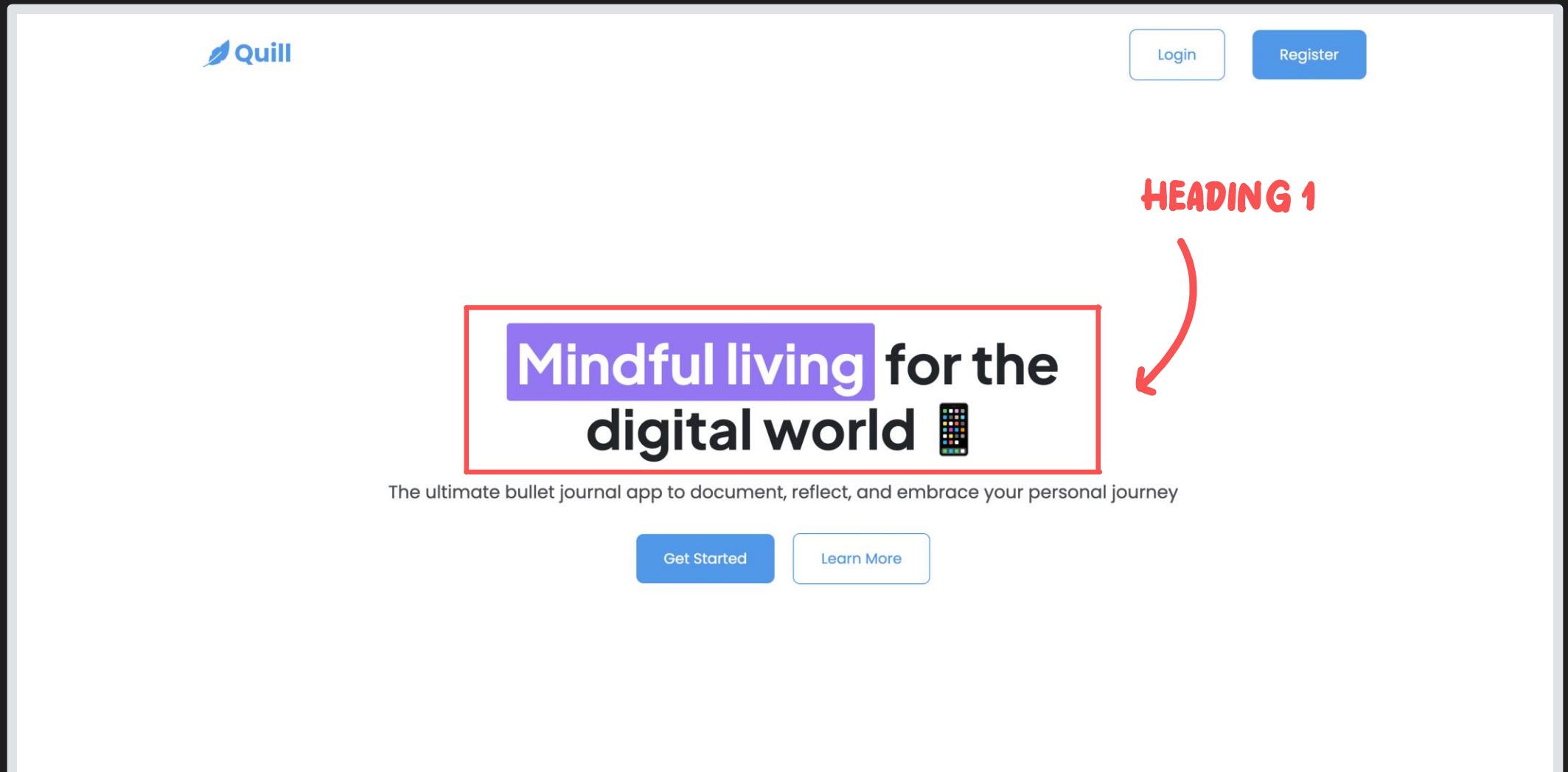
<h6>Heading 6</h6>

HIGHEST LEVEL MAIN TITLE

HEADING THAT GROUPS CONTENT

SUBHEADINGS WITH  
DECREASING IMPORTANCE

# QUILL HOMEPAGE



The screenshot shows the homepage of the Quill app. At the top left is the Quill logo. At the top right are 'Login' and 'Register' buttons. The main heading 'Mindful living for the digital world' is enclosed in a red-bordered box. A red arrow points from the text 'HEADING 1' to the top of this box. Below the heading is a subtext: 'The ultimate bullet journal app to document, reflect, and embrace your personal journey'. At the bottom are 'Get Started' and 'Learn More' buttons.

Quill

Login Register

**HEADING 1**

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

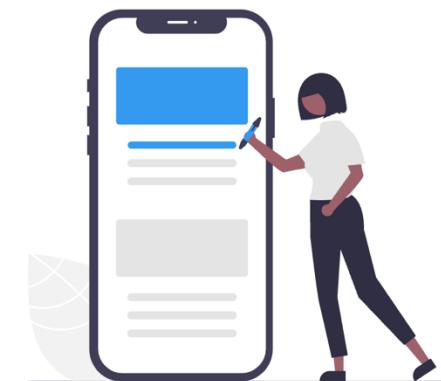
Finally, a **simple and easy** to use journal app

HEADING 2

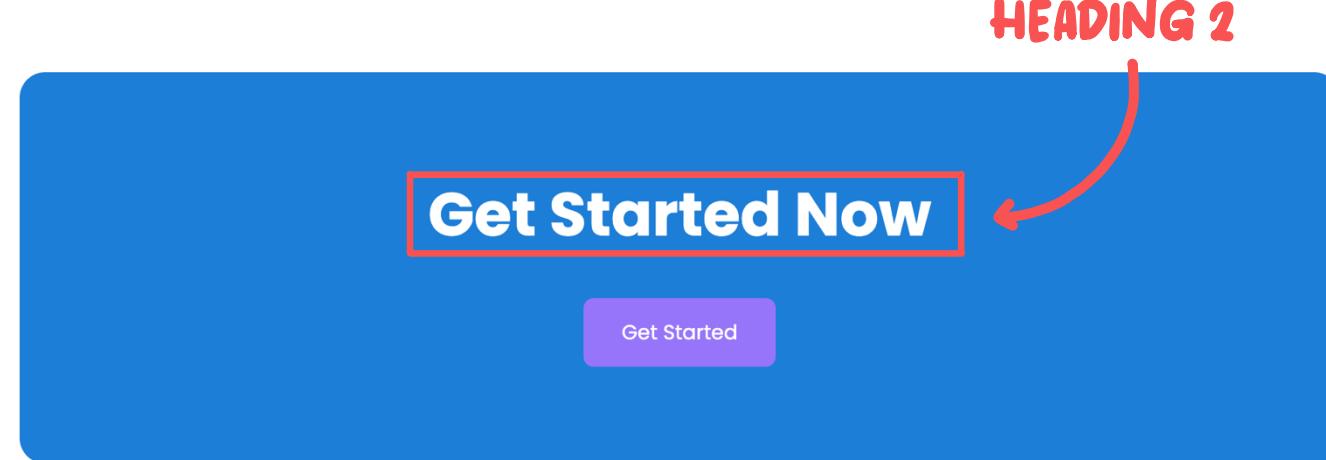
Write all your journals in a few clicks

HEADING 3

Unlock the simplicity of online journaling – say goodbye to the hassle of pen and paper and hello to effortless journaling with just a few clicks.



# QUILL HOMEPAGE



Home Login Register



HTML TEXT

# PARAGRAPHS

WHERE PARAGRAPHS ARE USED

THE PARAGRAPH TAG

# WHAT ARE PARAGRAPHS?

STRUCTURAL TEXT UNITS THAT GROUP TOGETHER RELATED IDEAS

The screenshot shows the monday.com homepage. At the top, there is a navigation bar with links for Products, Teams, Platform, and Resources. On the right side of the header are links for Pricing, Contact sales, Log in, and a blue 'Get Started →' button. Below the header, the main headline reads 'A platform built for a new way of working'. To the left of this headline, the text 'SINGLE SENTENCE PARAGRAPH' is written in red, with a red curved arrow pointing from it towards a search bar below. The search bar contains the placeholder text 'What would you like to manage with monday.com Work OS?'. Below the search bar, there is a row of nine icons representing different management categories: Creative & design, Software development, Marketing, Project management, Sales & CRM, Task management, HR, Operations, and More workflows. At the bottom of the page is another 'Get Started →' button.

SINGLE  
SENTENCE  
PARAGRAPH

A platform built for a new way of working

What would you like to manage with monday.com Work OS?

Creative & design   Software development   Marketing   Project management   Sales & CRM   Task management   HR   Operations   More workflows

Get Started →

No credit card needed • Unlimited time on Free plan

# WHAT ARE PARAGRAPHS?

STRUCTURAL TEXT UNITS THAT GROUP TOGETHER RELATED IDEAS

**Everything you need for any workflow**

Easily build your ideal workflow with monday.com building blocks.

The screenshot shows the monday.com interface. At the top, there's a navigation bar with icons for Boards, Views, Dashboards (which is highlighted in blue), Integrations, Automations, Apps, and Docs. Below the navigation is a main workspace titled "Team iteration". It displays two sections of tasks: "Iteration 112" and "Iteration 111". Each section has a table with columns for Owner, Status, Priority, Tag, and Files. In Iteration 112, tasks include "Social media posts" (Done, Low, #content #design), "Review campaign performance" (Working on it, High, #analyst), "Finalize marketing strategy" (Stuck, Mid, #product #content), and "Create a/b test" (Awaiting review, High, #dev). In Iteration 111, tasks include "Implement mobile features" (Done, High, #dev #product) and "Review page with legal" (Working on it, Low, #content #legal).

**MULTI SENTENCE PARAGRAPH**

**Dashboards**

Get the insights you need to make decisions with confidence. Keep track of progress, timelines, and budgets with custom dashboards.

[Learn more →](#)

# WHAT ARE PARAGRAPHS?

STRUCTURAL TEXT UNITS THAT GROUP TOGETHER RELATED IDEAS

**MULTIPLE PARAGRAPHS**

5. Cookies and Tracking Technologies

Our Sites and Services (including some of our Service Providers) utilize "cookies", anonymous identifiers, pixels, container tags and other technologies in order for us to provide and monitor the use of our Services and Sites, to ensure that they perform properly, to analyze our performance and marketing activities, and to personalize your experience. Such cookies and similar files or tags may also be temporarily placed on your device. Certain cookies and other technologies serve to recall personal data, such as an IP address, as indicated by a Prospect or User. To learn more about our practices concerning cookies and tracking, please see our [Cookie Policy](#). You may also use the "Cookie settings" feature available in our Services depending on your location and activity on our Services, as applicable. If you choose to opt-out of certain cookies, this will typically generate a new cookie which will preserve your choice, and indicate it to our Services in your next visits so that the cookies you opted-out of will not be utilized. You can also manage your cookies preferences, and accept, remove or entirely block cookies, through your browser settings.

Certain web browsers may transmit "Do Not Track" signals to websites with which the browser communicates. However, due to differences in how web browsers interpret this feature and send those signals, and lack of standardization, we do not change our practices in response to such "Do Not Track" signals. However, most browsers allow you to control cookies, including whether or not to accept them and how to remove them. You may set most browsers to notify you if you receive a cookie, or to block or remove cookies altogether.

6. Communications

We engage in Services and promotional communications, through email, phone, SMS and notifications.

**Services Communications:** We may contact you with important information regarding our Services. For example, we may send you notifications (through any of the means available to us) of changes or updates to our Services, billing issues, log-in attempts or password reset notices, etc. Our Customers, and other Users on the same Account, may also send you notifications, messages and other updates regarding their or your use of the Services. You can control your communications and notifications settings from your User Profile settings, or otherwise in accordance with the instructions that may be included in the communications sent to you. However, please note that you will not be able to opt-out of receiving certain Services communications which are integral to your use (like password resets or billing notices).

# THE PARAGRAPH TAG

PARAGRAPH  
OPENING TAG

`<p>`

PARAGRAPH  
CONTENT

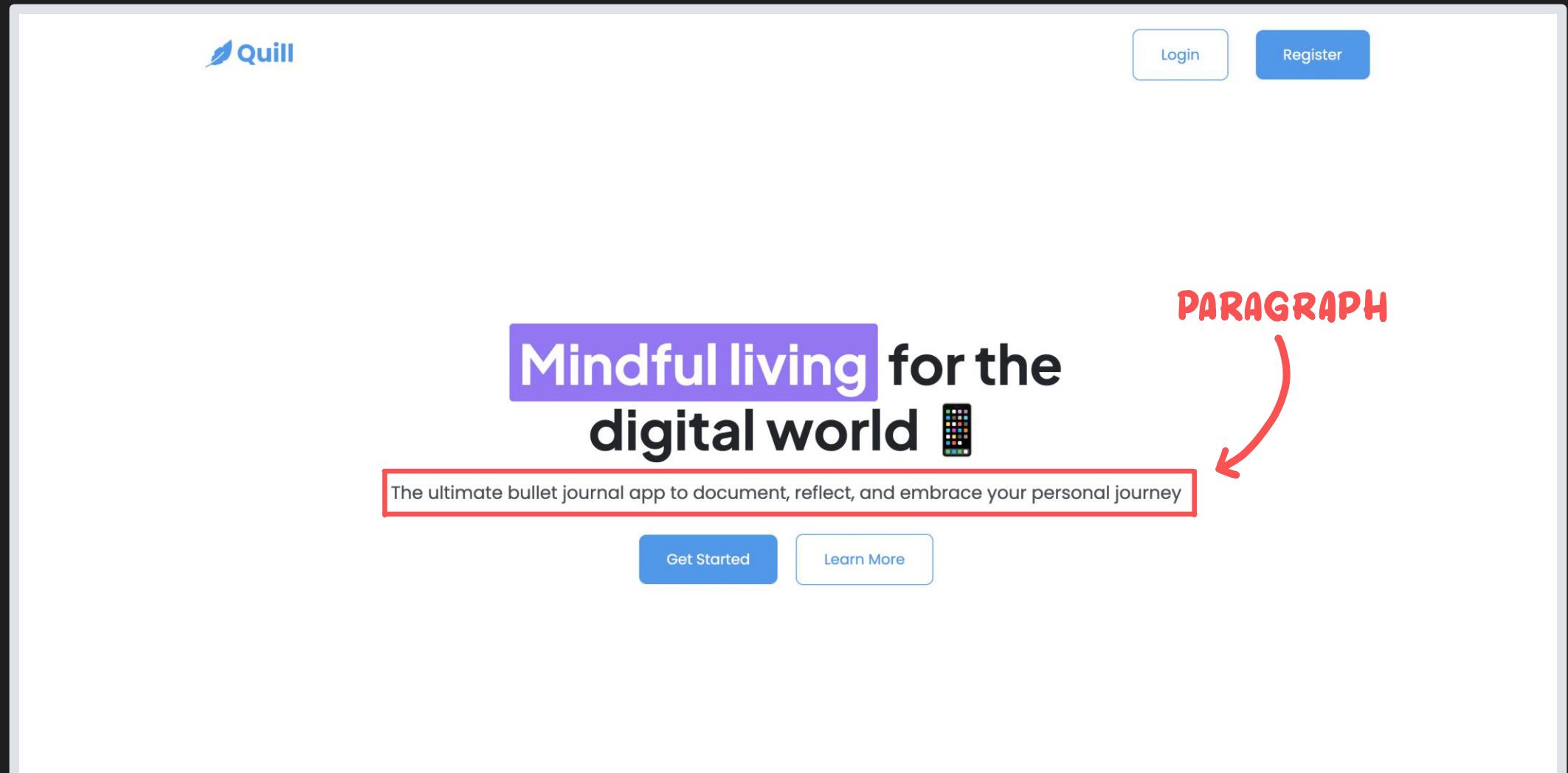


Paragraph text

PARAGRAPH  
CLOSING TAG

`</p>`

# QUILL HOMEPAGE



The screenshot shows the homepage of Quill, a bullet journal app. At the top left is the Quill logo. At the top right are 'Login' and 'Register' buttons. The main heading 'Mindful living for the digital world' is displayed in a purple box, with a small smartphone icon next to the word 'world'. Below this is a red-bordered paragraph describing the app as 'The ultimate bullet journal app to document, reflect, and embrace your personal journey'. Two buttons at the bottom are 'Get Started' and 'Learn More'. A red arrow points from the word 'PARAGRAPH' to the red-bordered paragraph.

Quill

Login Register

Mindful living for the digital world

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

Get Started Learn More

PARAGRAPH

# QUILL HOMEPAGE

Finally, a **simple and easy** to use journal app

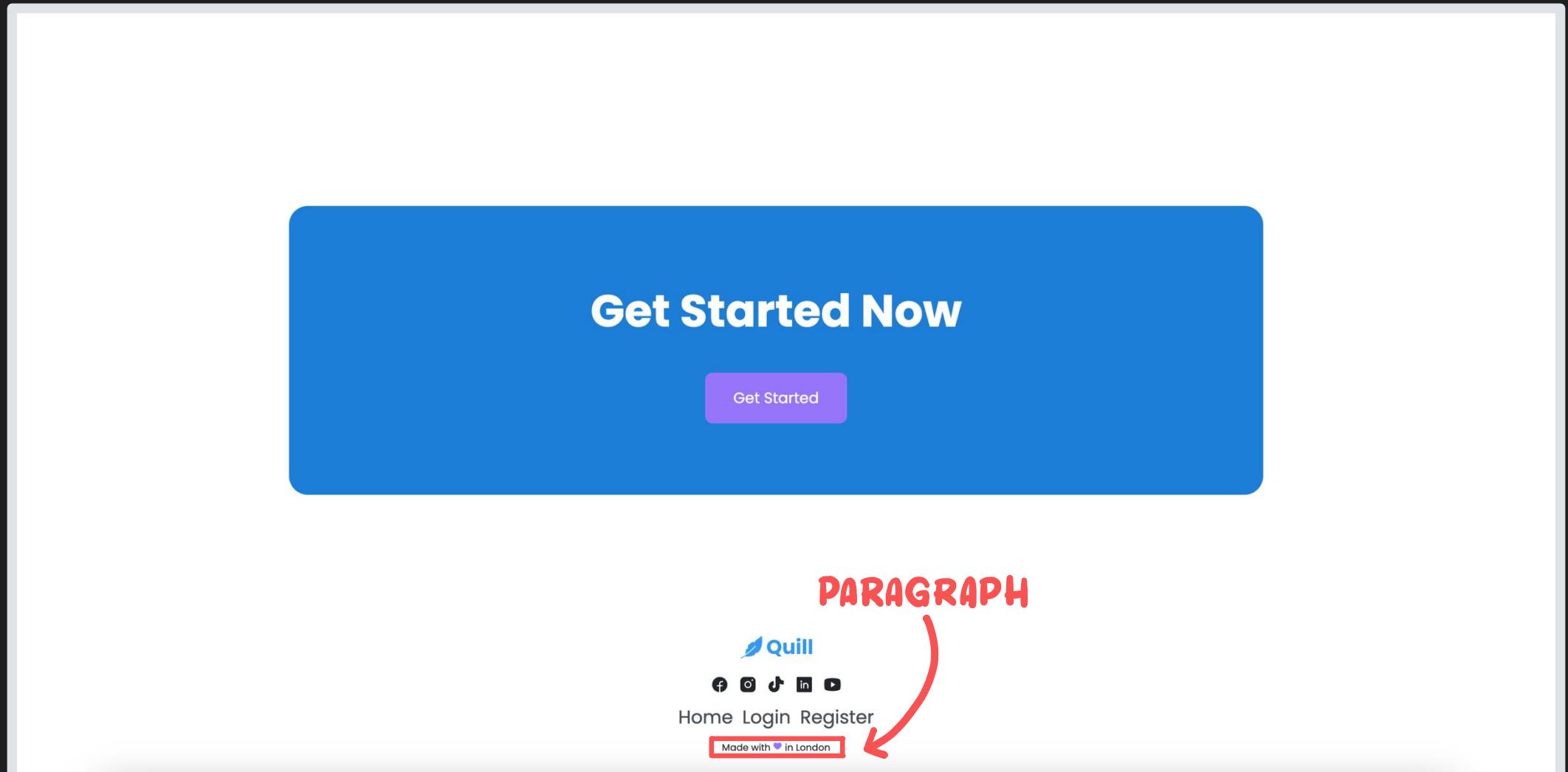
**Write all your journals in a few  
clicks**

Unlock the simplicity of online journaling – say goodbye to the  
hassle of pen and paper and hello to effortless journaling with just  
a few clicks.

PARAGRAPH



# QUILL HOMEPAGE



The screenshot shows the Quill homepage. A large blue button in the center contains the text "Get Started Now" in white. Below it is a purple "Get Started" button. At the bottom right, there is a red annotation with the word "PARAGRAPH" in red capital letters above a red curved arrow pointing to a small red-bordered box containing the text "Made with ❤️ in London". The Quill logo and social media icons are also visible at the bottom.

Get Started Now

Get Started

PARAGRAPH

Quill

Home Login Register

Made with ❤️ in London



HTML TEXT

# LISTS

ORDERED LISTS

UNORDERED LISTS

NESTED LISTS

# LIST TYPES

THERE ARE 2 LIST TYPES IN HTML THAT ARE USED FOR DIFFERENT PURPOSES

1. — —

2. — — —

3. - - -

• — —

• — — —

• - - -

ORDERED

'NUMBERED'

UNORDERED

'BULLETED'



# ORDERED LIST

A LIST WITH NUMBERS THAT PRESENTS ITEMS IN A CLEAR AND ORGANISED WAY

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5. ^ "Borat and Ali G are dead for Sacha Baron Cohen" . actressarchives.com. 21 December 2007. Archived from the original on 4 November 2012. Retrieved 15 July 2012.
6. ^ Jackson, James (13 December 2012). "Ali G mocks Jimmy Savile at British Comedy Awards" . *The Times*. Retrieved 23 July 2015.
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10. ^ "Interview with Gerry Robinson from Ali G – Inniit" . YouTube.
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31. ^ "Noam Chomsky interview" . *The Telegraph*. 6 July 2010. Retrieved 14 January 2018.
32. ^ " 'Borat' Backlash Brings Anger, Lawsuits" . Nick Watt. ABC NEWS. 11 November 2006. Retrieved 31 January 2018.
33. ^ "The Cheerful Confessions Of Ali G, Borat And Bruno" . *The New York*

NUMBERS



# ORDERED LISTS TAGS



# UNORDERED LIST

A LIST WITH BULLET POINTS TO PRESENT ITEMS IN AN EASY-TO-READ WAY

## People interviewed by Ali G [\[ edit \]](#)



This section **needs additional citations for verification**. Please help [improve this article](#) by adding citations to reliable sources in this section. Unsourced material may be challenged and removed.

*Find sources: "Ali G" – news · newspapers · books · scholar · JSTOR (November 2020) ([Learn how and when to remove this template message](#))*

BULLETS



- Edwin "Buzz" Aldrin (1930–), whom Ali G addresses as "Buzz Lightyear," former astronaut, and the second man to walk on the Moon: Ali asks him if he was "ever jealous of Louis Armstrong", Aldrin has to correct him and reminds him that it was in fact Neil Armstrong who landed on the Moon. Ali G also asks whether the "people on the Moon" were friendly or scared of Aldrin upon landing on the Moon. Ali insists that Aldrin should put conspiracy theorists straight, saying "what do you say to all of those conspiracy theorists who come up to you and say, does the Moon really exist?" He also believes that Aldrin was the first person to perform the moonwalk dance, not Michael Jackson.<sup>[23][24]</sup>
- David Alderdice, 43rd Lord Mayor of Belfast: Ali refers to him as the "Lord Mayor of Ireland" at the beginning of the interview. He also believed that Terry Wogan was part of the IRA.<sup>[25]</sup>
- John Gray, author of *Men Are from Mars, Women Are from Venus*.
- David Beckham, football player, and Victoria Beckham, a former member of the Spice Girls.
- Tony Benn (1925–2014), former Labour MP for Chesterfield, Cabinet Minister and chairman of the Labour Party from 1971 to 1972. Benn is shocked at Ali's stubborn and cynical view of the world. During the interview, Ali expresses his view that the workers who went on strike in 1984 were lazy and pulling a "sickie", and that most people want to chill at home and watch TV instead of having to go to work. Ali suggests to Benn that celebrities and professional athletes such as Frank Bruno should become candidates, instead of barely known politicians who "probably sleep with horses".<sup>[26][27]</sup>

# UNORDERED LISTS TAGS

UNORDERED LIST  
OPENING TAG

`<ul>`      LIST  
          OPENING TAG    LIST  
                          CLOSING TAG

`<li>Pineapple</li>`

`<li>Olives</li>`

`<li>Mushrooms</li>`

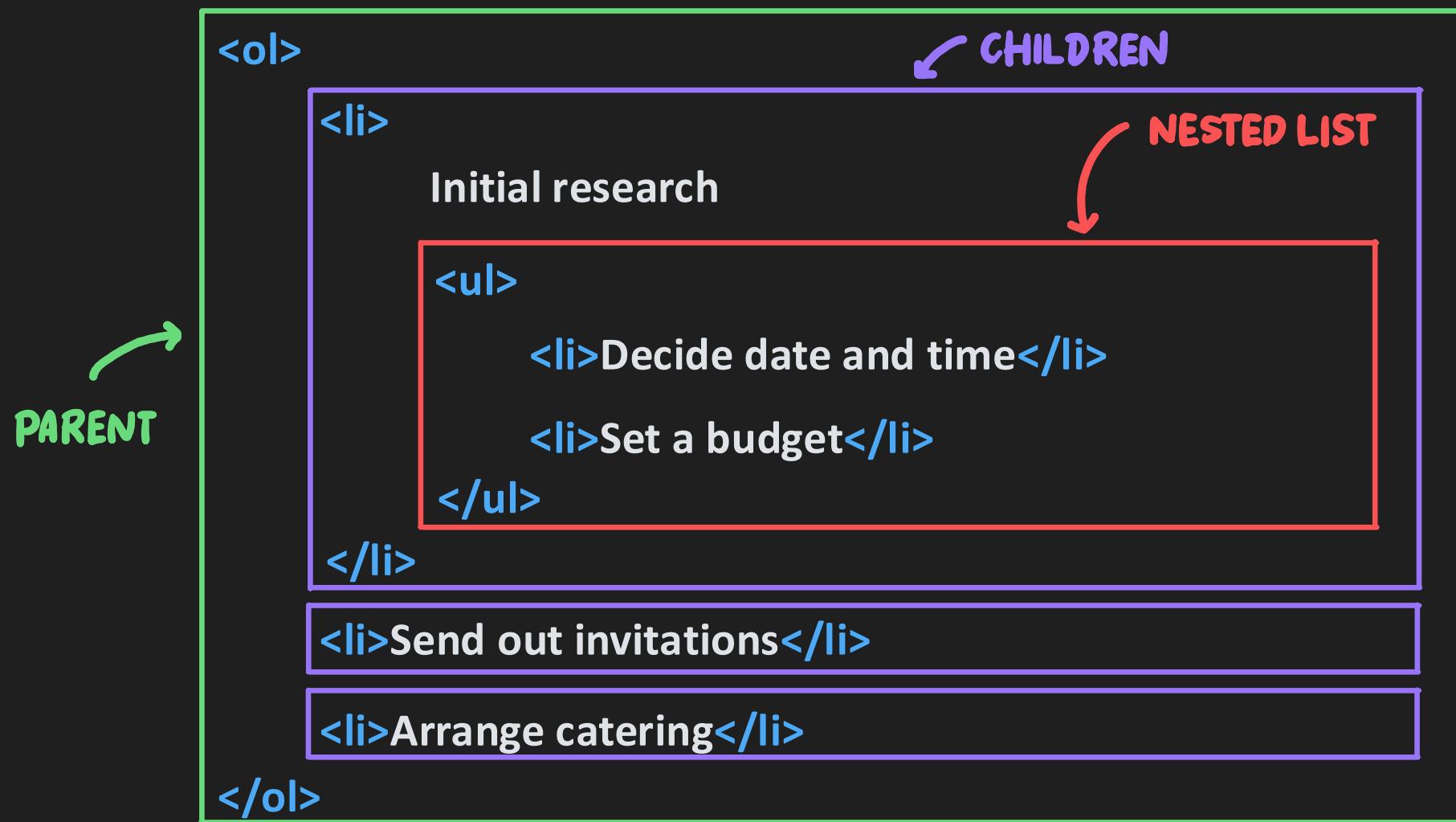
`</ul>`

UNORDERED LIST  
CLOSING TAG

INDENTED AND  
NESTED

# NESTED LISTS

## A LIST WITHIN A LIST

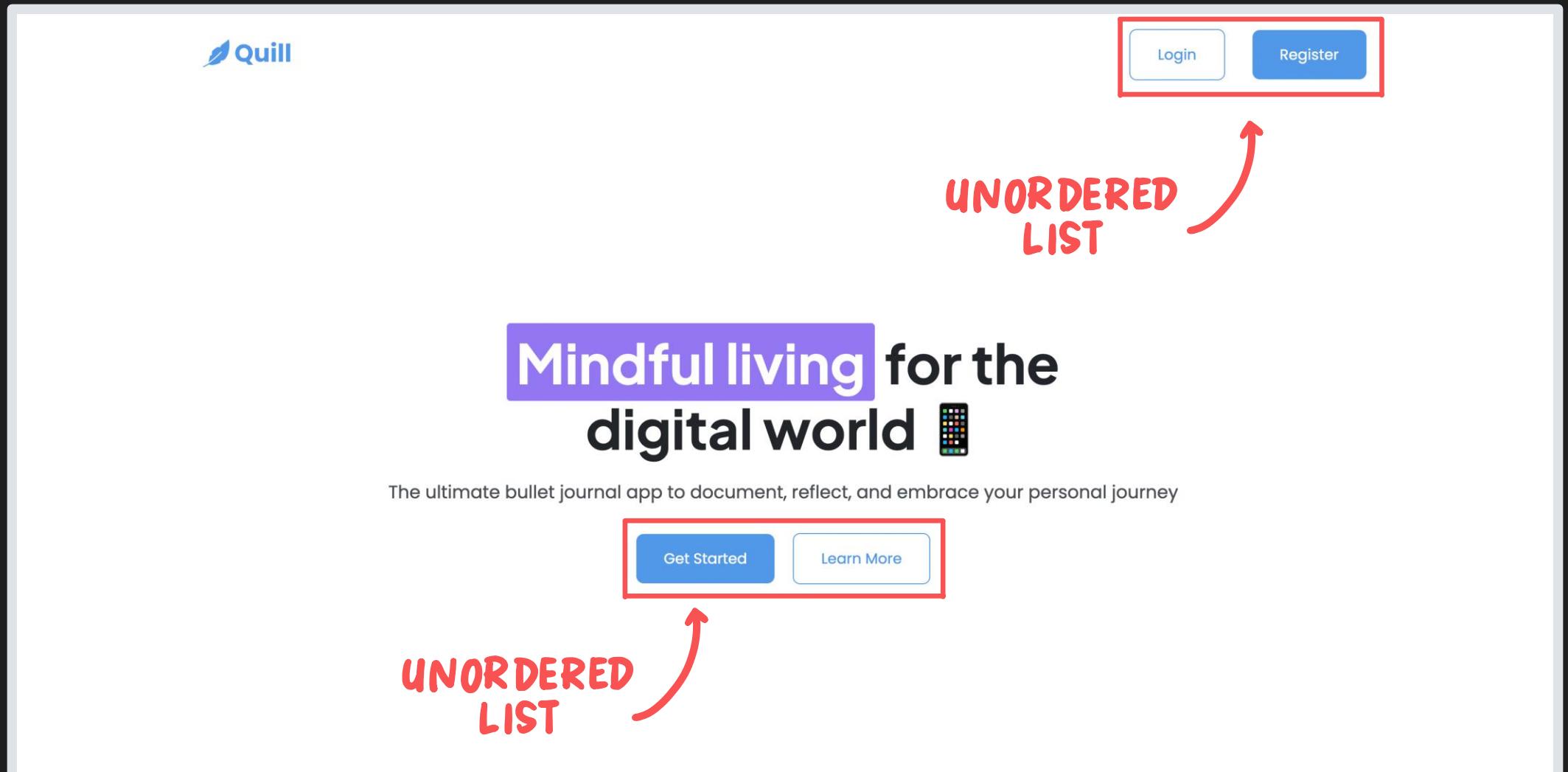


# NESTED LISTS

2ND LEVEL

		ORDERED LIST	UNORDERED LIST
		1. -- 1. -- 2. -- 3. --	1. -- • -- • -- 2. -- 3. --
		• -- 1. --- 2. -- • -- • --	• - • -- • -- • --
1ST LEVEL	ORDERED LIST	1. -- 1. -- 2. -- 3. --	1. -- • -- • -- 2. -- 3. --
UNORDERED LIST		• -- 1. --- 2. -- • -- • --	• - • -- • -- • --

# QUILL HOMEPAGE



The screenshot shows the Quill homepage. At the top left is the Quill logo. At the top right are two buttons: "Login" and "Register", which are highlighted with a red rectangular box and a red arrow pointing to it from the text "UNORDERED LIST". Below the header is a purple banner containing the text "Mindful living for the digital world" followed by an icon of a smartphone. Underneath the banner is a subtitle: "The ultimate bullet journal app to document, reflect, and embrace your personal journey". At the bottom center are two blue buttons: "Get Started" and "Learn More", which are also highlighted with a red rectangular box and a red arrow pointing to it from the text "UNORDERED LIST".

UNORDERED LIST

UNORDERED LIST

Quill

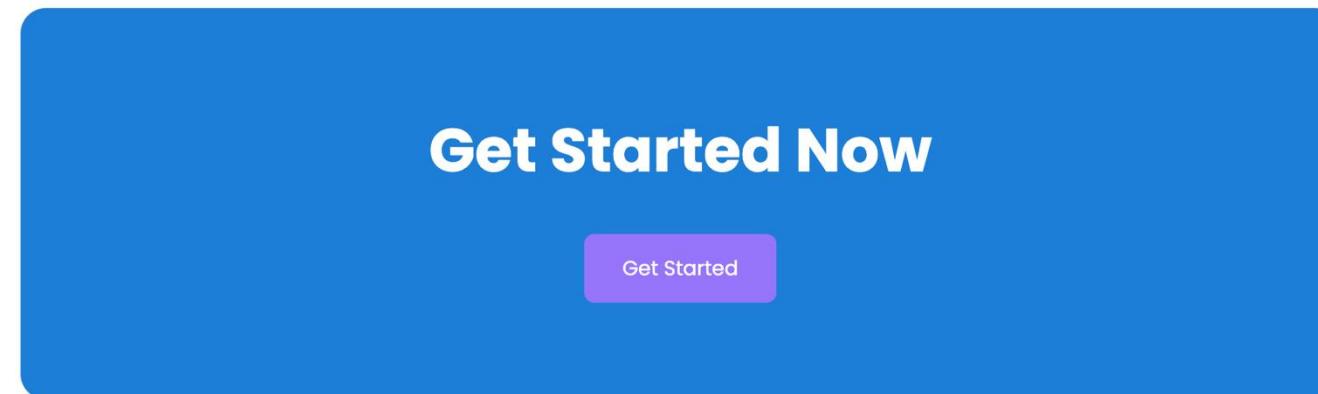
Login Register

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



UNORDERED  
LIST



UNORDERED  
LIST



Home Login Register



HTML TEXT

# COMMENTS

THE PURPOSE OF COMMENTS

COMMENT SYNTAX

# WHAT ARE COMMENTS?

NOTES INSIDE HTML DOCUMENT THAT ARE NOT DISPLAYED IN THE BROWSER



## NOTES TO SELF

"TO-DO" PLACEHOLDERS  
USEFUL FOR REMINDERS ON  
FUTURE ACTIONS

"ADD IN BUTTONS HERE LATER"



## DOCUMENTATION

EXPLANATORY NOTES USEFUL FOR  
WHEN REVISITING YOUR OWN  
CODE OR FOR OTHERS LOOKING AT

"ICONS LINK TO SOCIAL MEDIA"

# COMMENT SYNTAX

OPENING  
DELIMITER



<!--

NOT AN  
HTML ELEMENT



MAC  
SHORTCUT



COMMENT  
TEXT



This is a comment

CLOSING  
DELIMITER



-->

WINDOWS  
SHORTCUT





HTML TEXT

# CHROME DEV TOOLS

WHAT ARE CHROME DEV TOOLS

HOW TO USE CHROME DEV TOOLS

# WHAT ARE CHROME DEV TOOLS?

A SET OF WEB DEVELOPMENT TOOLS BUILT INTO THE CHROME BROWSER THAT ALLOWS DEVELOPERS TO INSPECT, DEBUG AND PROFILE WEB APPS

SEE A WEBPAGES UNDERLYING HTML AND CSS

VIEW AND INTERACT WITH JAVASCRIPT

INFORMATION ABOUT NETWORK REQUESTS





# HYPERLINKS & ATTRIBUTES



FILE PATHS, HYPERLINKS & ATTRIBUTES

# FILE PATHS

TEXT & GRAPHICAL BASED COMPUTERS

DIRECTORY STRUCTURE

ABSOLUTE & RELATIVE FILE PATHS

# HOW COMPUTERS HAVE DEVELOPED

THE WAY WE INTERACT WITH COMPUTERS HAS CHANGED A LOT

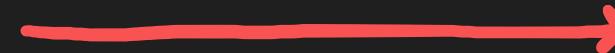
TEXT-BASED



GRAPHICAL



1970s/80s





# TEXT-BASED COMPUTERS

USERS INTERACTED WITH COMPUTERS USING TEXT-BASED INTERFACES

```
Copyright (c) 1981, 1982, 1983 Infocom, Inc. All rights reserved.  
ZORK is a registered trademark of Infocom, Inc.  
Revision 88 / Serial number 840726
```

```
West of House  
You are standing  
Standing in an open field west of a white house, with a boarded front  
door.  
There is a small mailbox here.
```

```
>open mailbox  
Opening the small mailbox reveals a leaflet.
```

```
>take the leaflet  
Taken.
```

```
>read leaflet  
"WELCOME TO ZORK!  
ZORK is a game of adventure, danger, and low cunning. In it you will explore  
some of the most amazing territory ever deen by mortals. No computer should be  
without one!"
```

COMMAND  
LINE

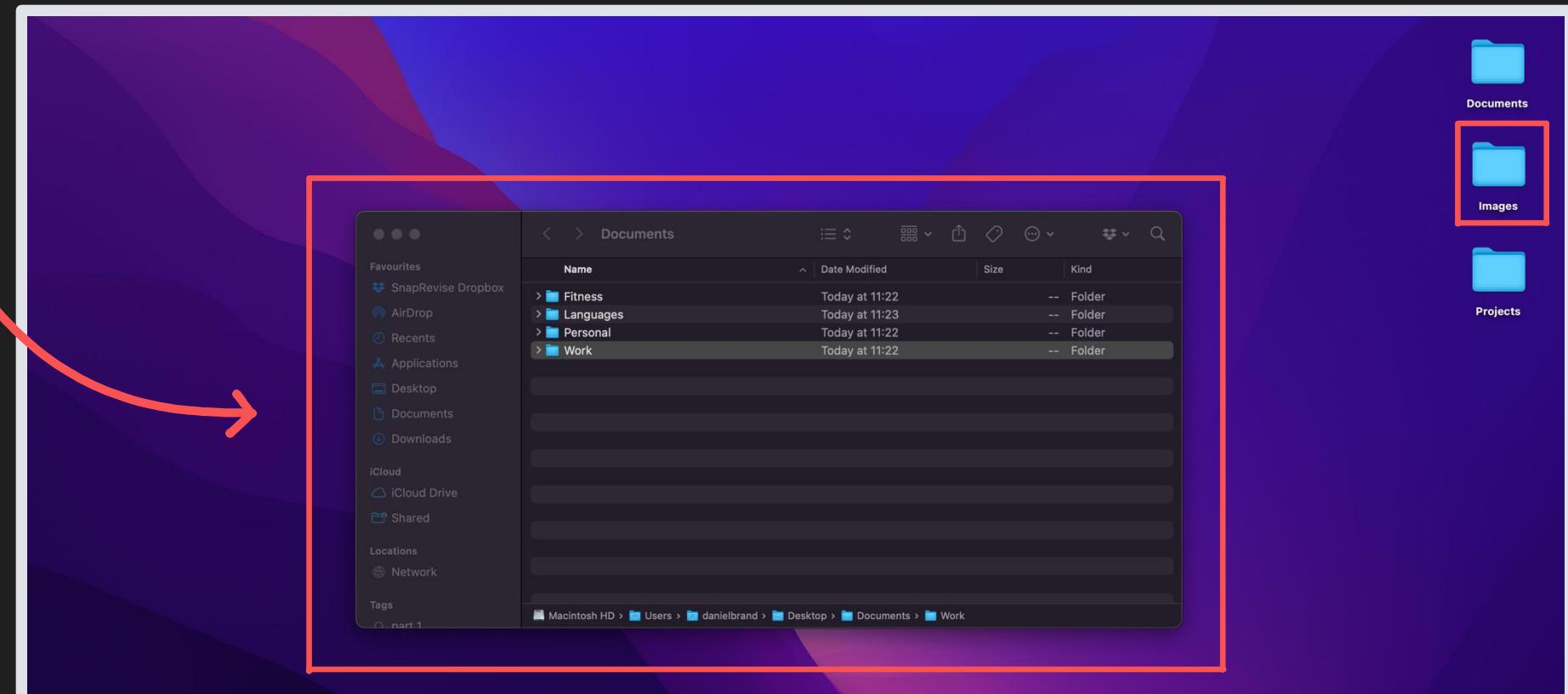


```
>
```

# GRAPHICAL COMPUTERS

PERSONAL COMPUTERS HAVE A GRAPHICAL USER INTERFACE WHICH ALLOWS USERS TO VISUALLY INTERACT WITH GRAPHICAL ELEMENTS

WINDOWS



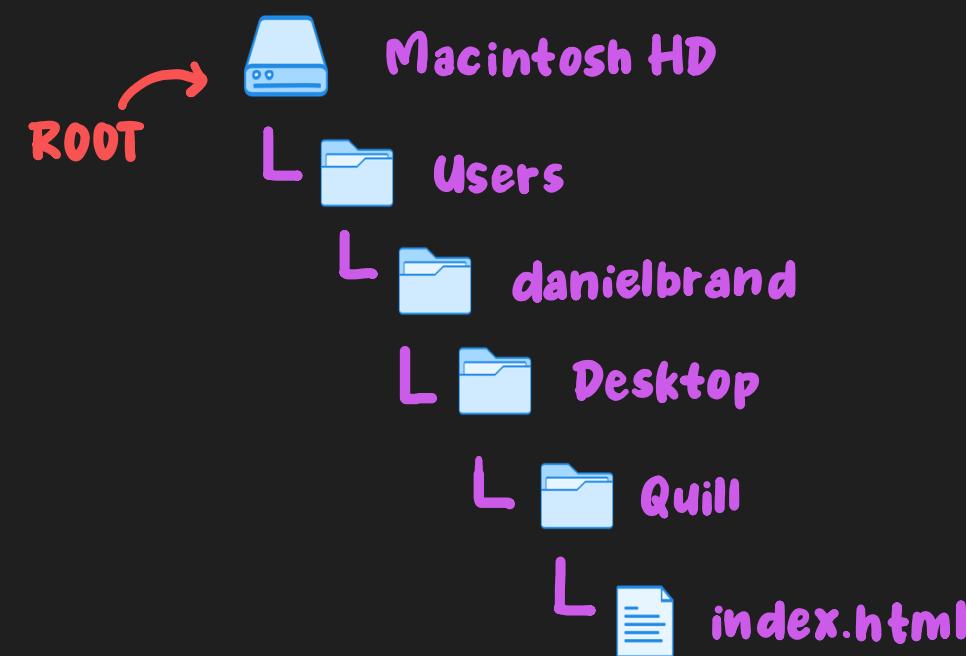
ICONS

# DIRECTORY STRUCTURE

A HIERARCHICAL STRUCTURE THAT ORGANISES  
AND STORES FILES AND DIRECTORIES



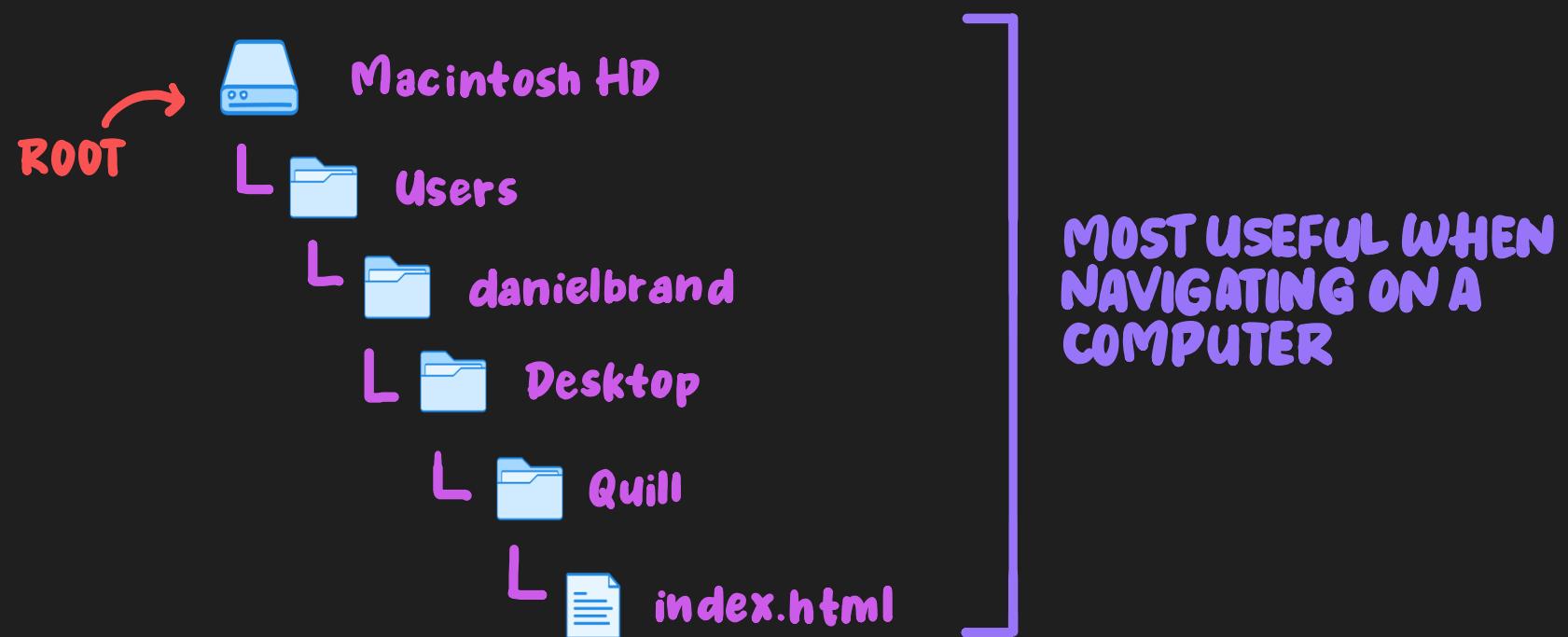
FOLDERS



> MacintoshHD / Users / danielbrand / Desktop / Quill / index.html

# ABSOLUTE FILE PATHS

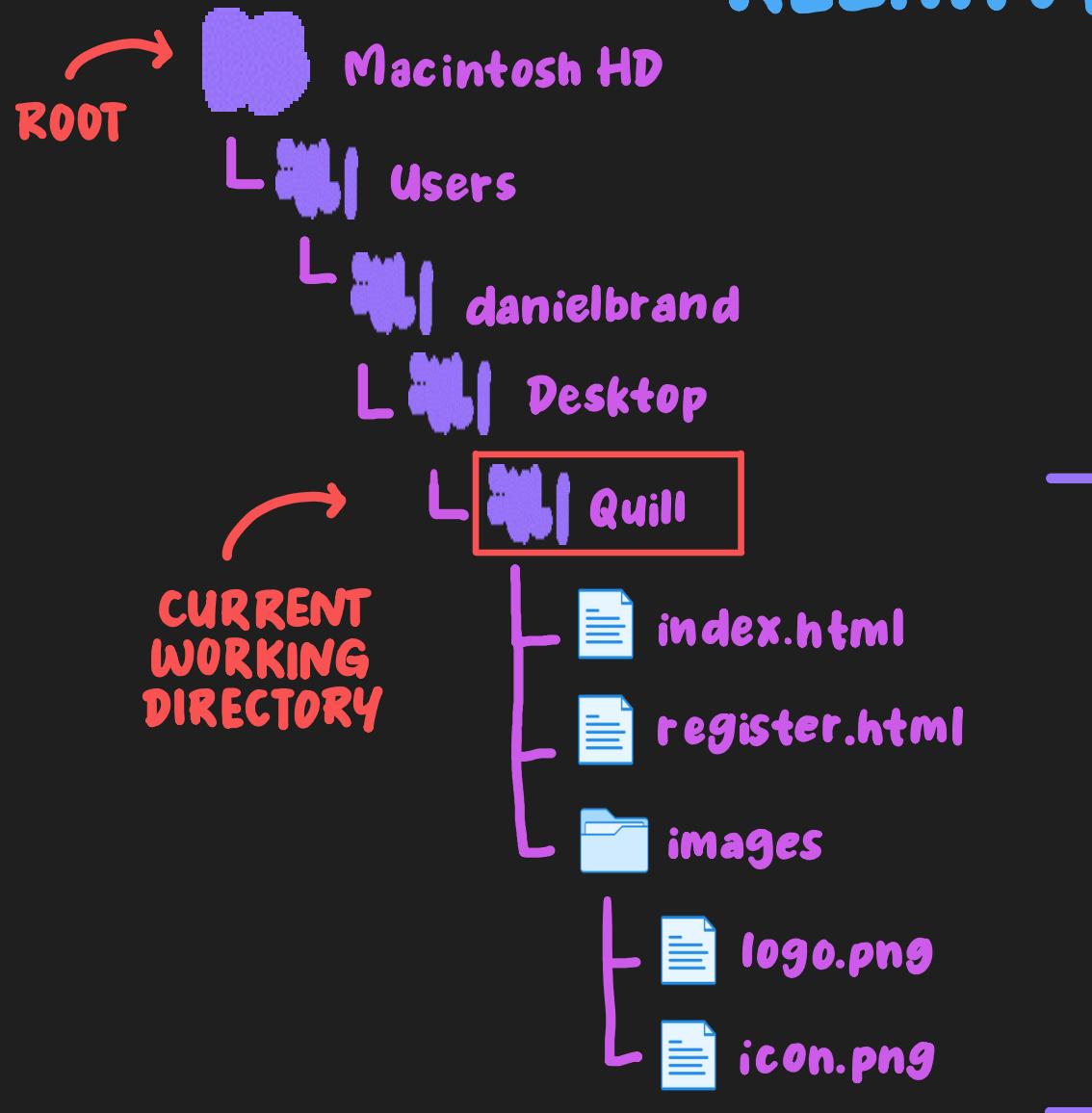
AN ABSOLUTE FILE PATH PROVIDES THE LOCATION OF A FILE OR DIRECTORY STARTING AT THE ROOT DIRECTORY



> MacintoshHD/Users/danielbrand/Desktop/Quill/index.html



# RELATIVE FILE PATHS

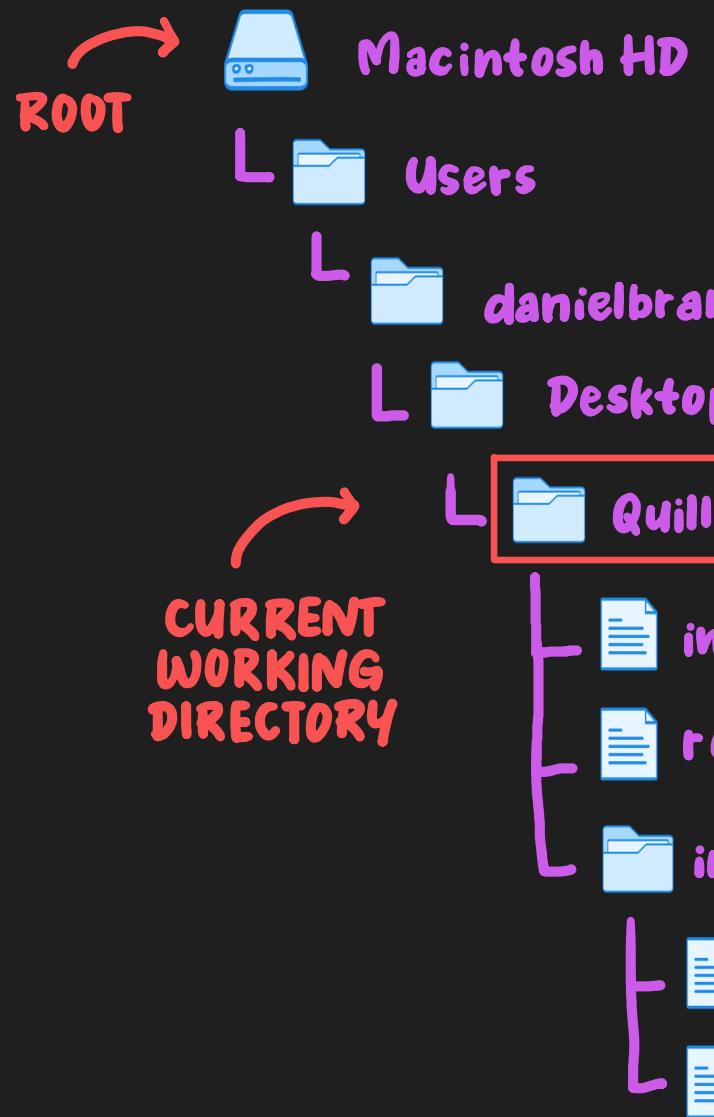


A RELATIVE FILE PATH PROVIDES THE LOCATION OF A FILE OR DIRECTORY IN RELATION TO YOUR CURRENT WORKING DIRECTORY

MOST USEFUL IN WEB DEVELOPMENT AS WE OFTEN WANT TO GET THE LOCATION OF FILE RELATIVE TO WHERE WE ARE WORKING



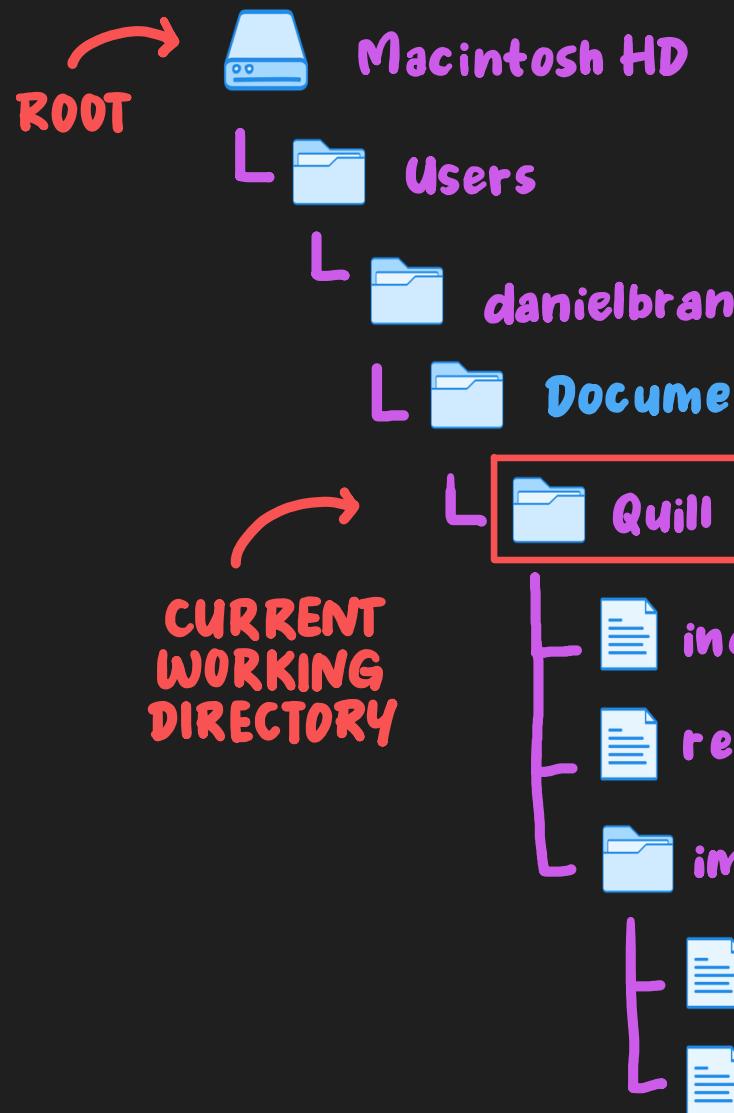
# RELATIVE FILE PATHS



A RELATIVE FILE PATH PROVIDES THE LOCATION OF A FILE OR DIRECTORY IN RELATION TO YOUR CURRENT WORKING DIRECTORY



# RELATIVE FILE PATHS



RELATIVE FILE PATHS REMAIN INTACT  
EVEN IF YOU MOVE THE LOCATION OF  
YOUR CURRENT WORKING DIRECTORY

	STILL WORK	BROKEN
RELATIVE ↵		ABSOLUTE ↵
"index.html"	MacintoshHD/Users/danielbrand/Desktop/Quill/index.html	MacintoshHD/Users/danielbrand/Desktop/Quill/index.html
"register.html"	MacintoshHD/Users/danielbrand/Desktop/Quill/register.html	MacintoshHD/Users/danielbrand/Desktop/Quill/register.html
"images"	MacintoshHD/Users/danielbrand/Desktop/Quill/images	MacintoshHD/Users/danielbrand/Desktop/Quill/images
"images/logo.png"	MacintoshHD/Users/danielbrand/Desktop/Quill/images/logo.png	MacintoshHD/Users/danielbrand/Desktop/Quill/images/logo.png
"images/icon.png"	MacintoshHD/Users/danielbrand/Desktop/Quill/images/icon.png	MacintoshHD/Users/danielbrand/Desktop/Quill/images/icon.png



FILE PATHS, HYPERLINKS & ATTRIBUTES

# HYPERLINKS & ATTRIBUTES

HYPERLINKS AND ANCHOR TAGS

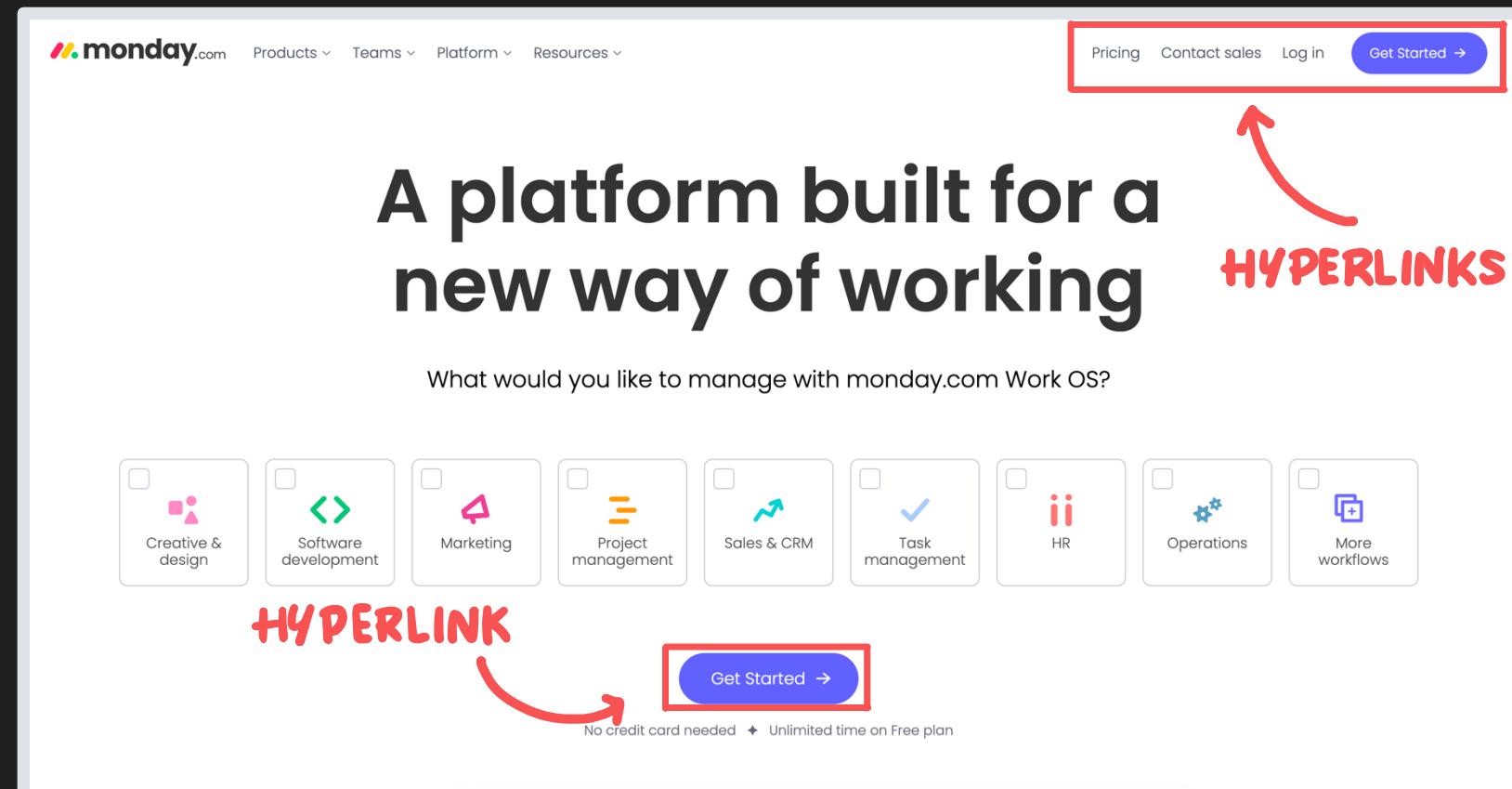
HTML ATTRIBUTES

ABSOLUTE & RELATIVE URLs

HYPERLINKS IN LISTS

# WHAT ARE HYPERLINKS?

A HYPERLINK IS CLICKABLE TEXT, IMAGE OR ELEMENT THAT NAVIGATES USERS TO ANOTHER WEBPAGE



# WHAT ARE HYPERLINKS?

A HYPERLINK IS CLICKABLE TEXT, IMAGE OR ELEMENT THAT NAVIGATES USERS TO ANOTHER WEBPAGE

INTERNAL  
HYPERLINKS



monday.com	Features	monday products	Use cases	Company	Resources
Pricing	Docs	monday work management	Marketing	About us	Help Center
Contact us	Integrations	monday sales CRM	Project management	Careers - We're hiring!	Community
Templates	Automations	monday dev	Sales	monday-U	Blog
SMB	Files		Developers	Press	What's new
Enterprise	Dashboards	More by monday.com	HR	Customer stories	monday spaces
Nonprofits	Kanban	WorkCanvas	IT	Become a partner	Webinars
App marketplace	Gantt	WorkForms	Operations	Sustainability & ESG	Startup for startup
24/7 support			Construction	Affiliates	Global events
				Digital Lift	App development
				Investor relations	Find a partner
					Compare

EXTERNAL  
HYPERLINKS

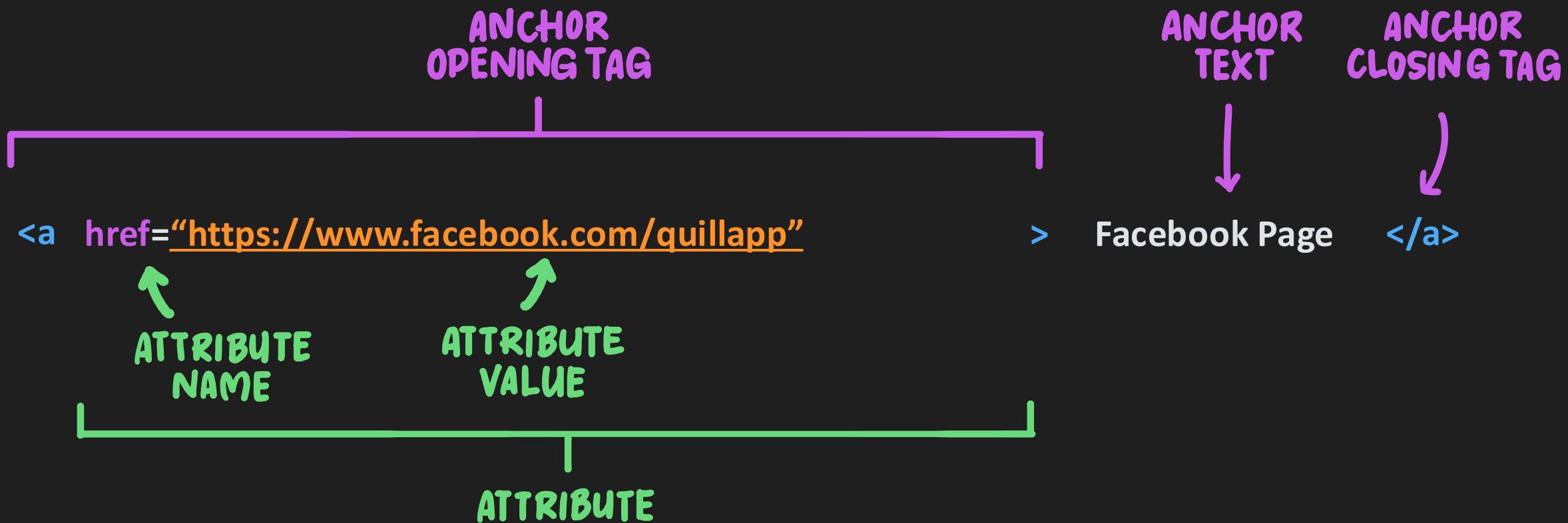


English ▾



# HTML ATTRIBUTES

HTML ATTRIBUTES PROVIDE ADDITIONAL INFORMATION ABOUT AN HTML ELEMENT



# ABSOLUTE AND RELATIVE URLs

ABSOLUTE URL



```
<a href="https://www.facebook.com/quillapp">Facebook Page</a>
```

-----

```
<a href="register">Get Started</a>
```



RELATIVE URL

# HYPERLINKS IN LISTS

```
<ul>  
  <li>  <a href="login"> Login </a> </li>  
  <li>  <a href="register"> Register </a> </li>  
</ul>
```

ANCHOR ELEMENT

LIST TAGS

# QUILL HOMEPAGE



HYPERLINK

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

HYPERLINKS

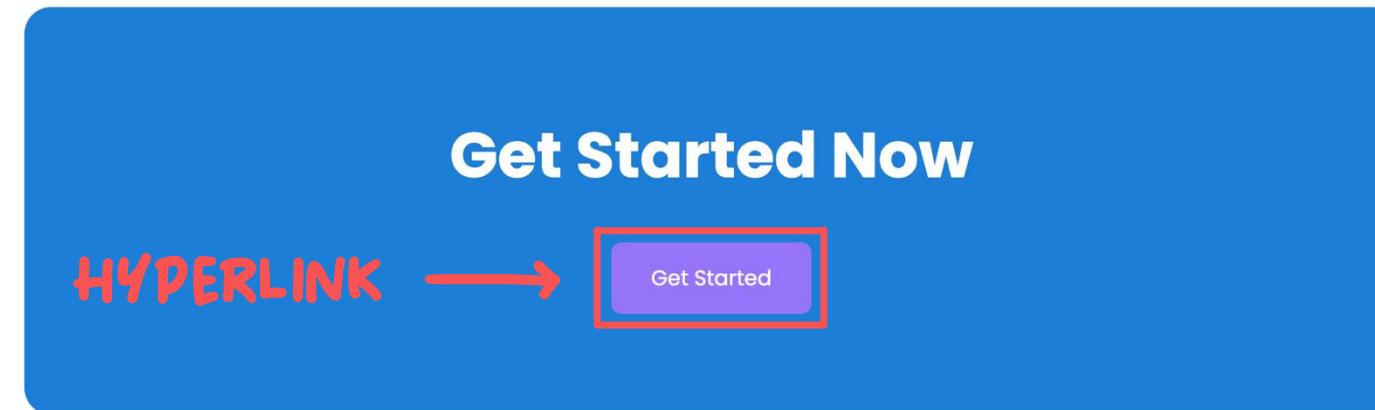
Mindful living for the  
digital world 

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

[Get Started](#)[Learn More](#)

HYPERLINKS

# QUILL HOMEPAGE





FILE PATHS, HYPERLINKS & ATTRIBUTES

# THE ID ATTRIBUTE

WHAT IS THE ID ATTRIBUTE

ANCHOR LINKING

# THE ID ATTRIBUTE

PROVIDES A UNIQUE IDENTIFIER FOR AN ELEMENT



HTML

HELPS US LINK TO A  
SPECIFIC SECTION OF A PAGE



CSS

HELPS US TARGET AND  
STYLE A SPECIFIC ELEMENT



JAVASCRIPT

HELPS US MANIPULATE OR  
GET DATA FROM A SPECIFIC  
ELEMENT

# THE ID ATTRIBUTE

PROVIDES A UNIQUE IDENTIFIER FOR AN ELEMENT

CAN BE ADDED TO ANY ELEMENT

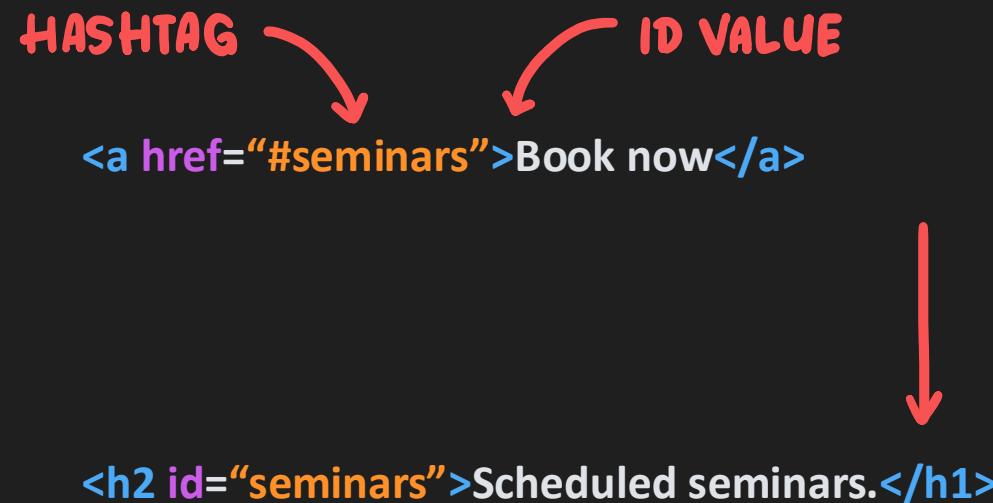
```
<ul id="navigation">
  <li><a href="login">Login</a></li>
  <li><a href="register">Register</a></li>
</ul>
```

VALUE SHOULD ONLY BE USED ONCE

```
<h1 id="main-title">Mindful living for the digital world</h1>
<h2 id="how-it-works">Finally, a simple and easy to use journal app</h2>
```

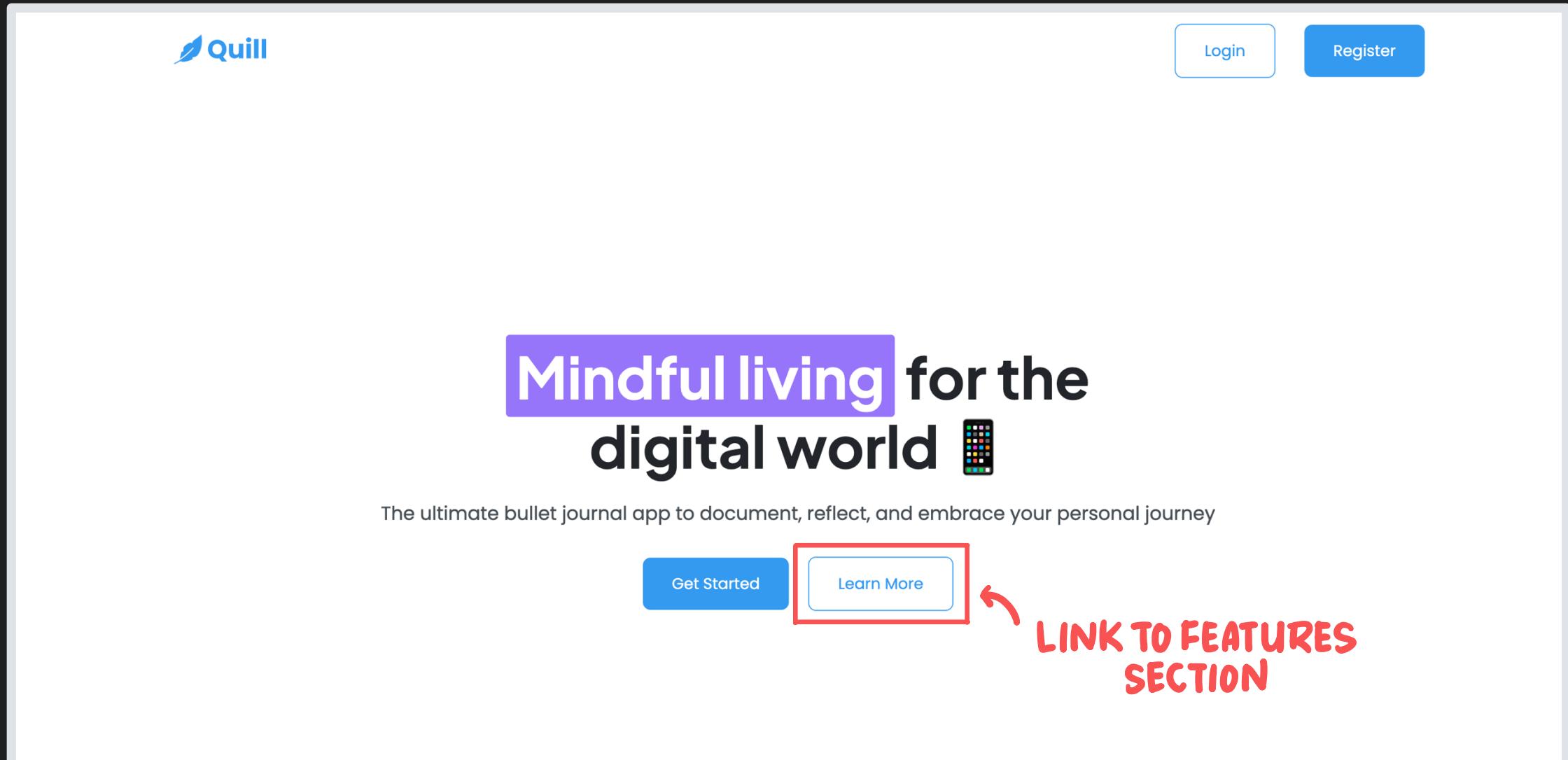
# ANCHOR LINKING

**HYPERLINKS CAN DIRECTLY LINK TO ELEMENTS  
WITH AN ID ATTRIBUTE PRESENT**



**USER IS NAVIGATED TO  
HEADING WHEN CLICKED**

# QUILL HOMEPAGE



The screenshot shows the Quill homepage. At the top left is the Quill logo (a blue feather icon next to the word "Quill"). At the top right are "Login" and "Register" buttons. The main headline is "Mindful living for the digital world" with a smartphone icon. Below it is a sub-headline: "The ultimate bullet journal app to document, reflect, and embrace your personal journey". At the bottom are "Get Started" and "Learn More" buttons. A red arrow points from the text "LINK TO FEATURES SECTION" to the "Learn More" button.

Quill

Login Register

Mindful living for the  
digital world

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

Get Started

Learn More

LINK TO FEATURES SECTION



# SELF-CLOSING TAGS & IMAGES



SELF-CLOSING TAGS & IMAGES

# SELF-CLOSING TAGS

WHAT ARE SELF-CLOSING TAGS

THE HR AND BR TAGS

# WHAT ARE SELF-CLOSING TAGS?

## REGULAR TAG

REQUIRES AN OPENING AND CLOSING TAG TO WRAP CONTENT

PARAGRAPH  
OPENING TAG



```
<p>Paragraph text</p>
```



PARAGRAPH  
CONTENT

PARAGRAPH  
CLOSING TAG



## SELF-CLOSING TAG

THE TAG ITSELF IS THE ELEMENT WITH NO CONTENT TO WRAP

SPACE

FORWARD  
SLASH

```
<meta>
```



BOTH ARE VALID

# THE FULL LIST OF SELF-CLOSING TAGS

THERE ARE NOT THAT MANY!

<area>

<input>

<base>

<link>

<br>

<meta>

<col>

<param>

<embed>

<source>

<hr>

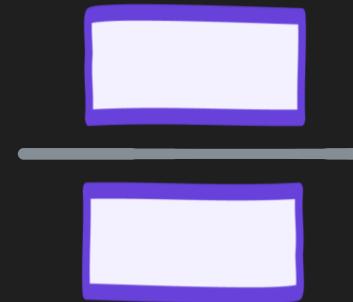
<track>

<img>

<wbr>

ONLY A FEW ARE USED REGULARLY

# HR AND BR TAGS



## HORIZONTAL RULE

CREATES A VISIBLE HORIZONTAL LINE BETWEEN CONTENT

<hr> OR <hr />

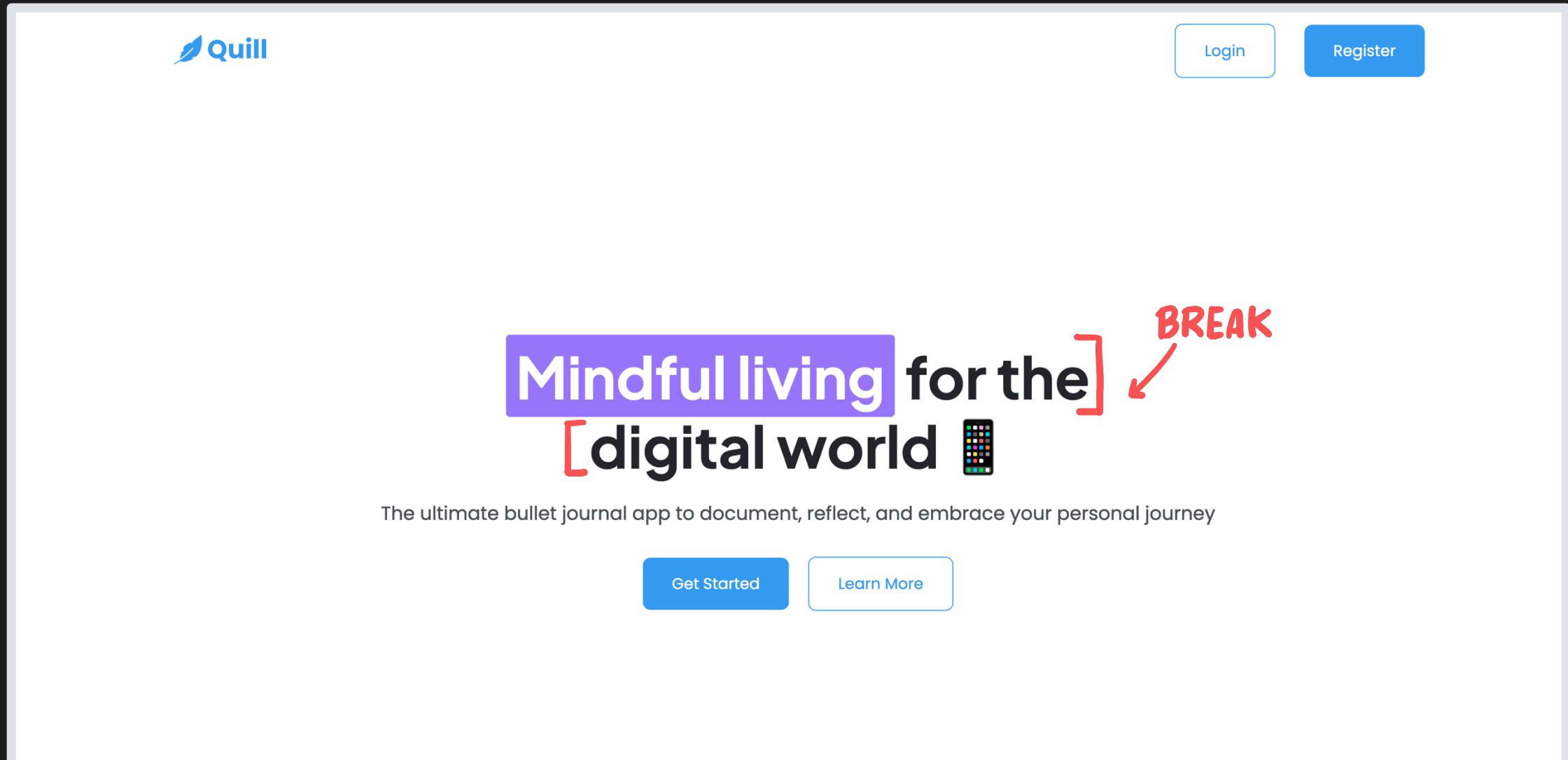


## LINE BREAK

CREATES A LINE BREAK BETWEEN CONTENT

<br> OR <br />

# QUILL HOMEPAGE



The screenshot shows the Quill homepage. At the top left is the Quill logo (a blue feather icon next to the word "Quill"). At the top right are "Login" and "Register" buttons. The main headline reads "Mindful living for the digital world" with a smartphone icon. A red bracket highlights the word "the", and a red arrow labeled "BREAK" points to it. Below the headline is a subtitle: "The ultimate bullet journal app to document, reflect, and embrace your personal journey". At the bottom are "Get Started" and "Learn More" buttons.

Quill

Login Register

Mindful living for the digital world

BREAK

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

Get Started Learn More

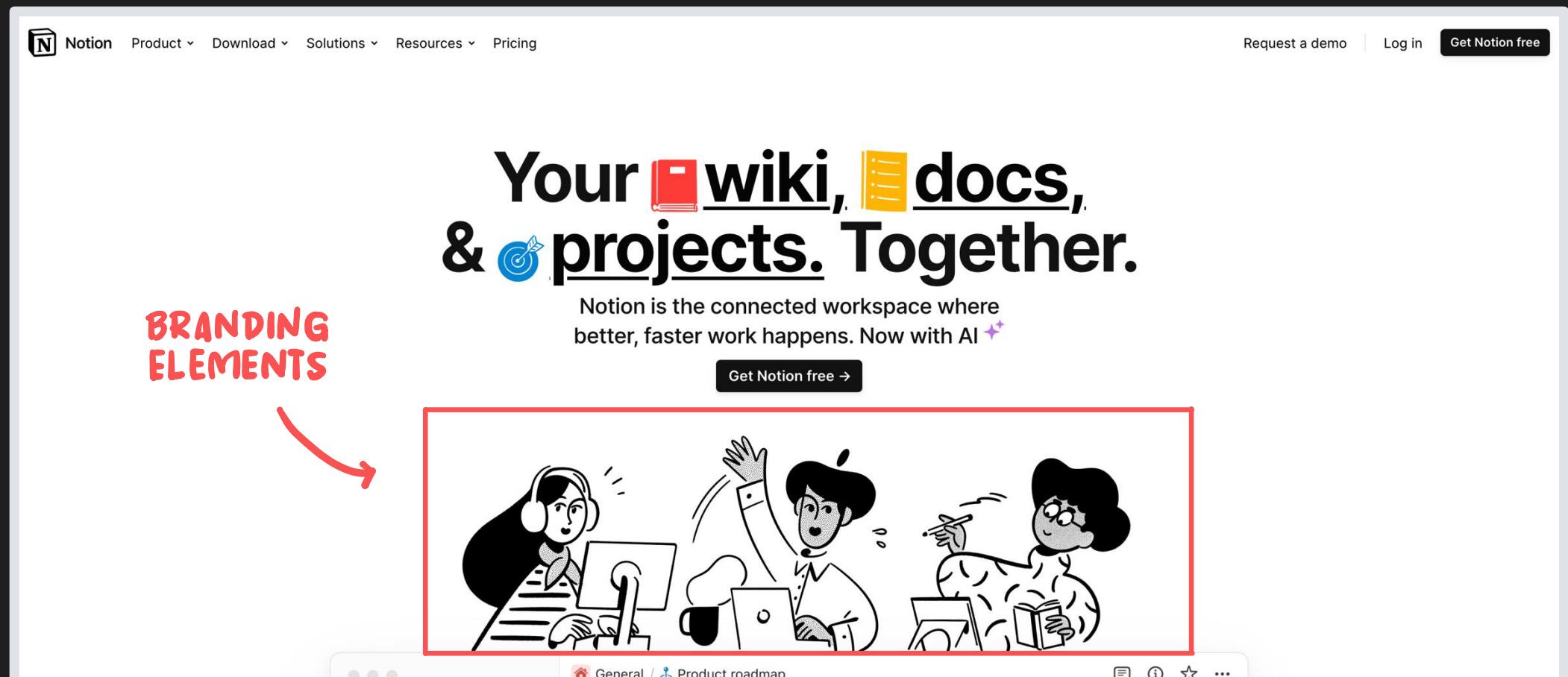


# SELF-CLOSING TAGS & IMAGES IMAGES

HOW IMAGES ARE USED IN WEB DESIGN  
THE IMAGE TAG  
ABSOLUTE & RELATIVE URLs

# IMAGES

IMAGES ADD VISUAL IDENTITY ESSENTIAL FOR BRANDING  
AND CAN AID IN ILLUSTRATING CONCEPTS EASILY



The image shows the Notion homepage. At the top, there's a navigation bar with the Notion logo, 'Product', 'Download', 'Solutions', 'Resources', 'Pricing', 'Request a demo', 'Log in', and a 'Get Notion free' button. The main headline reads 'Your wiki, docs, & projects. Together.' Below it, a sub-headline says 'Notion is the connected workspace where better, faster work happens. Now with AI ✨'. There's a 'Get Notion free →' button and a cartoon illustration of three people working on laptops. A red arrow points from the text 'BRANDING ELEMENTS' to the Notion logo in the top left corner of the page.

BRANDING ELEMENTS

Your wiki, docs, & projects. Together.

Notion is the connected workspace where better, faster work happens. Now with AI ✨

Get Notion free →



# IMAGES

IMAGES ADD VISUAL IDENTITY ESSENTIAL FOR BRANDING AND CAN AID IN ILLUSTRATING CONCEPTS EASILY

The screenshot shows the Notion website interface. On the left, there's a sidebar with a 'Docs' section featuring a cartoon character holding a document. A red arrow labeled 'BRANDING ELEMENTS' points to this character. The main content area shows a 'Meeting notes' page titled 'Stand-up @Today'. A red box labeled 'PRODUCT ILLUSTRATION' highlights the yellow hand icon used in the page header. The Notion navigation bar at the top includes links for Notion, Product, Download, Solutions, Resources, Pricing, Request a demo, Log in, and Get Notion free.

**BRANDING ELEMENTS**

**PRODUCT ILLUSTRATION**

Notion Product ▾ Download ▾ Solutions ▾ Resources ▾ Pricing Request a demo Log in Get Notion free

**Docs**  
Simple. Powerful. Beautiful. Communicate more efficiently with next generation docs.  
Explore →

Acme Inc. Search Updates All teamspaces Settings & members

General Engineering Engineering wiki Meeting notes Projects Design Product Marketing Sales HR & Legal

Engineering / Meeting notes

Stand-up @Today

Team Platform

Participants Emily Yang Faye Rasmussen Keisha Fourier

Last edited January 23, 2023 10:28AM

Add a comment...

**Agenda**

- Welcoming new team members
- Q2 platform metrics overview

**Action items**

- @Carlo Kaufmann to share survey
- Teams to update Roadmap
- OKRs due by @Next Tuesday



# IMAGES

IMAGES ADD VISUAL IDENTITY ESSENTIAL FOR BRANDING AND CAN AID IN ILLUSTRATING CONCEPTS EASILY

Notion Product Download Solutions Resources Pricing Request a demo Log in Get Notion free

REAL LIFE IMAGERY



Community meet-up in Tokyo

Oliver Peyre @opeyre

@NotionHQ Truly impressed by the velocity and quality of your work. Making using Notion even more fun week after week!

Deborah Mecca @DebMecca

I used to HATE documenting things. And then I started using @NotionHQ and I document a lot. A LOT A LOT. Now I just realize that it wasn't that I hated documenting, I just hated Google Docs.

André Blackman @mindofandre

One of the most incredible things about @NotionHQ is the dynamic community being built - creating and sharing at its best.

REAL LIFE IMAGERY

# THE IMAGE TAG



# ABSOLUTE AND RELATIVE URLs

ABSOLUTE URL



```

```

-----

```

```



RELATIVE URL

# QUILL HOMEPAGE

Finally, a **simple and easy** to use journal app

**Write all your journals in a few clicks**

I'm baby bushwick health goth plaid try-hard, JOMO schlitz taiyaki austin whatever offal raw denim four loko fit.

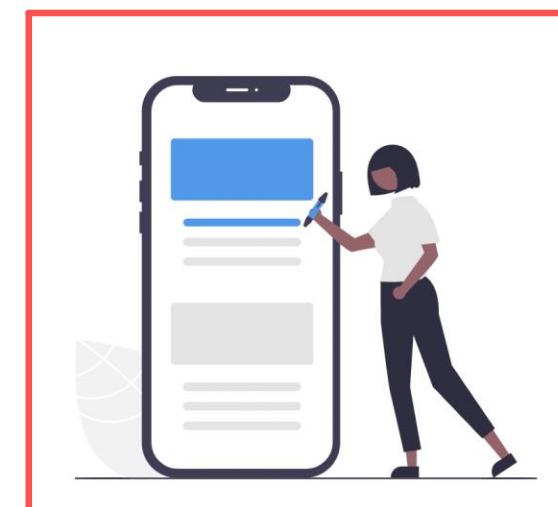


IMAGE  
↓



SELF-CLOSING TAGS & IMAGES

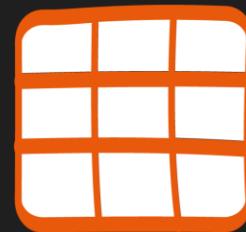
SVG

COMPARING BITMAP & VECTOR IMAGES

THE SVG TAG

HOW TO USE SVG

# IMAGE FORMATS



RASTER

BITMAP

A GRID OF PIXELS WITH EACH PIXEL  
ASSIGNED A COLOUR VALUE

RESOLUTION DEPENDENT

PHOTOGRAPHS

JPG PNG

# BITMAP IMAGES

Notion Product ▾ Download ▾ Solutions ▾ Resources ▾ Pricing Request a demo Log in Get Notion free

**REAL LIFE IMAGERY** ←



Community meet-up in Tokyo

Deborah Mecca @DebMecca

I used to HATE documenting things. And then I started using @NotionHQ and I document a lot. A LOT A LOT. Now I just realize that it wasn't that I hated documenting, I just hated Google Docs.

André Blackman @mindofandre

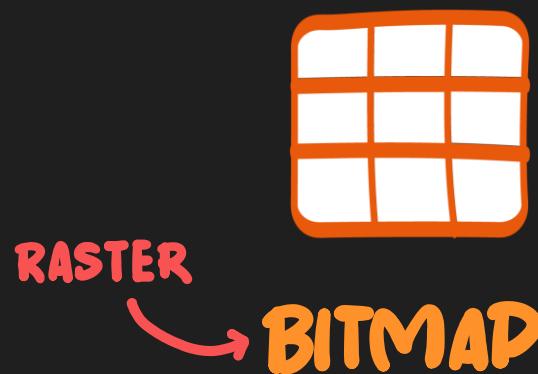
One of the most incredible things about @NotionHQ is the dynamic community being built - creating and sharing at its best.

Oliver Peyre @opeyre

@NotionHQ Truly impressed by the velocity and quality of your work. Making using Notion even more fun week after week!

REAL LIFE IMAGERY

# IMAGE FORMATS

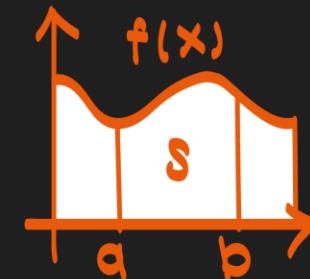


A GRID OF PIXELS WITH EACH PIXEL ASSIGNED A COLOUR VALUE

RESOLUTION DEPENDENT

PHOTOGRAPHS

JPG PNG



VECTOR

MATHEMATICAL EQUATIONS AND INSTRUCTIONS FOR RENDERING SHAPES, PATHS AND COLOURS

RESOLUTION INDEPENDENT

LOGOS AND ICONS

SVG AI

# VECTOR IMAGES

The screenshot shows the Notion website's navigation bar and a portion of its main content area. Handwritten red annotations highlight specific elements: 'LOGO' points to the Notion logo icon, and 'SOCIAL ICONS' points to a row of social media icons (Instagram, Twitter, LinkedIn, Facebook, YouTube) and a language selection dropdown for English.

**Notion** Product ▾ Download ▾ Solutions ▾ Resources ▾ Pricing Request a demo Log in Get Notion free

**LOGO**

**SOCIAL ICONS**

Product	Download	Get started
Wikis	iOS & Android	Switch from Confluence
Projects	Mac & Windows	Switch from Asana
Docs	Web Clipper	Switch from Evernote
Notion AI		Compare vs Monday
What's new		Compare vs Clickup
	<b>Build</b>	Compare vs Jira
	Integrations	
Solutions	Templates	Resources
Enterprise	API docs	Pricing
Small business	Guides & tutorials	About us
Personal use	Find a consultant	Careers
Remote work	Become an affiliate	Media kit
Startups		
Education	<b>Learn</b>	Email us
Nonprofits	Customer stories	Security
Engineering	Help center	Cookie settings
Product	Webinars	Terms & privacy
Design	Blog	California Privacy Notice
Managers	Community	Status

Do Not Sell or Share My Info

# THE SVG TAG

```
<svg style="stroke-width: 1.5; fill: none;">  
  <path d="M2.25 12l8.954-8.955c.44-.439 1.152-.439" />  
</svg>
```

# USING SVGS

## INLINE

index.html

```
<svg fill="none" stroke-width="1.5">  
|   <path d="m8.25 4.5 7.5 7.5-7.5 7.5" />  
</svg>
```

SEPARATION OF CONCERNSPERFORMANCE

PREFERRED OPTION



## IMG ELEMENT

index.html

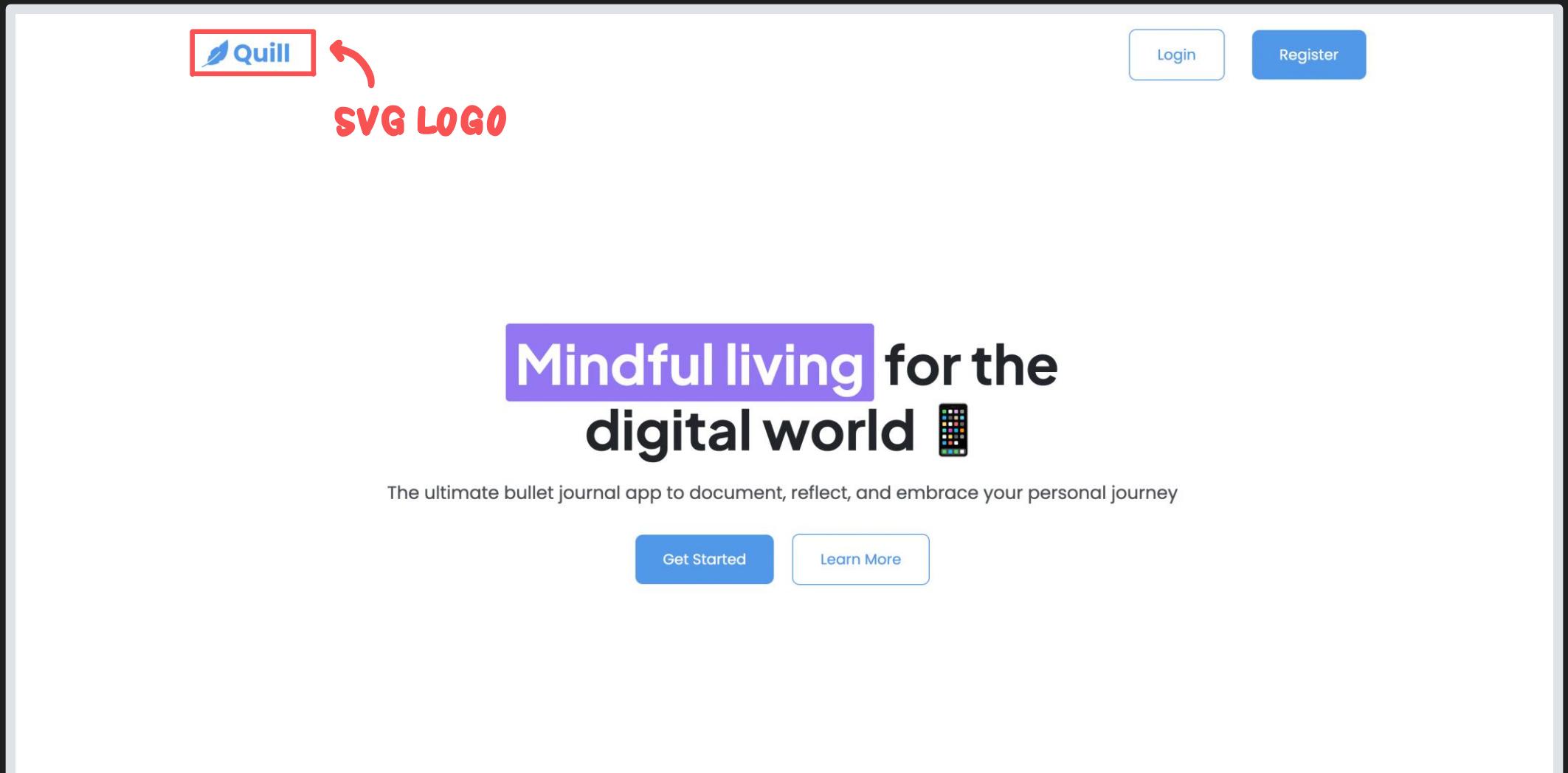
```

```

images/logo.svg

```
<svg fill="none" stroke-width="1.5">  
|   <path d="m8.25 4.5 7.5 7.5-7.5 7.5" />  
</svg>
```

# QUILL HOMEPAGE



The image shows a screenshot of a Quill homepage. At the top left is a red-bordered logo containing a blue feather icon and the word "Quill". To its right is a red curved arrow pointing towards the text "SVG LOGO" below it. On the far right are "Login" and "Register" buttons. The main title "Mindful living for the digital world" is centered in a purple box, with a small smartphone icon next to the word "world". Below the title is a subtitle: "The ultimate bullet journal app to document, reflect, and embrace your personal journey". At the bottom are "Get Started" and "Learn More" buttons.

Quill

SVG LOGO

Login Register

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

Get Started Now

Get Started

SVG LOGO



Home Login Register

SVG ICONS



HTML  
FORMS



HTML FORMS

# FORM STRUCTURE

DIFFERENT FORM ELEMENTS

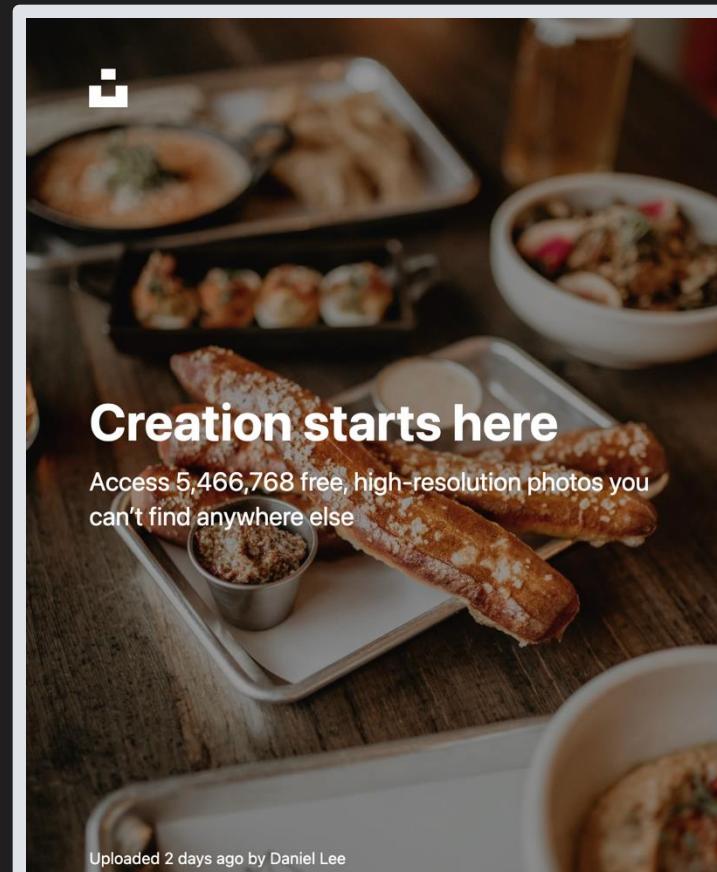
FORM SUBMISSION

THE FORM TAG



# WHAT ARE FORMS?

**FORMS COLLECT AND SUBMIT USER PROVIDED DATA  
AND SEND IT TO A WEB SERVER FOR PROCESSING**



## Join Unsplash

Already have an account? [Login](#)

Join using Facebook

OR

First name  Last name

Email

Username (only letters, numbers, and underscores)

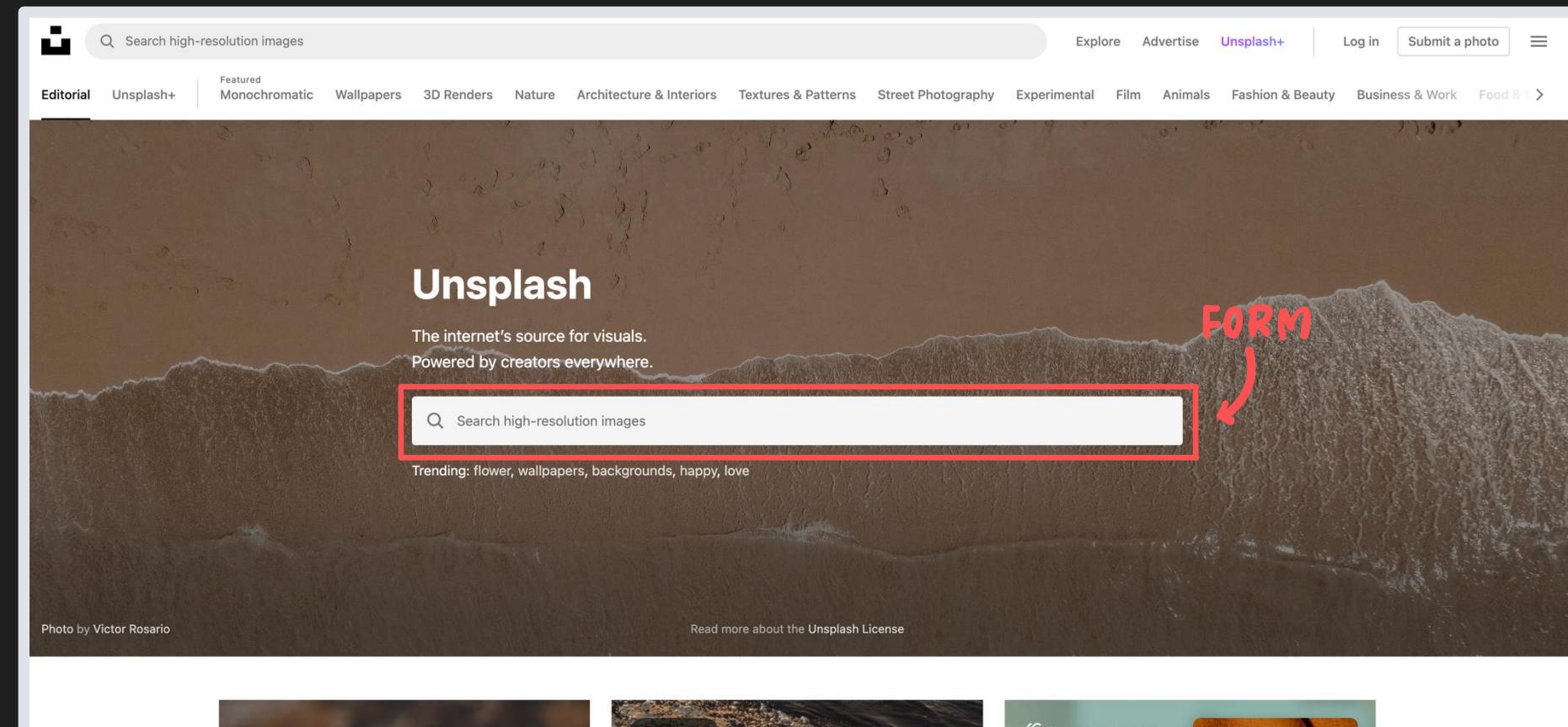
Password (min. 8 char)

[Join](#)

FORM  
↓

# WHAT ARE FORMS?

**FORMS COLLECT AND SUBMIT USER PROVIDED DATA  
AND SEND IT TO A WEB SERVER FOR PROCESSING**



# FORM ELEMENTS

FORMS ACT AS A CONTAINER FOR VARIOUS FORM ELEMENTS THAT ALLOW USERS TO INPUT DIFFERENT TYPES OF DATA

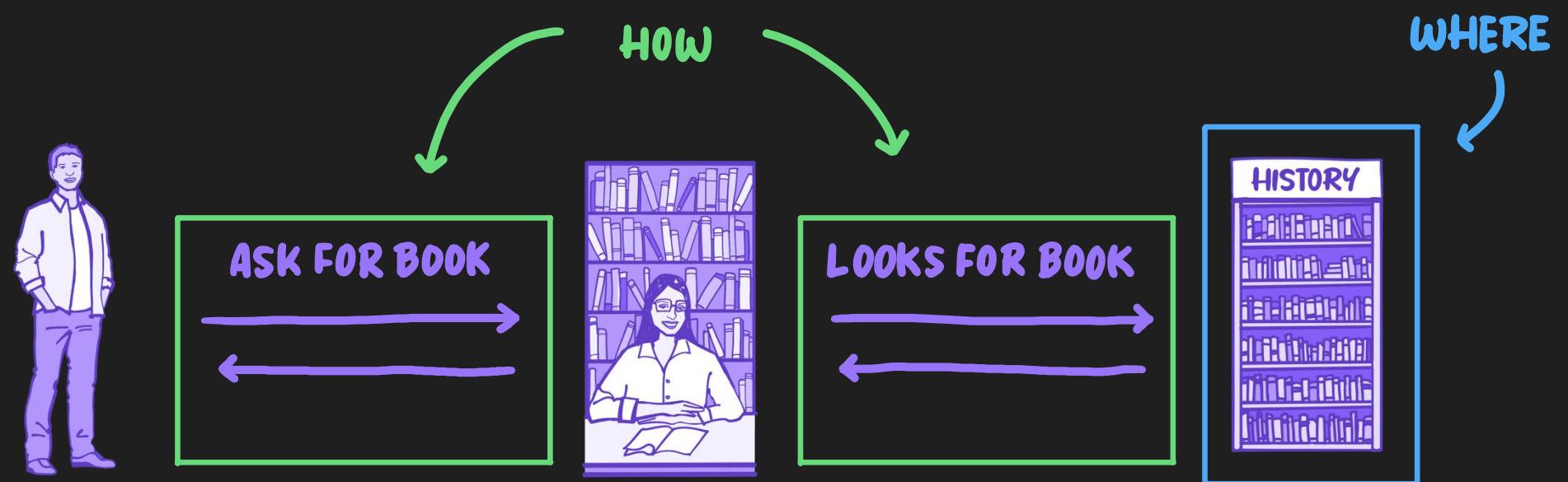
The image shows a screenshot of an Asana contact form. On the left, there's a sidebar with the Asana logo and a 'Get started' button. The main form area has a heading 'Talk with our sales team' and a sub-instruction: 'Fill out your information and an Asana representative will reach out to you. Have a simple question? [Check out our FAQ.](#)' Below this, several form fields are displayed:

- INPUTS:** Two text input fields for 'First Name' and 'Last Name', both marked with a red asterisk indicating they are required. The 'First Name' field contains 'e.g., John' and the 'Last Name' field contains 'Smith'.
- DROPPDOWNNS:** Two dropdown menus for 'Country' (set to 'United Kingdom') and 'Company Size'.
- TEXT AREA:** A large text area labeled 'What would you like to discuss?' with a placeholder text: 'Tell us about your team and provide some details about a project or process you would like to track in Asana.'
- BUTTON:** A single button at the bottom labeled 'Submit'.

A red bracket on the right side of the form groups all these elements under the label 'FORM'.

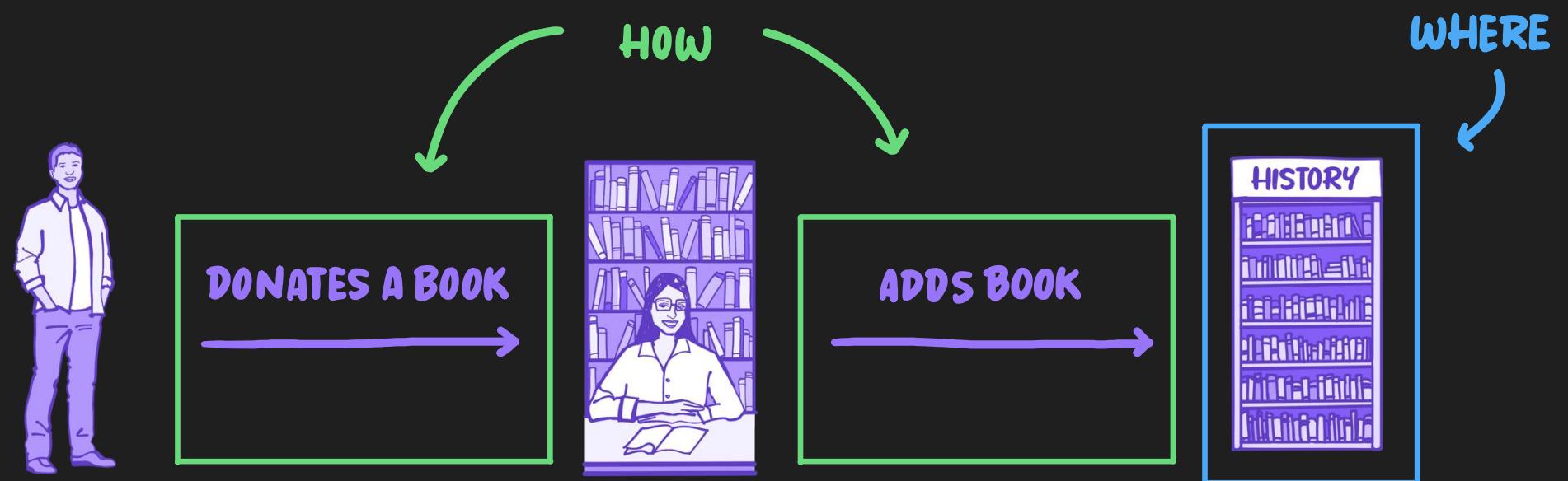
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# THE FORM TAG

WHERE

## ACTION ATTRIBUTE

SPECIFIES THE LOCATION ON THE SERVER WHERE THE DATA WILL BE SENT FOR PROCESSING

HOW

## METHOD ATTRIBUTE

DETERMINES THE HTTP METHOD USED FOR HANDLING THE FORM DATA

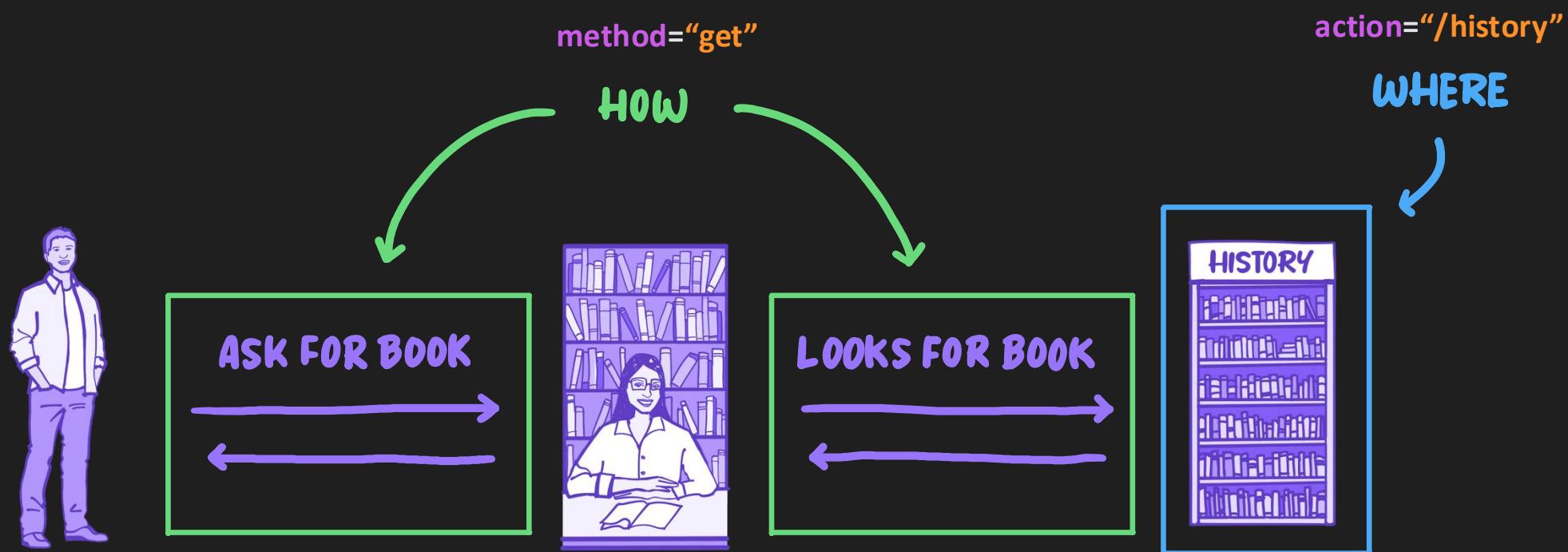
```
<form action="/api/v1/journals">  
    <!-- form elements -->  
  </form>
```

```
    method="post" >
```

GET POST  
PUT DELETE

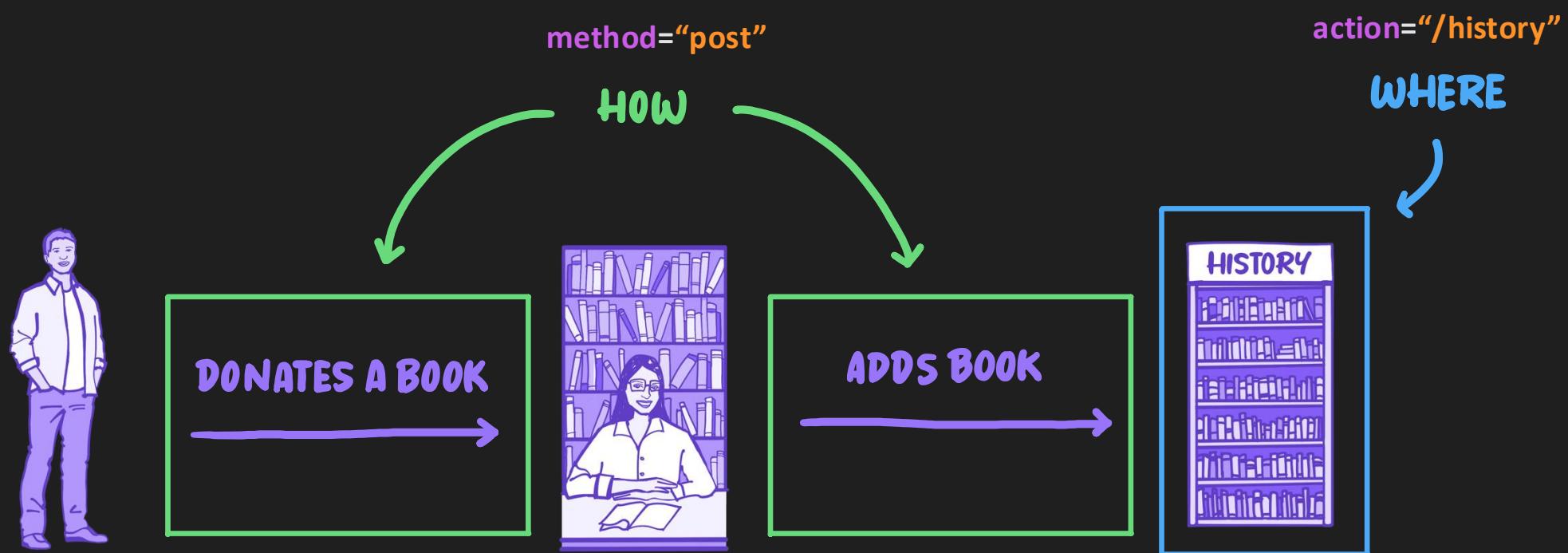
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# QUILL CREATE JOURNAL PAGE

The screenshot shows a web page titled "Create Journal". The page features a form with three main input fields: "Title", "Journal Type", and "Entry". A red box highlights the entire form area. A red arrow labeled "FORM" points to the top right corner of this red box. Below the form are two buttons: "Cancel" (in a light blue box) and "Submit" (in a blue box).

Quill

Create Journal

Title

Journal Type

reflection

Entry

Cancel

Submit

FORM



HTML FORMS

# FORM INPUTS

DIFFERENT FORM ELEMENTS

INPUT TYPES

THE INPUT TAG

FORM SUBMISSION WITH INPUTS

# FORM ELEMENTS

THERE ARE 3 MAIN HTML ELEMENTS THAT ALLOW USERS TO ENTER OR SELECT DATA IN A FORM

INPUTS



A LOT OF THESE!

TEXT AREA

EUR
AUD
GBP
USD

DROPODOWN

# FORM ELEMENTS

FORMS WILL OFTEN CONTAIN A MIX OF THESE ELEMENTS

The image shows a contact form from Asana. On the left, there's a heading "Talk with our sales team" and a paragraph of explanatory text. Three labels are overlaid on the right side of the form: "INPUTS" points to a group of four input fields (First Name, Last Name, Company Email, Phone Number) which are highlighted with a purple border; "DROPSWNS" points to two dropdown menus (Country, Company Size) which are highlighted with a green border; and "TEXTAREA" points to a large text area labeled "What would you like to discuss?" which is highlighted with a blue border. At the bottom, there's a checkbox agreement and a "Submit" button.

asana

Get started

Talk with our sales team

Fill out your information and an Asana representative will reach out to you. Have a simple question? [Check out our FAQ.](#)

INPUTS

DROPSWNS

TEXTAREA

First Name: \* Last Name \*

e.g., John Smith

Company Email \* Phone Number

name@company.com +1 555 655 5656

Country \* Company Size \*

United Kingdom Select...

What would you like to discuss? \*

Tell us about your team and provide some details about a project or process you would like to track in Asana.

By checking the box and clicking "Submit", you are agreeing to Asana's [Privacy Statement](#). \*

Submit

# INPUT TYPES

## TEXTUAL

TEXT

PASSWORD

EMAIL

DATE

TEL

NUMBER

## BINARY



I accept

checkbox



MasterCard

radio

## FILE INPUT

Choose file

No file chosen

file

## MISCELLANEOUS

range

color



# INPUT TYPES

## THERE ARE A LOT OF INPUT TYPES

The screenshot shows an Asana contact form with several input fields highlighted by red arrows and labels:

- TEXT**: Points to the "First Name" and "Last Name" input fields.
- EMAIL**: Points to the "Company Email" input field.
- CHECKBOX**: Points to the "By checking the box and clicking "Submit", you are agreeing to Asana's Privacy Statement." checkbox at the bottom.
- TEXT**: Points to the "Phone Number" input field.
- TEL**: Points to the "Phone Number" input field, indicating it's for telephone numbers.

**Form Fields:**

- First Name: \* e.g., John
- Last Name: \* Smith
- Company Email: \* name@company.com
- Phone Number: +1 555 655 5656
- Country: \* United Kingdom
- Company Size: \* Select...
- What would you like to discuss?: \*
- Text area: Tell us about your team and provide some details about a project or process you would like to track in Asana.
- Privacy Statement Checkbox: By checking the box and clicking "Submit", you are agreeing to Asana's Privacy Statement. \*

**Buttons:**

- Get started
- Submit

# THE INPUT TAG

```
<input type="text" name="title" placeholder="Enter title">
```

## TYPE ATTRIBUTE

SPECIFIES THE TYPE OF INPUT

REQUIRED

type="email"  
type="password"  
type="date"

## NAME ATTRIBUTE

ASSIGNS IDENTIFIER FOR DATA COLLECTION

REQUIRED WHEN SENDING DATA TO A SERVER

name="email"  
name="user-password"  
name="name"

## OTHER ATTRIBUTES

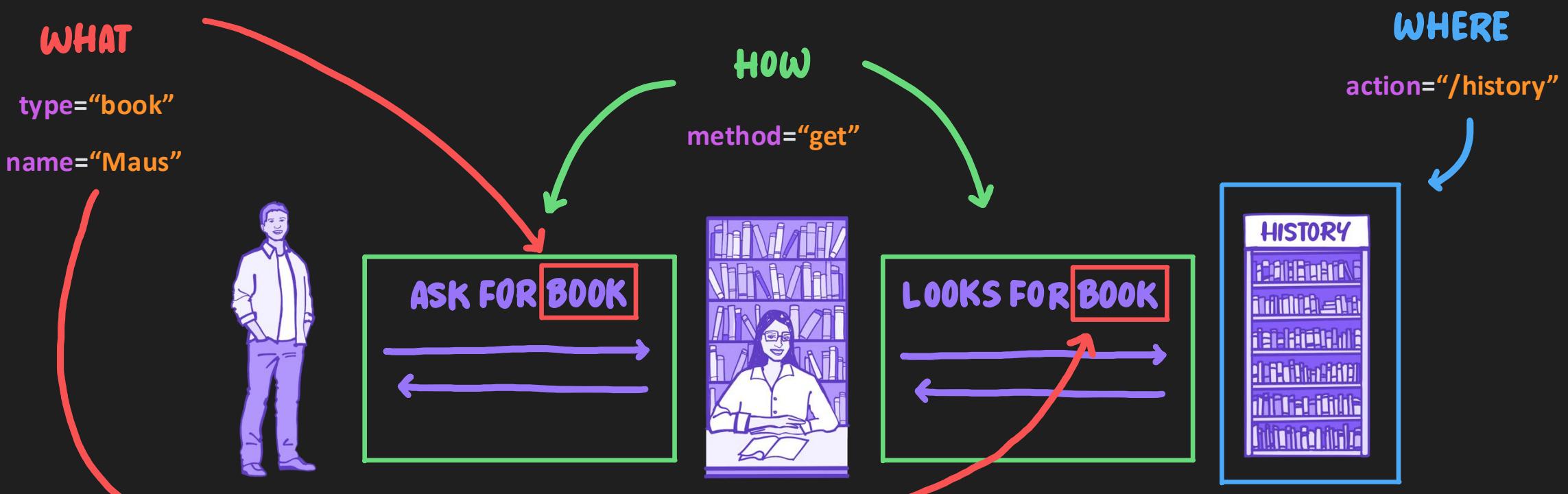
OTHER ATTRIBUTES WE CAN USE

OPTIONAL

value  
maxlength="10"  
required  
disabled  
NO VALUE

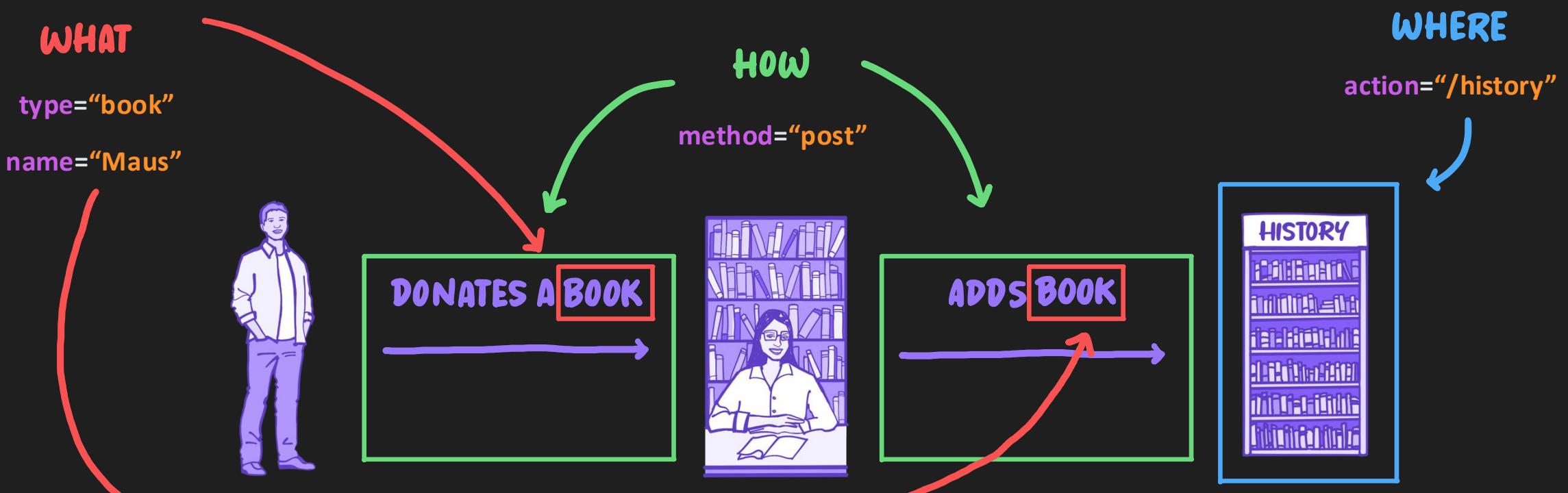
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



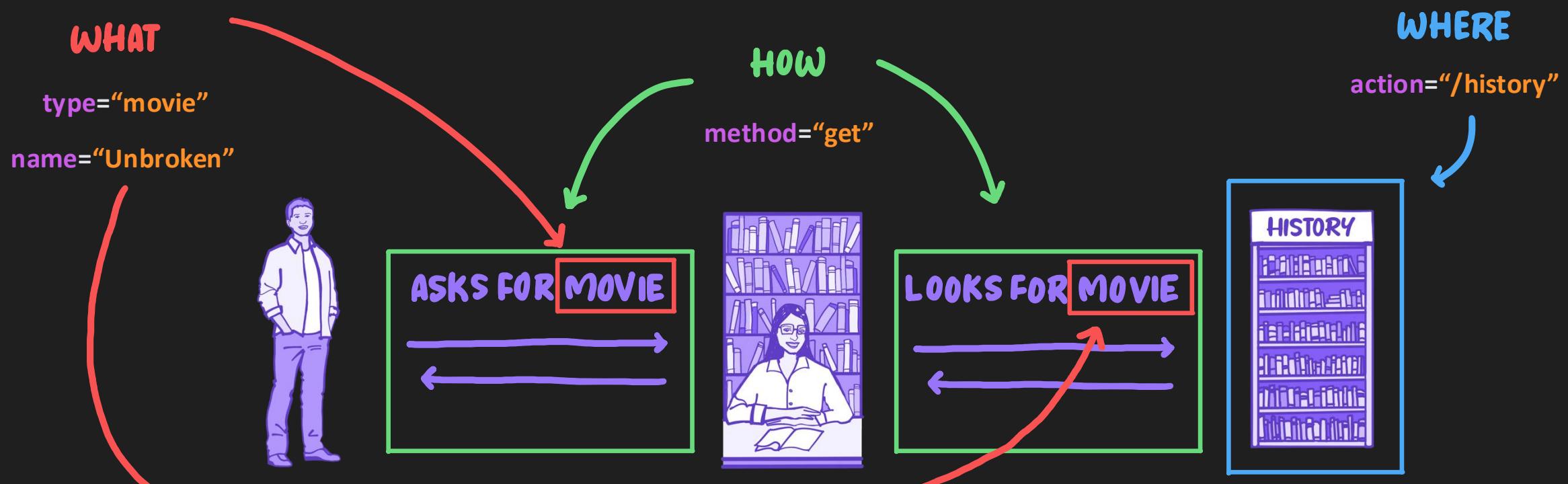
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



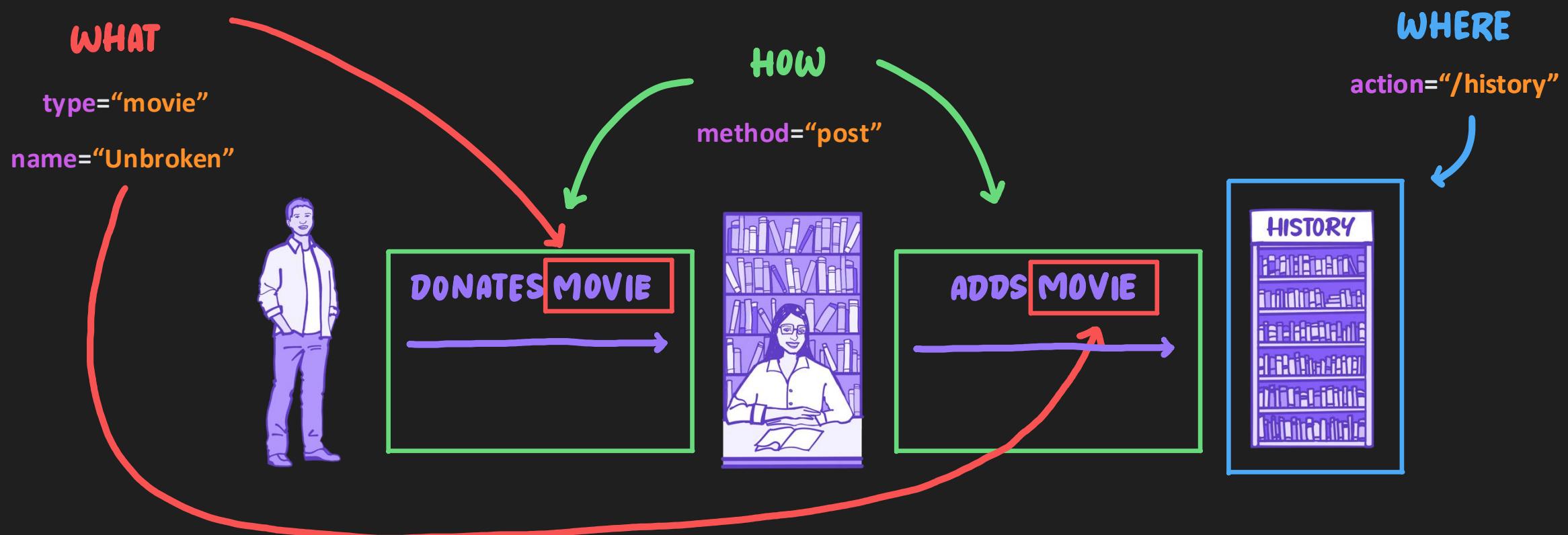
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# QUILL CREATE JOURNAL PAGE

The screenshot shows a 'Create Journal' form on a Quill application. The form includes fields for 'Title', 'Journal Type', and 'Entry'. The 'Title' field is highlighted with a red border, and a red arrow labeled 'INPUT' points to it, indicating where user input is required. The 'Journal Type' field contains the value 'reflection'. The 'Entry' field is a large text area. At the bottom, there are 'Cancel' and 'Submit' buttons.

Quill

Create Journal

Title

Journal Type

reflection

Entry

Cancel

Submit

INPUT



HTML FORMS

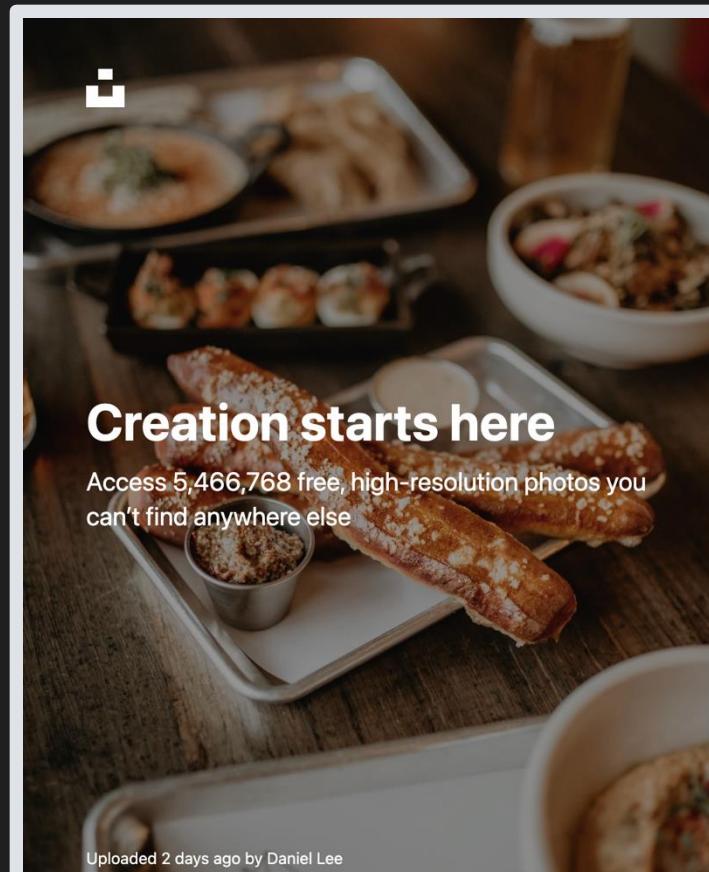
# FORM LABELS

THE PURPOSE OF FORM LABELS

THE LABEL TAG

# FORM LABELS

LABELS IMPROVE ACCESSIBILITY AND USABILITY OF FORMS



Join Unsplash

Already have an account? [Login](#)

Join using Facebook

OR

First name

Last name

Email

Username (only letters, numbers, and underscores)

Password (min. 8 char)

CONNECT

LABELS

Join

# THE LABEL TAG

SPECIFICALLY  
USED IN LABELS

```
<label for="main-title">Journal Title</label>
```

↑ CONNECTS LABEL TO INPUT

```
<input id="main-title" type="text" name="title" placeholder="Enter title" >
```

↑  
IDENTIFIES AN  
ELEMENT

# QUILL CREATE JOURNAL PAGE

The image shows a screenshot of a Quill application's "Create Journal" page. The page has a dark header with the Quill logo and navigation icons. The main title is "Create Journal". Below it, there are three input fields: "Title", "Journal Type", and "Entry". The word "LABELS" is written in red capital letters on the left side, with three red arrows pointing to the top of each input field: "Title", "Journal Type", and "Entry".

Quill

Create Journal

Labels

Title

Journal Type

Entry

Cancel

Submit



HTML FORMS

# TEXTAREA

DIFFERENT FORM ELEMENTS

WHAT IS A TEXTAREA

THE TEXTAREA TAG

# FORM ELEMENTS

THERE ARE 3 MAIN HTML ELEMENTS THAT ALLOW USERS TO ENTER OR SELECT DATA IN A FORM

INPUTS



A LOT OF THESE!

TEXT AREA

▼

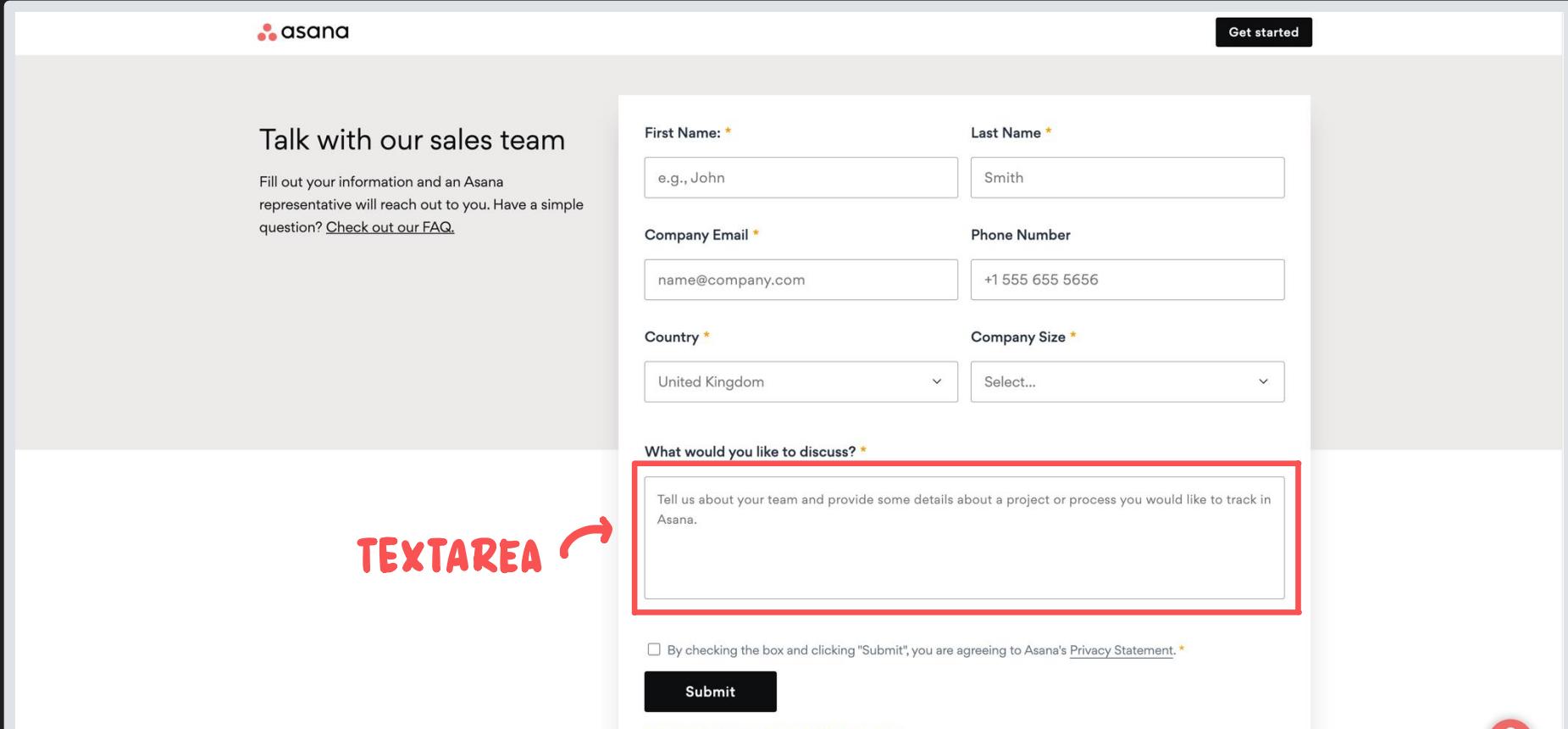
EUR
AUD
GBP
USD

DROPODOWN

# WHAT IS A TEXTAREA?

AN ELEMENT USED FOR MULTILINE TEXT INPUT USED FOR COMMENTS AND LONGER MESSAGES

NOT AN HTML INPUT



The image shows a screenshot of an Asana contact form. At the top left is the Asana logo. On the right is a "Get started" button. Below the logo, the heading "Talk with our sales team" is displayed, followed by a paragraph of explanatory text. To the right of this text is a form with several input fields: "First Name" and "Last Name" (both with placeholder text "e.g., John" and "Smith"), "Company Email" (placeholder "name@company.com") and "Phone Number" (placeholder "+1 555 655 5656"), "Country" (dropdown menu showing "United Kingdom") and "Company Size" (dropdown menu showing "Select..."). At the bottom of the form is a large text area labeled "What would you like to discuss?" with a placeholder text "Tell us about your team and provide some details about a project or process you would like to track in Asana." This text area is highlighted with a red border and a red arrow points to it from the word "TEXTAREA" on the left. At the very bottom of the form is a checkbox agreement statement and a "Submit" button.

asana

Get started

Talk with our sales team

Fill out your information and an Asana representative will reach out to you. Have a simple question? [Check out our FAQ.](#)

First Name: \*

e.g., John

Last Name \*

Smith

Company Email \*

name@company.com

Phone Number

+1 555 655 5656

Country \*

United Kingdom

Company Size \*

Select...

What would you like to discuss? \*

Tell us about your team and provide some details about a project or process you would like to track in Asana.

By checking the box and clicking "Submit", you are agreeing to Asana's [Privacy Statement](#). \*

Submit

TEXTAREA

# THE TEXTAREA TAG

```
<textarea> </textarea>
```



OPENING TAG CLOSING TAG



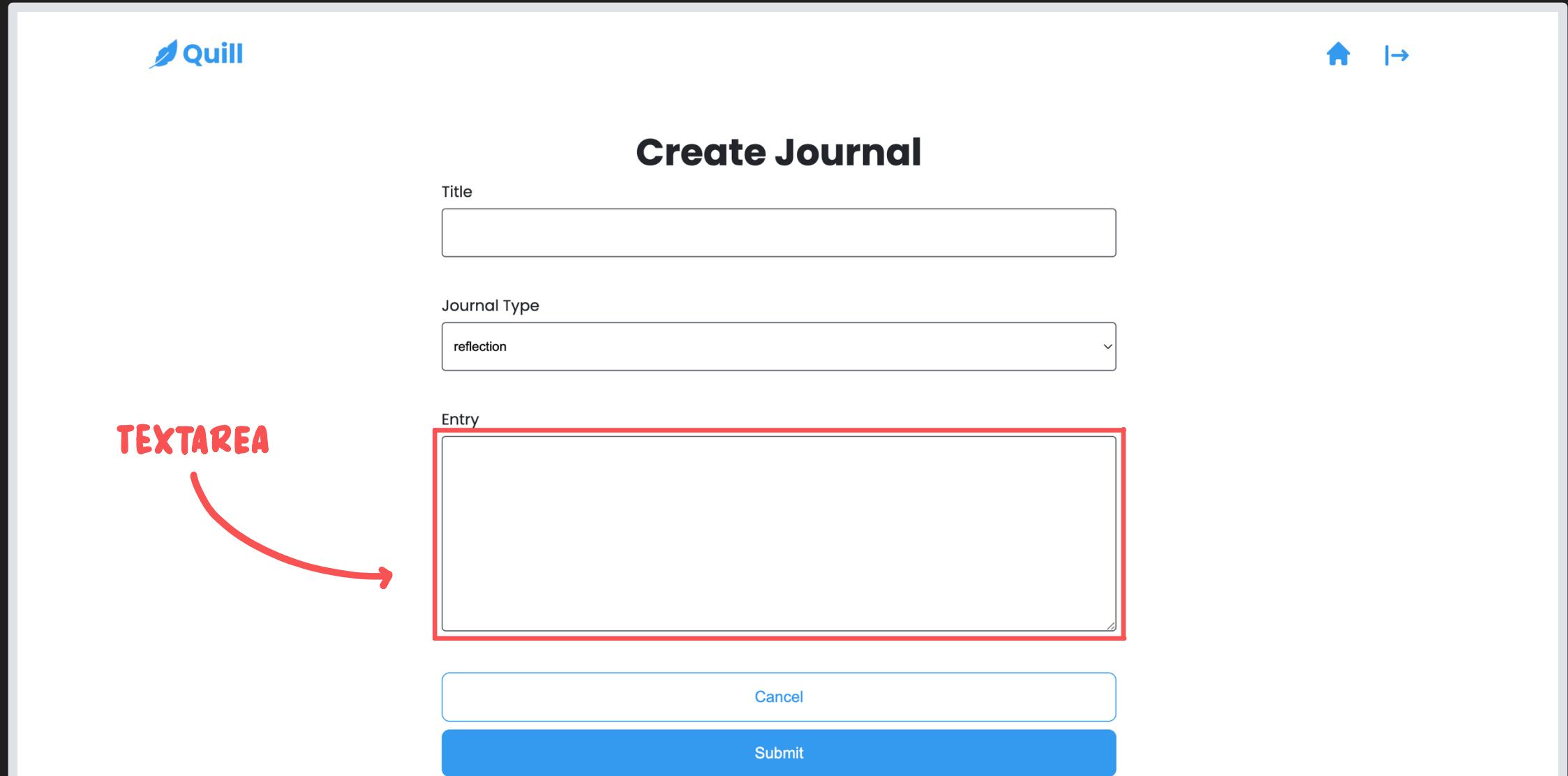
# THE TEXTAREA TAG

```
<label for="journal-entry">Journal Entry</label>  
  
<textarea id="journal-entry" name="entry" rows="5" cols="30"></textarea>
```



SETS THE VISIBLE  
DIMENSIONS IN TEXT  
CHARACTERS

# QUILL CREATE JOURNAL PAGE



The screenshot shows a web application for creating a journal entry. At the top left is the Quill logo. At the top right are navigation icons for home and back. The main title is "Create Journal". There are three input fields: "Title" (empty), "Journal Type" (set to "reflection"), and "Entry" (empty). The "Entry" field is highlighted with a red border and has a red arrow pointing to it from the word "TEXTAREA" on the left. Below the entry field are two buttons: "Cancel" and "Submit".

Quill

Create Journal

Title

Journal Type

reflection

Entry

Cancel

Submit

TEXTAREA



HTML FORMS

# DROPDOWNS

DIFFERENT FORM ELEMENTS

WHAT IS A DROPODOWN

THE SELECT AND OPTION TAGS

# FORM ELEMENTS

THERE ARE 3 MAIN HTML ELEMENTS THAT ALLOW USERS TO ENTER OR SELECT DATA IN A FORM

INPUTS



A LOT OF THESE!

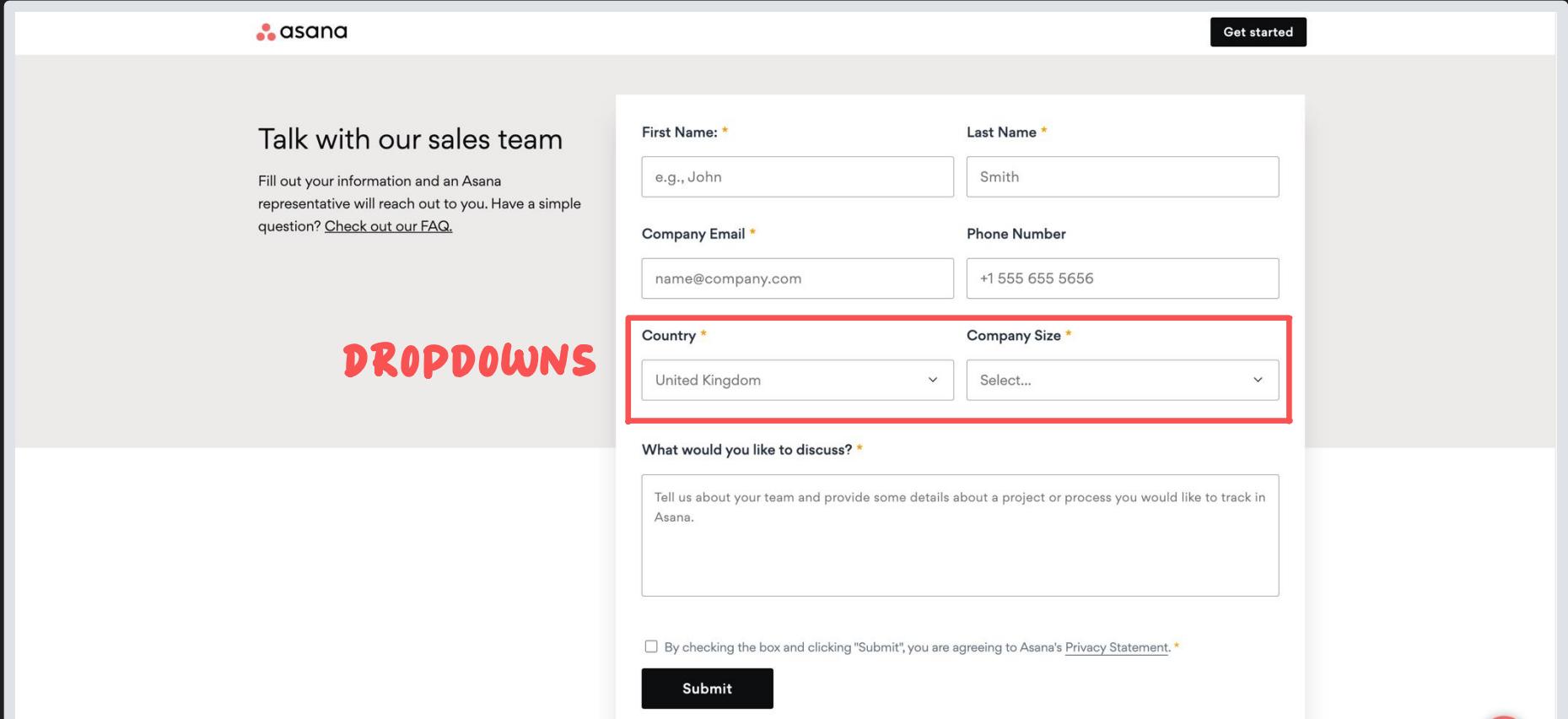
TEXT AREA

EUR
AUD
GBP
USD

DROPODOWN

# WHAT IS DROPDOWN?

ALLOWS A USER TO CHOOSE FROM PREDEFINED OPTIONS



The image shows a screenshot of an Asana contact form. At the top left is the Asana logo. On the right side, there is a "Get started" button. Below the logo, the text "Talk with our sales team" is displayed, followed by a paragraph of text: "Fill out your information and an Asana representative will reach out to you. Have a simple question? [Check out our FAQ.](#)". In the center, there are several input fields: "First Name:" and "Last Name:" with placeholder text "e.g., John" and "Smith" respectively; "Company Email:" with placeholder "name@company.com"; and "Phone Number" with placeholder "+1 555 655 5656". At the bottom of the form, there are two dropdown menus: "Country:" set to "United Kingdom" and "Company Size:" with a placeholder "Select...". These two dropdowns are highlighted with a red rectangular border. Below these is a text area labeled "What would you like to discuss?:" with a placeholder "Tell us about your team and provide some details about a project or process you would like to track in Asana.". At the very bottom, there is a checkbox with the text "By checking the box and clicking "Submit", you are agreeing to Asana's [Privacy Statement](#). \*", a "Submit" button, and a small circular icon in the bottom right corner.

DROPDOWNS

# THE SELECT AND OPTION TAGS

```
<label for="journal-category">Journal Category</label>
<select id="journal-category" name="category" >
  <option value="task" >Task</option>
  <option value="note" >Note</option>
  <option value="idea" >Idea</option>
</select>
```

SETS THE DATA THAT WILL BE  
SENT TO THE SERVER

## DROPODOWN

NAME      PREDEFINED VALUE  
↓            ↓  
category="task"

## INPUT

NAME      USER ENTERED VALUE  
↓            ↓  
title="serenity"

# QUILL CREATE JOURNAL PAGE

The screenshot shows a 'Create Journal' form. At the top left is the Quill logo. Top right icons include a house and a refresh arrow. The main title is 'Create Journal'. Below it are three input fields: 'Title' (empty), 'Journal Type' (dropdown menu containing 'reflection'), and 'Entry' (empty). A red arrow points from the word 'DROPDOWN' to the 'Journal Type' field, which is highlighted with a red border. At the bottom are 'Cancel' and 'Submit' buttons.

Quill

Create Journal

Title

Journal Type

reflection

Entry

DROPDOWN

Cancel

Submit



HTML FORMS

# BUTTONS

WHAT ARE BUTTONS

THE BUTTON TAG

BUTTONS VS. HYPERLINKS

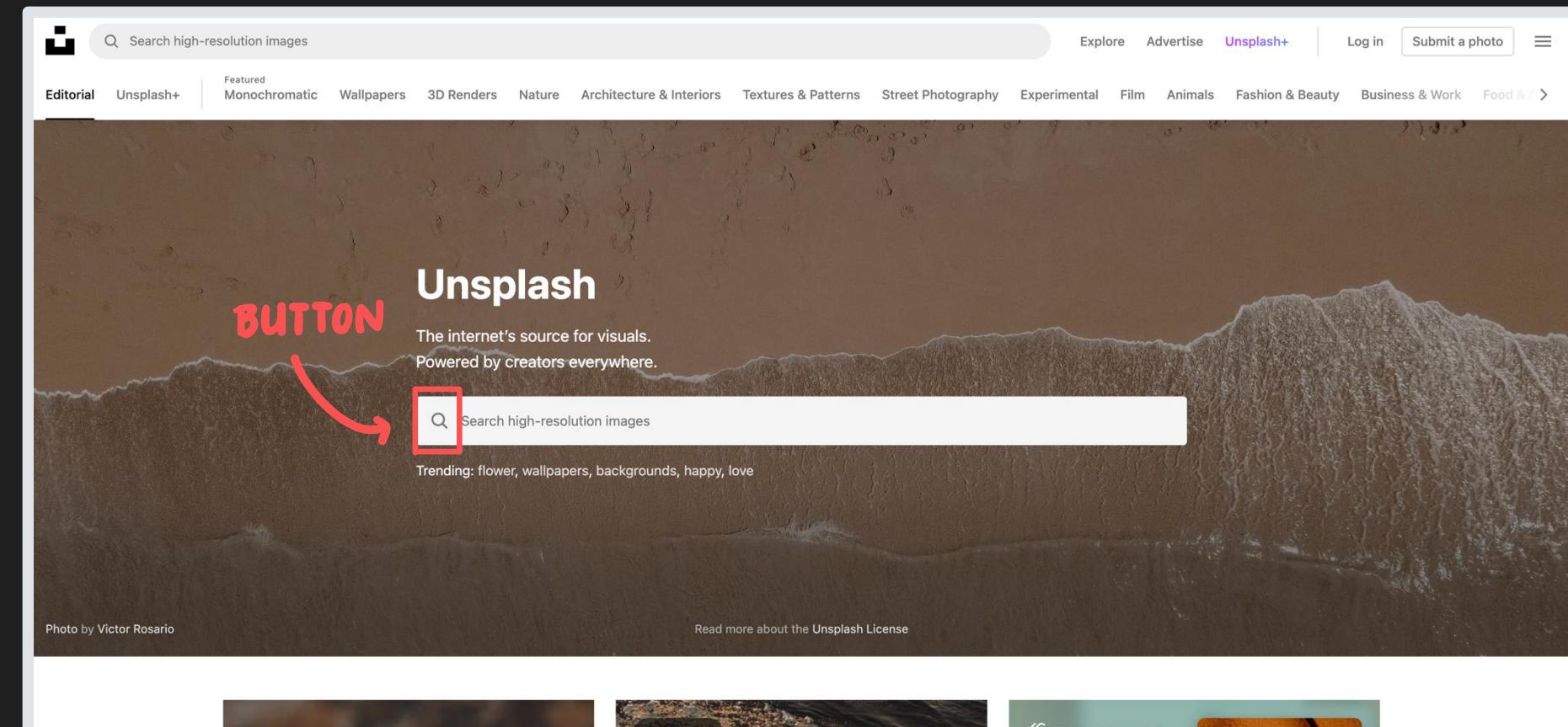
# WHAT ARE BUTTONS?

BUTTONS TRIGGER ACTIONS SUCH AS SUBMITTING A FORM

The image shows a contact form from Asana. At the top left is the Asana logo. On the right side, there is a "Get started" button. The main section starts with the heading "Talk with our sales team". Below it, a text block says: "Fill out your information and an Asana representative will reach out to you. Have a simple question? [Check out our FAQ.](#)". The form itself has several input fields: "First Name" and "Last Name" (both with placeholder text "e.g., John" and "Smith"), "Company Email" (placeholder "name@company.com") and "Phone Number" (placeholder "+1 555 655 5656"), "Country" (dropdown menu showing "United Kingdom") and "Company Size" (dropdown menu showing "Select..."). There is also a text area labeled "What would you like to discuss?" with placeholder text: "Tell us about your team and provide some details about a project or process you would like to track in Asana.". At the bottom, there is a checkbox followed by the text: "By checking the box and clicking "Submit", you are agreeing to Asana's [Privacy Statement](#). \*". The "Submit" button is highlighted with a red border and arrow pointing to it from the bottom left.

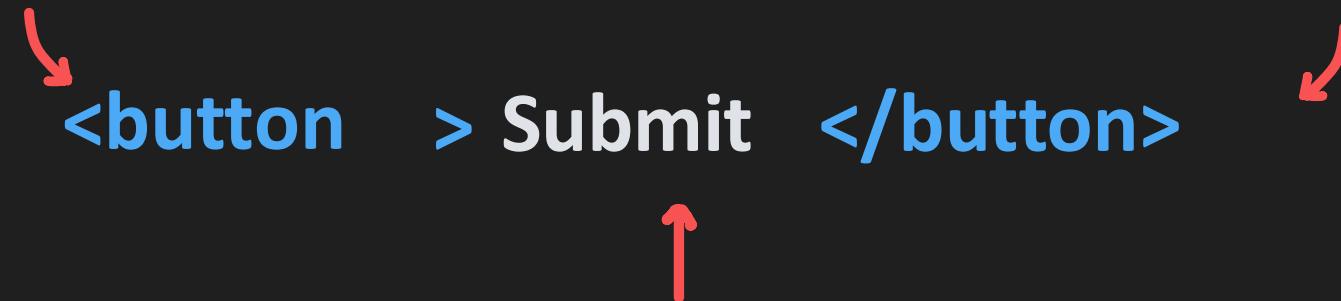
# WHAT ARE BUTTONS?

BUTTONS TRIGGER ACTIONS SUCH AS SUBMITTING A FORM



# THE BUTTON TAG

OPENING TAG



```
<button> Submit </button>
```

A diagram illustrating the structure of an HTML button tag. It consists of three main parts: an opening tag (<button>), some text inside the button ('Submit'), and a closing tag (</button>). A red arrow points from the label 'OPENING TAG' to the start of the opening tag. Another red arrow points from the label 'CLOSING TAG' to the end of the closing tag. A red arrow also points from the label 'BUTTON TEXT' to the word 'Submit'.

CLOSING TAG

BUTTON  
TEXT

# THE BUTTON TAG

OPTIONAL  
ATTRIBUTES



```
<button type="submit" > Submit </button>
```

# BUTTONS VS. HYPERLINKS

**HYPERLINKS AND BUTTONS CAN APPEAR VISUALLY THE SAME BUT SERVE DIFFERENT PURPOSES**

## HYPERLINK ELEMENT

```
<a href="register">Get Started</a>
```

USED TO NAVIGATE USERS  
TO A DIFFERENT PAGE

OFTEN LOOKS LIKE A  
BUTTON ELEMENT



## BUTTON ELEMENT

```
<button type="submit">Submit</button>
```

USED TO TRIGGER ACTIONS  
LIKE SUBMIT A FORM

CAN RESULT IN NAVIGATION  
TO A DIFFERENT PAGE

# QUILL CREATE JOURNAL PAGE



The screenshot shows a web application interface for creating a journal entry. At the top left is the Quill logo. At the top right are navigation icons for home and back. The main title is "Create Journal". There are three input fields: "Title" (empty), "Journal Type" (set to "reflection"), and "Entry" (empty). At the bottom is a button bar with "Cancel" and "Submit" buttons. A red arrow points from the word "BUTTON" to the "Submit" button.

Quill

>Create Journal

Title

Journal Type

Entry

Cancel

Submit

**BUTTON**



HTML FORMS

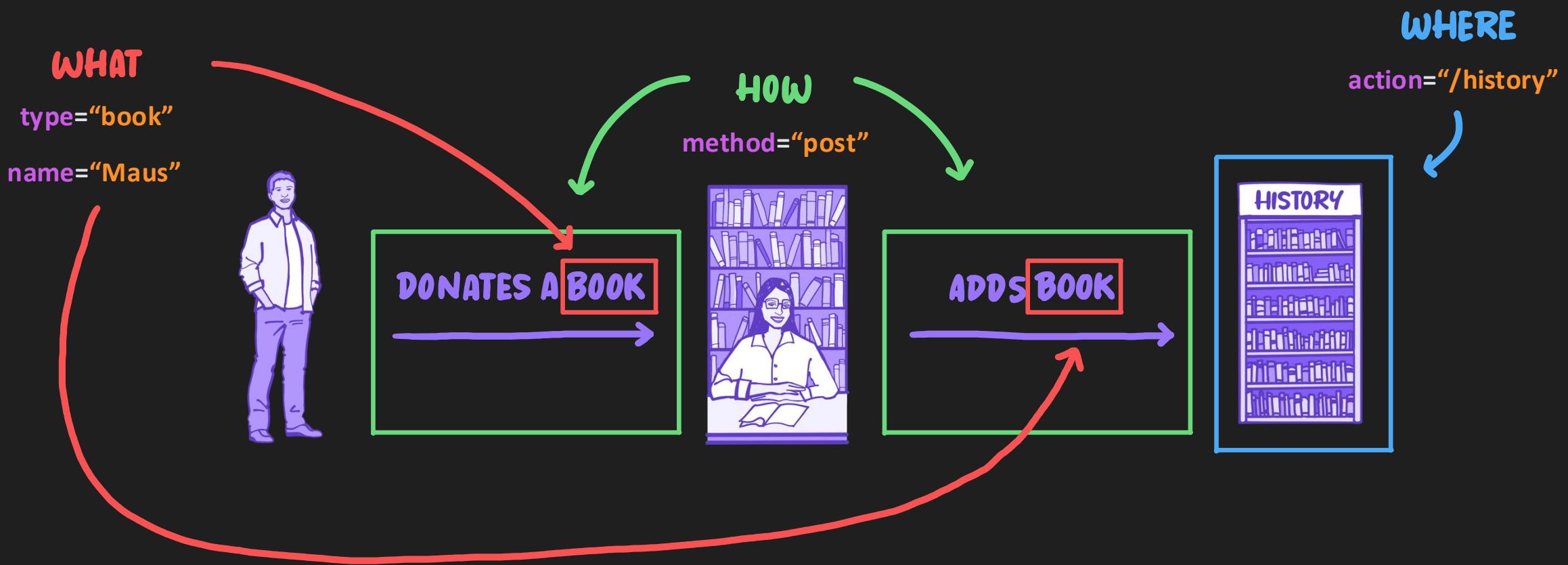
# FORM SUBMISSION

HOW FORM DATA IS PACKAGED & SENT THE SERVER

THE HTTP REQUEST & RESPONSE WHEN SUBMITTING DATA

# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# FORM SUBMISSION

WHERE ↘

↙ HOW

```
<form action="/api/v1/journals" method="post">  
  <label for="main-title">Journal Title</label>  
  <input id="main-title" type="text" name="title" placeholder="Enter title" />  
  <label for="journal-category">Journal Category</label>  
  <select id="journal-category" name="category" >  
    <option value="task" >Task</option>  
    <option value="note" >Note</option>  
    <option value="idea" >Idea</option>  
  </select>  
  <label for="journal-entry">Journal Entry</label>  
  <textarea id="journal-entry" name="entry" rows="5" cols="30"></textarea>  
  <button type="submit">Submit</button>  
</form>
```

WHAT ↘

# INPUTTING DATA

Title

= "Car washing"

```
<input id="main-title" type="text" name="title" placeholder="Enter title" />
```

Category

= "idea"

```
<select id="journal-category" name="category" >  
  <option value="task">Task</option>  
  <option value="note">Note</option>  
  <option value="idea">Idea</option>  
</select>
```

# INPUTTING DATA

Entry

A car wash that serves coffee while you wait

entry = "A car wash that serves coffee while you wait"

```
<textarea id="journal-entry" name="entry" rows="5" cols="30"></textarea>
```

# INPUTTING DATA

Title

`title="Car washing"`

Category

▼`category="idea"`

Entry

`entry = "A car wash that serves coffee  
while you wait"`

# FORM SUBMISSION

## DATA

`title="Car washing"`

`category="idea"`

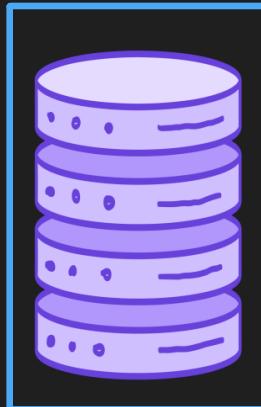
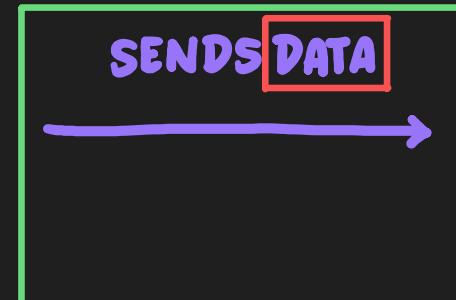
`entry="A car wash that serves  
coffee while you wait"`

## METHOD

`method="post"`

## ACTION

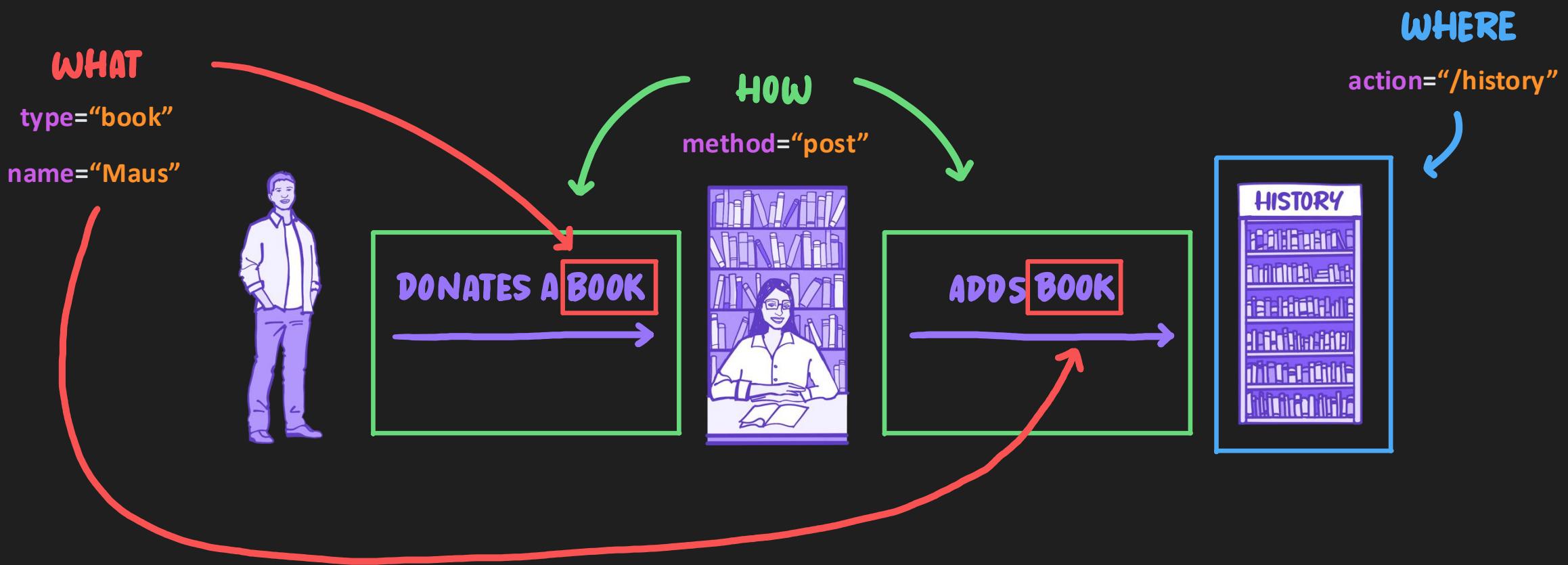
`action="/api/v1/journals"`



**JOURNAL CREATED**

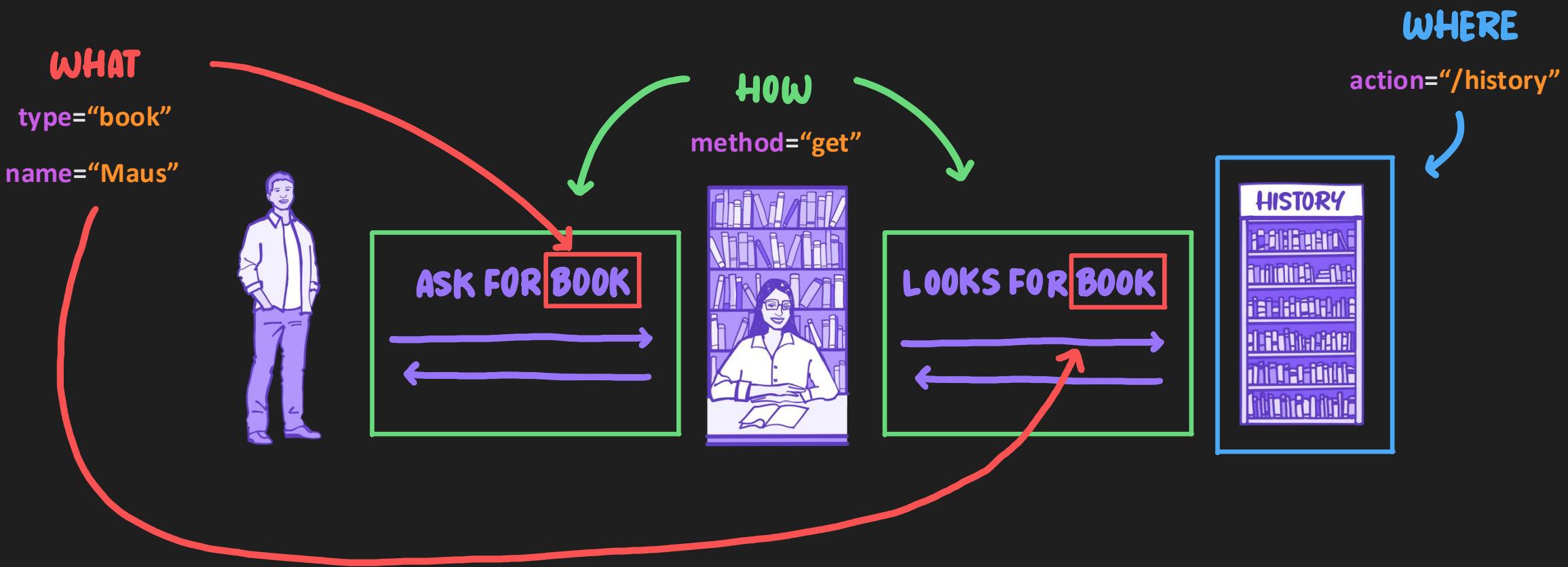
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



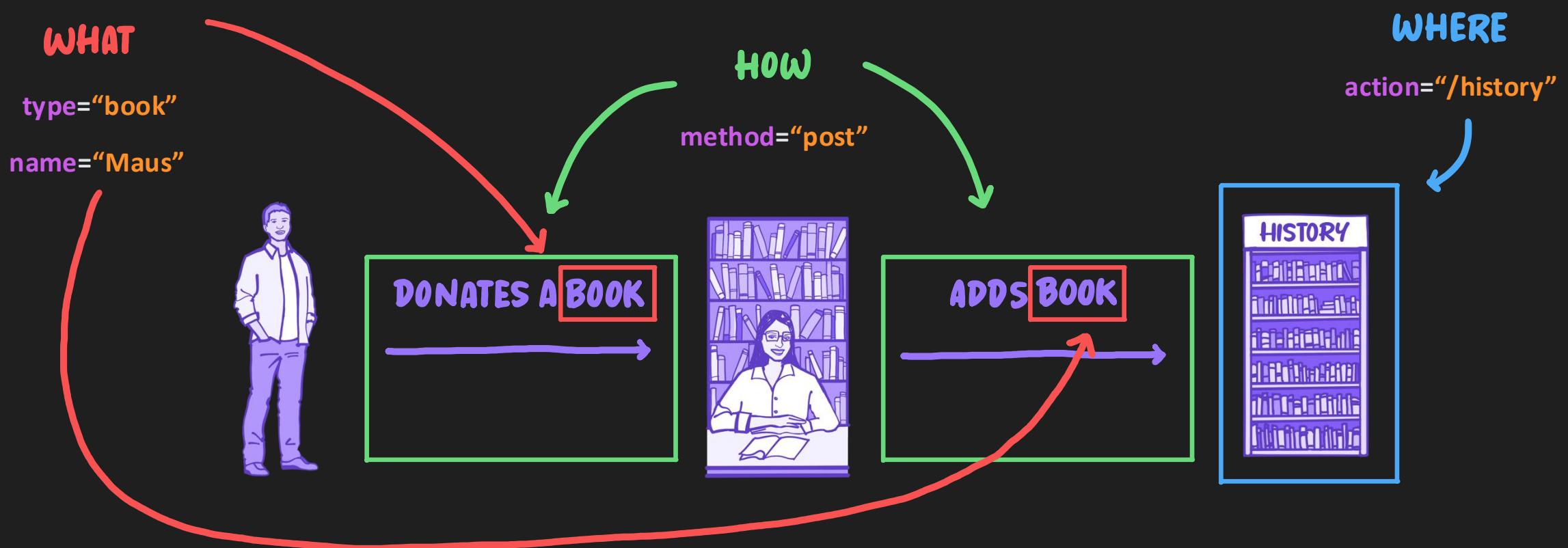
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



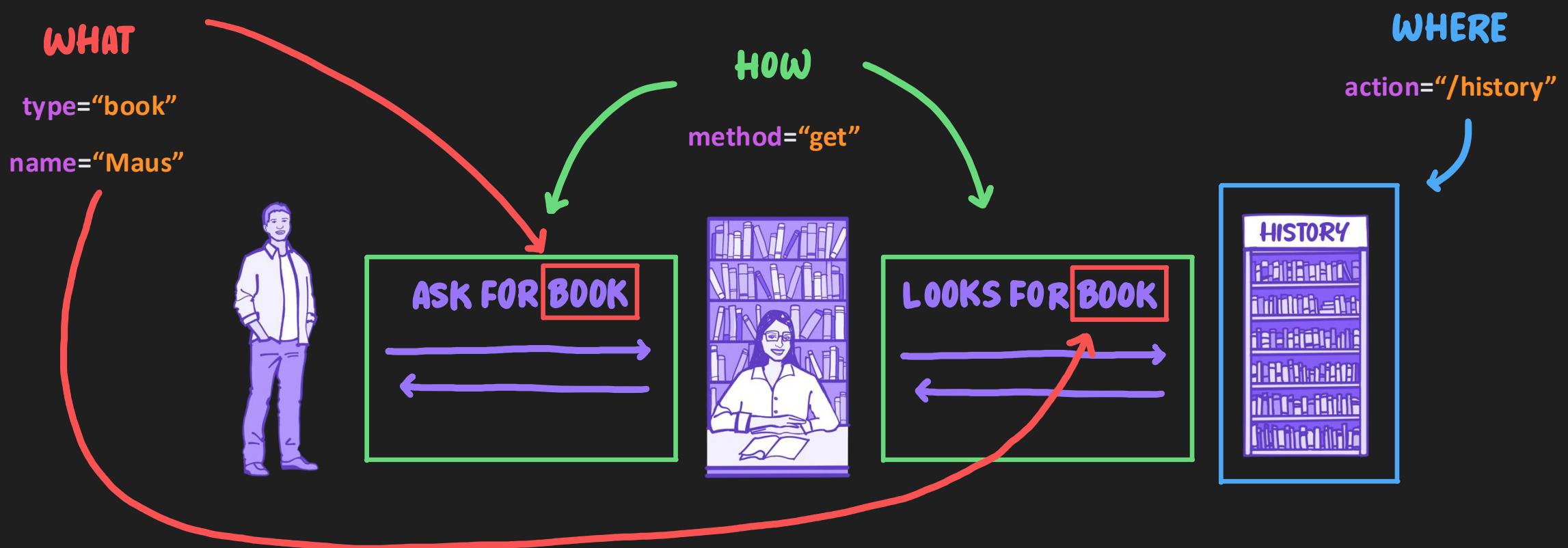
# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA



# FORM SUBMISSION

FORMS NEED TO KNOW WHERE TO AND HOW TO SEND DATA





HTML FORMS

# FORM VALIDATION

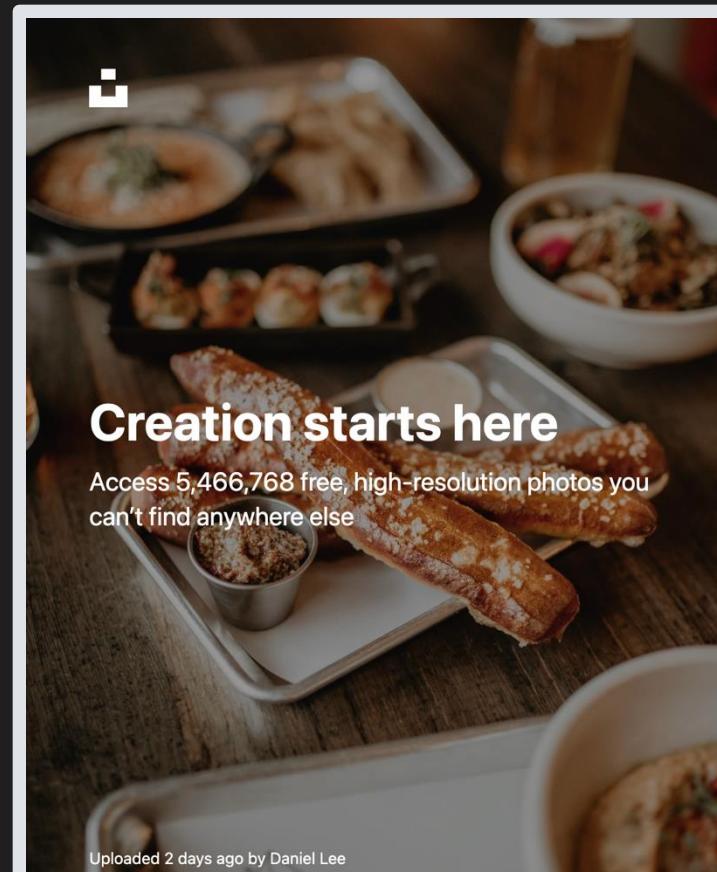
WHAT IS VALIDATION

CLIENT AND SERVER-SIDE VALIDATION

BUILT-IN VS. CUSTOM VALIDATION

# WHAT IS VALIDATION?

THE PROCESS OF CHECKING DATA TO ENSURE IT MEETS EXPECTED CRITERIA



**Join Unsplash**

Already have an account? [Login](#)

[Join using Facebook](#)

OR

First name  Last name

Email

Username (only letters, numbers, and underscores)

Password (min. 8 char)

**EMAIL FORMAT** ↗

**PASSWORD LENGTH** ↗

**Join**

# CLIENT AND SERVER-SIDE VALIDATION

CLIENT SIDE  
VALIDATION



DONATES BOOK

SERVER SIDE  
VALIDATION



ADDS BOOK



CORRECT BOOK?

ALL PAGES THERE?

CORRECT BOOK?

ALL PAGES THERE?

BOOK ALREADY ON SHELF?

# CLIENT AND SERVER-SIDE VALIDATION

CLIENT-SIDE  
VALIDATION



VALID EMAIL?

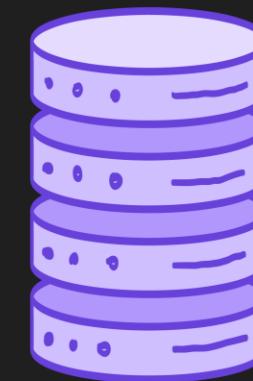
SERVER-SIDE  
VALIDATION



VALID EMAIL?  
EMAIL UNIQUE?

SENDS DATA

CREATES RECORD



# CLIENT-SIDE VALIDATION

## BUILT-IN

AUTOMATICALLY PROVIDED BY THE  
BROWSER FOR CERTAIN INPUT TYPES

EMAIL

NUMBER

## CUSTOM

SET BY A DEVELOPER USING  
HTML ATTRIBUTES

```
<input type="text" name="title" required />
```

minlength="3"

maxlength="10"

min="18"

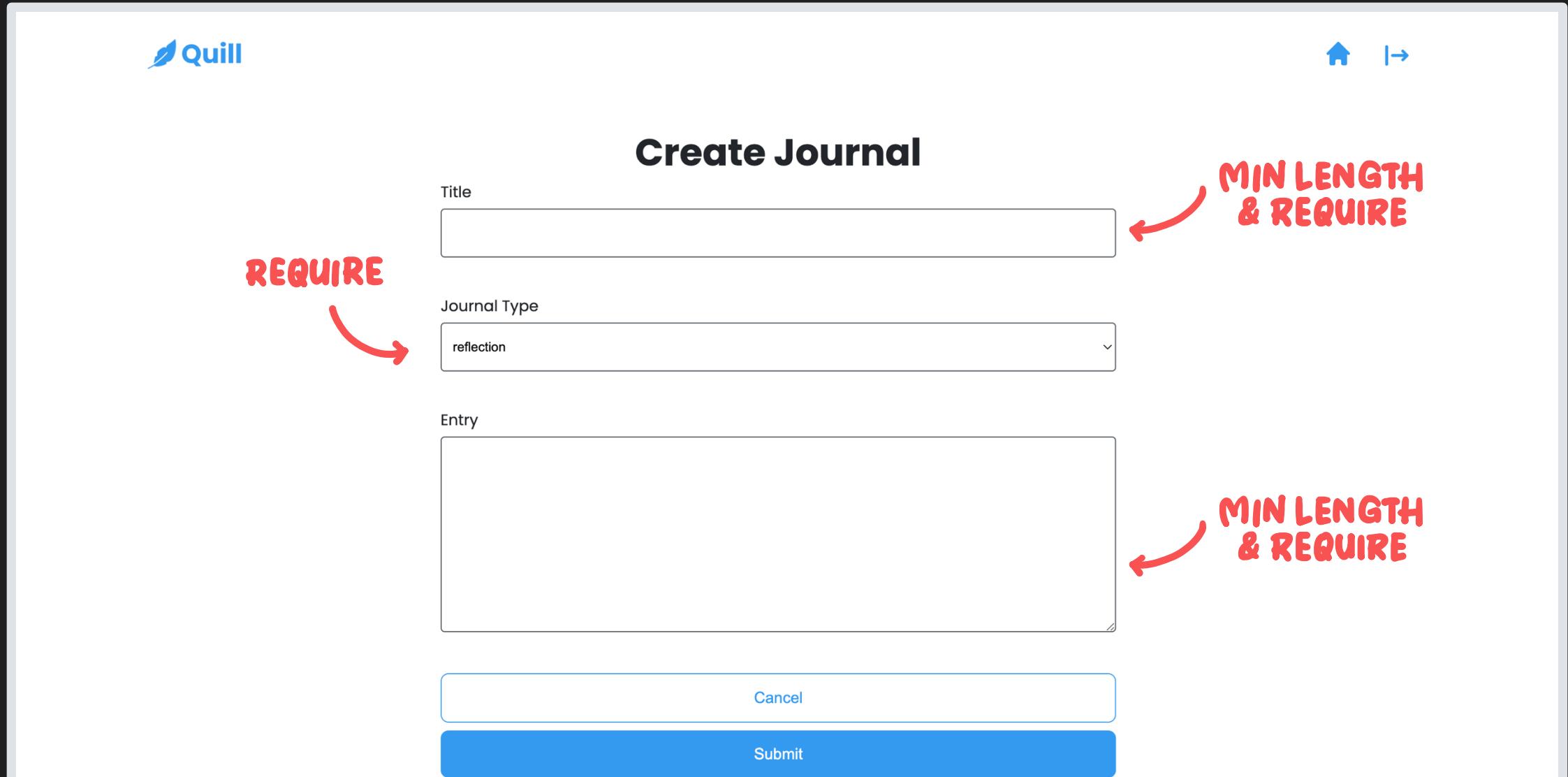
max="30"

required

VALUE

NO VALUE

# QUILL CREATE JOURNAL PAGE



The screenshot shows a 'Create Journal' form on a Quill application. The form includes fields for Title, Journal Type, and Entry, each with validation annotations.

**Title:** A required field indicated by a red arrow labeled 'REQUIRE'. A red double-headed arrow indicates a validation rule: 'MIN LENGTH & REQUIRE'.

**Journal Type:** A dropdown menu showing 'reflection'. A red arrow points to it with the label 'REQUIRE'.

**Entry:** A large text area. A red double-headed arrow indicates a validation rule: 'MIN LENGTH & REQUIRE'.

**Buttons:** 'Cancel' and 'Submit' at the bottom.



HTML FORMS

# CHECKBOX & RADIO BUTTONS

CHECKBOX & RADIO TYPES

COMPARING CHECKBOX AND RADIO

# INPUT TYPES

## TEXTUAL

TEXT

PASSWORD

EMAIL

DATE

TEL

NUMBER

## BINARY



I accept

checkbox



MasterCard

radio

## FILE INPUT

Choose file

No file chosen

file

## MISCELLANEOUS

range

color

# CHECKBOX

ALLOWS USERS TO SELECT ONE OR MORE OPTIONS FROM A PREDEFINED LIST

CHECKBOXES

**Self Employment**

Annual Income £ 30000  
Annual Outgoings £ 0  
Tax code  
National Insurance  Defer Class 2  
Age  Under 75  75 to 84  Over 85  
 Married  Blind  No NI  
Student Loan  Plan 1  Plan 2

**Self-Employment**

	Yearly	Monthly	Weekly	Daily
Profit	£ 30,000.00	£ 2,500.00	£ 576.92	£ 115.38
Taxable income	£ 14,560.00	£ 1,213.33	£ 280.00	£ 56.00
Total Tax	£ 2,912.00	£ 242.67	£ 56.00	£ 11.20
Class 2 NICs	£ 179.40	£ 14.95	£ 3.45	£ 0.69
Class 4 NICs	£ 1,695.94	£ 141.33	£ 32.61	£ 6.52
Student Loan	£ 0.00	£ 0.00	£ 0.00	£ 0.00
<b>Take Home</b>	<b>£ 25,212.66</b>	<b>£ 2,101.06</b>	<b>£ 484.86</b>	<b>£ 96.97</b>

View results:  Yearly  Monthly  4-weekly  2-weekly  Weekly  Daily  
Tax year: 2023 / 24

Amount owed to HMRC: £4,787.34. Payment on account for 2024/25: £2,393.67.  
Total Self Assessment due by 31st January 2025: £7,181.01.  
A further payment on account due by 31st July 2025: £2,393.67.  
This does not include any payments on account you may already have made for the 2023/24 tax year.

 See this data in a graph

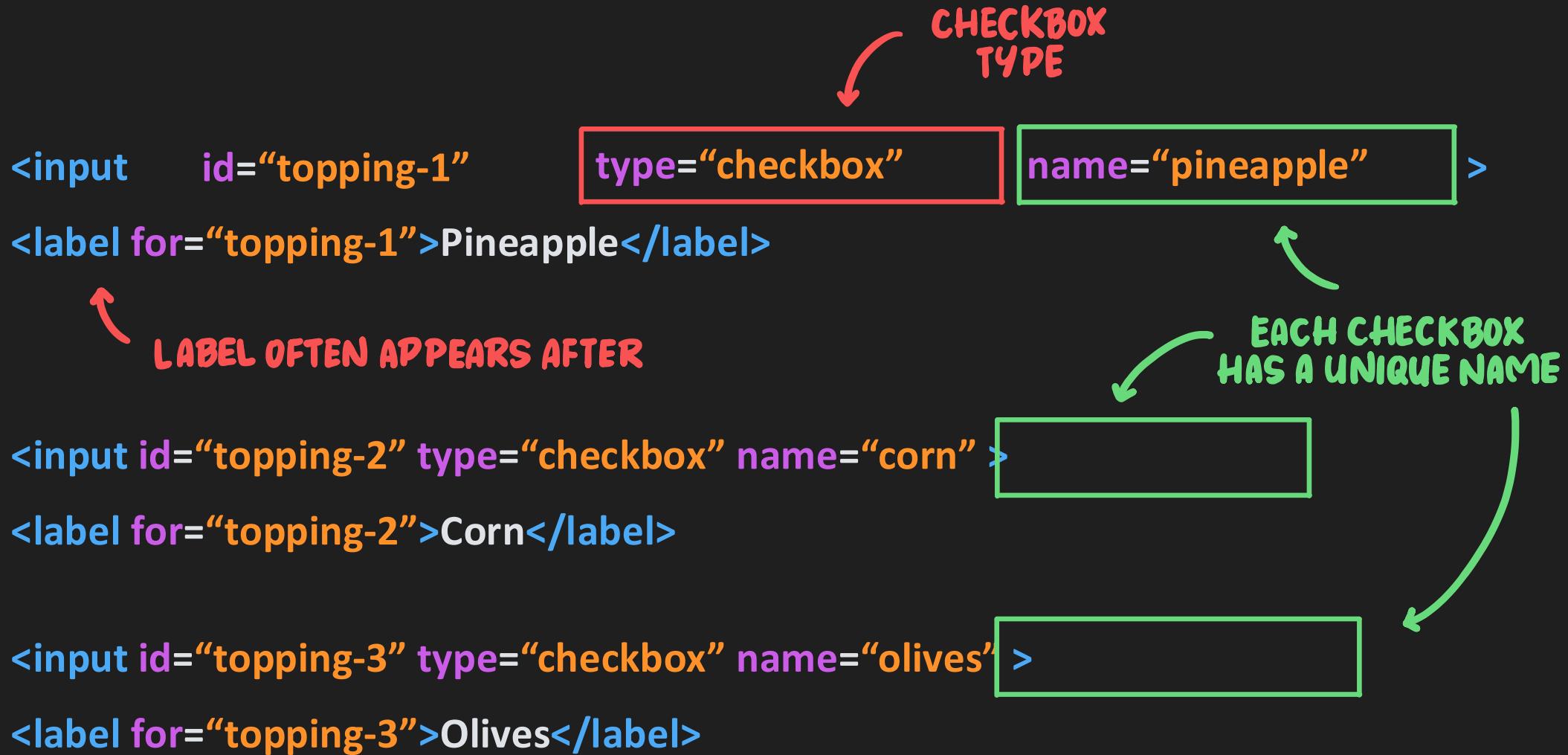
# CHECKBOX TYPE

```
<input id="topping-1" type="checkbox" name="pineapple">  
<label for="topping-1">Pineapple</label>  
  
<input id="topping-2" type="checkbox" name="corn">  
<label for="topping-2">Corn</label>  
  
<input id="topping-3" type="checkbox" name="olives">  
<label for="topping-3">Olives</label>
```

**CHECKBOX TYPE**

**LABEL OFTEN APPEARS AFTER**

**EACH CHECKBOX HAS A UNIQUE NAME**



# RADIO BUTTON

ALLOWS USERS TO SELECT EXACTLY ONE OPTION FROM A PREDEFINED LIST

RADIO  
BUTTONS

Self Employment	
Annual Income	£ <input type="text" value="30000"/>
Annual Outgoings	£ <input type="text" value="0"/>
Tax code	<input type="text"/>
National Insurance	<input type="checkbox"/> Defer Class 2
Age	<input checked="" type="radio"/> Under 75 <input type="radio"/> 75 to 84 <input type="radio"/> Over 85
<input checked="" type="checkbox"/> Married <input checked="" type="checkbox"/> Blind <input type="checkbox"/> No NI	
Student Loan	<input type="checkbox"/> Plan 1 <input type="checkbox"/> Plan 2

**Calculate**

 See this data in a graph

Self-Employment		Yearly	Monthly	Weekly	Daily
Profit	£ 30,000.00	£ 2,500.00	£ 576.92	£ 115.38	
Taxable income	£ 14,560.00	£ 1,213.33	£ 280.00	£ 56.00	
Total Tax	£ 2,912.00	£ 242.67	£ 56.00	£ 11.20	
Class 2 NICs	£ 179.40	£ 14.95	£ 3.45	£ 0.69	
Class 4 NICs	£ 1,695.94	£ 141.33	£ 32.61	£ 6.52	
Student Loan	£ 0.00	£ 0.00	£ 0.00	£ 0.00	
<b>Take Home</b>	<b>£ 25,212.66</b>	<b>£ 2,101.06</b>	<b>£ 484.86</b>	<b>£ 96.97</b>	

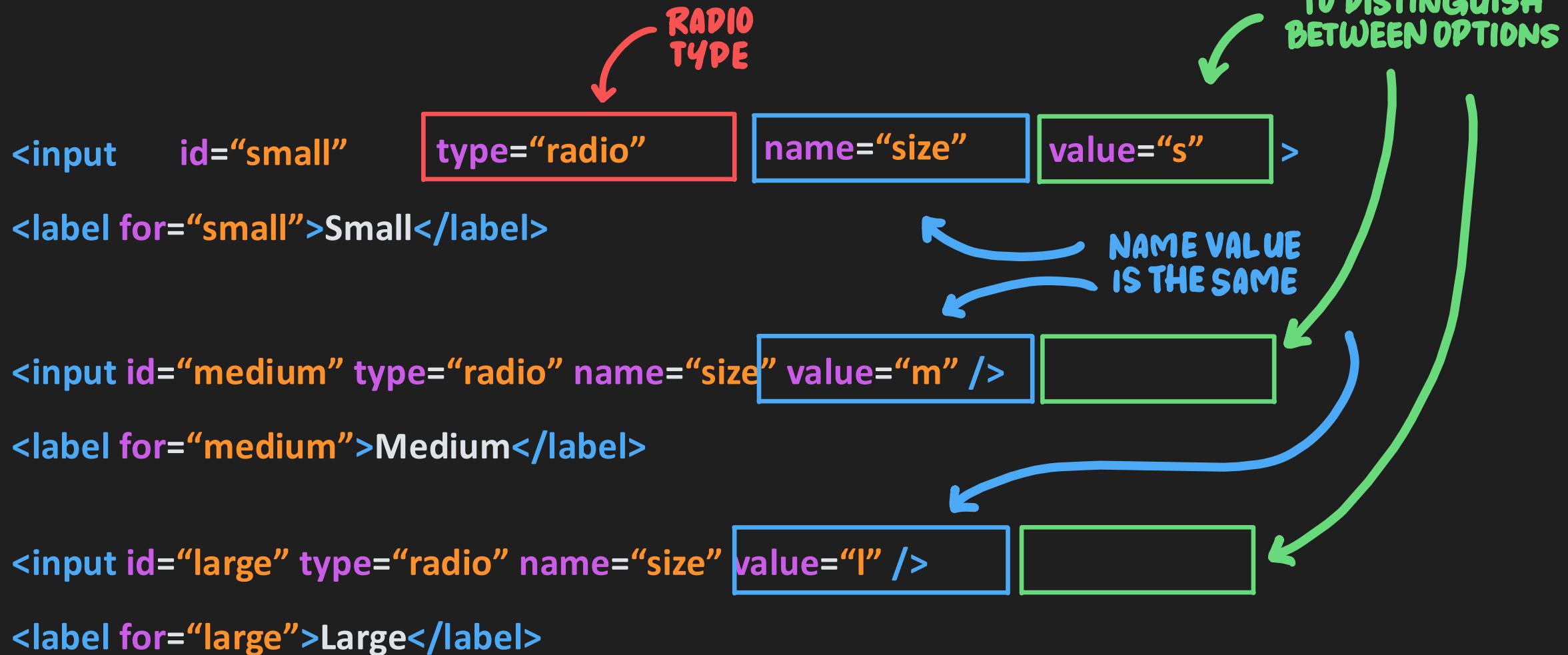
View results:  Yearly  Monthly  4-weekly  2-weekly  Weekly  Daily

Tax year:

Daily results based on a 5-day week

Amount owed to HMRC: £4,787.34. Payment on account for 2024/25: £2,393.67.  
Total Self Assessment due by 31st January 2025: £7,181.01.  
A further payment on account due by 31st July 2025: £2,393.67.  
This does not include any payments on account you may already have made for the 2023/24 tax year.

# RADIO TYPE



# VALUE ATTRIBUTE REMINDER

## TEXT INPUT

NAME



`title="car wash business"`

USER ENTERED VALUE



## RADIO INPUT

NAME



`size="s"`

PREDEFINED VALUE





# CHECKBOX VS. RADIO BUTTONS

## CHECKBOX

ONE OR MORE OPTIONS CAN BE SUBMITTED  
SO EACH OPTION HAS A UNIQUE NAME

```
<input id="topping-1" type="checkbox" name="pineapple" />
```

```
<label for="topping-1">Pineapple</label>
```

```
<input id="topping-2" type="checkbox" name="corn" />
```

```
<label for="topping-2">Corn</label>
```

```
<input id="topping-3" type="checkbox" name="olives" />
```

```
<label for="topping-3">Olives</label>
```

THE VALUE ATTRIBUTE IS NOT NEEDED  
AS EACH INPUT HAS A UNIQUE NAME

## RADIO BUTTONS

ONLY ONE OPTION CAN BE SUBMITTED  
SO EACH OPTION HAS THE SAME NAME

```
<input id="small" type="radio" name="size" value="s" />
```

```
<label for="small">Small</label>
```

```
<input id="medium" type="radio" name="size" value="m" />
```

```
<label for="medium">Medium</label>
```

```
<input id="large" type="radio" name="size" value="l" />
```

```
<label for="large">Large</label>
```

THE VALUE ATTRIBUTE IS NEEDED  
AS EACH INPUT HAS THE SAME NAME



# CONTAINERS & SEMANTIC HTML



CONTAINERS & SEMANTIC HTML

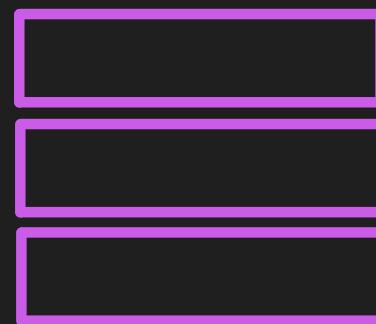
# BLOCK AND INLINE

BLOCK & INLINE ELEMENTS

NESTING BLOCK & INLINE ELEMENTS

# WHAT ARE BLOCK AND INLINE ELEMENTS?

ALL HTML ELEMENTS ARE BY DEFAULT EITHER A BLOCK OR INLINE ELEMENT

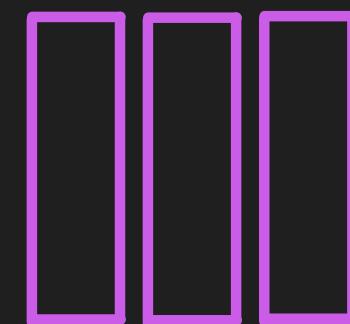


BLOCK ELEMENTS

STARTS ON A NEW LINE

TAKES UP FULL WIDTH OF A PAGE

`<h1> <p> <ul> <li>`



INLINE ELEMENTS

DOES NOT START ON A NEW LINE

ONLY OCCUPIES WIDTH OF THEIR CONTENT

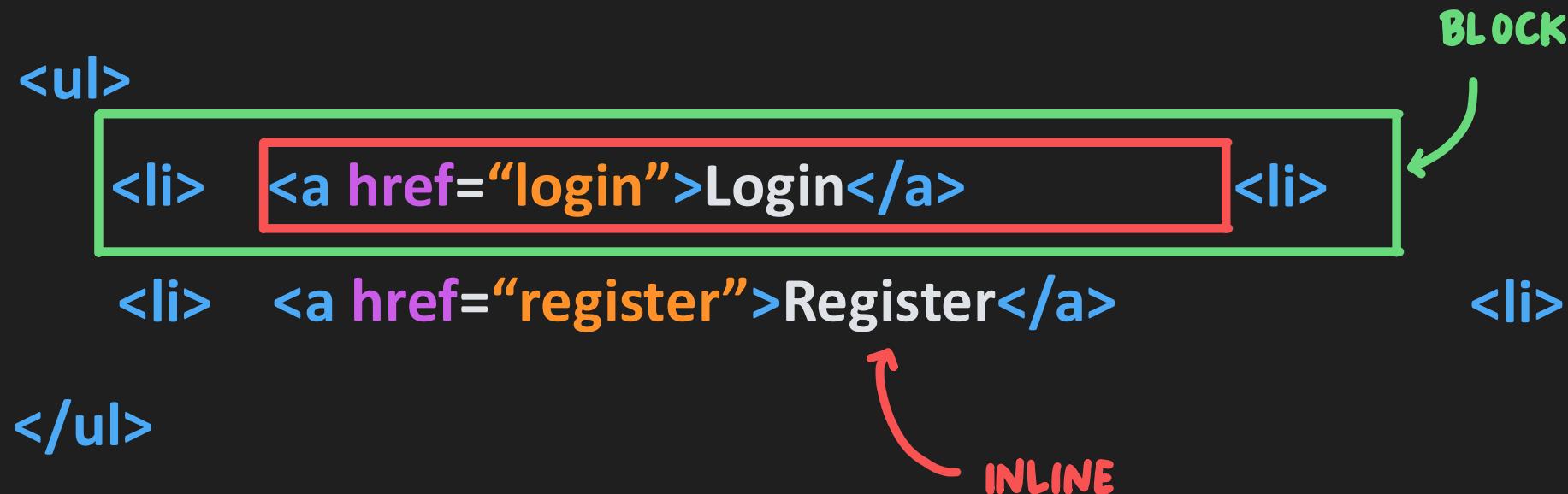
`<a> <img> <br> <input>`

UNLESS AFTER  
A BLOCK  
ELEMENT



# NESTING INLINE AND BLOCK ELEMENTS

AN INLINE ELEMENT CAN BE NESTED INSIDE A BLOCK ELEMENT



# NESTING INLINE AND BLOCK ELEMENTS

PLACING A BLOCK ELEMENT INSIDE AN INLINE ELEMENT IS INVALID

INVALID

```
<a href="login"> <h1>Login</h1> </a>
```

INLINE  
↑

BLOCK  
↑

VALID

```
<h1> <a href="login">Login</a> <h1>
```

BLOCK  
↑

INLINE  
↑

# NESTING INLINE AND BLOCK ELEMENTS

		CHILD	
		BLOCK	INLINE
PARENT	BLOCK	 <code>&lt;ul&gt;   &lt;li&gt;&lt;/li&gt; &lt;ul&gt;</code>	 <code>&lt;h1&gt;&lt;a&gt;&lt;/a&gt;&lt;/h1&gt;</code>
	INLINE	 <code>&lt;a&gt;&lt;h1&gt;&lt;/h1&gt;&lt;/a&gt;</code>	 <code>&lt;a&gt;&lt;img&gt;&lt;/a&gt;</code>



CONTAINERS & SEMANTIC HTML

# DIV AND SPAN

CONTAINERS

THE DIV ELEMENT

THE SPAN ELEMENT

DIV VS. SPAN

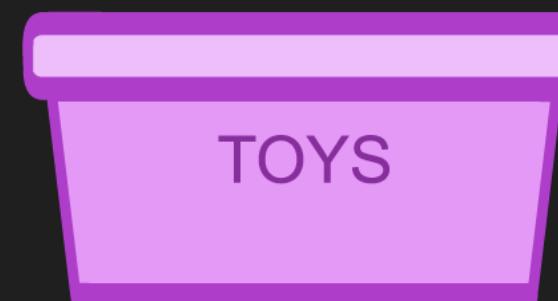
# CONTAINERS



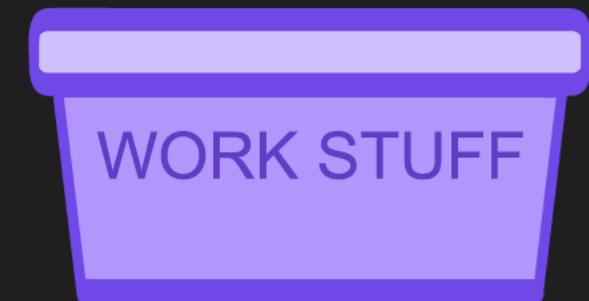
# CONTAINERS



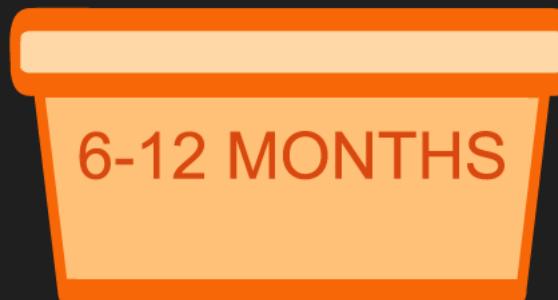
0-6 MONTHS



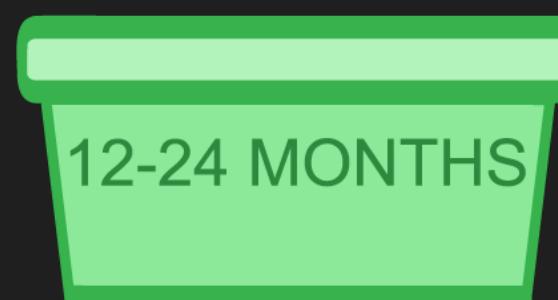
TOYS



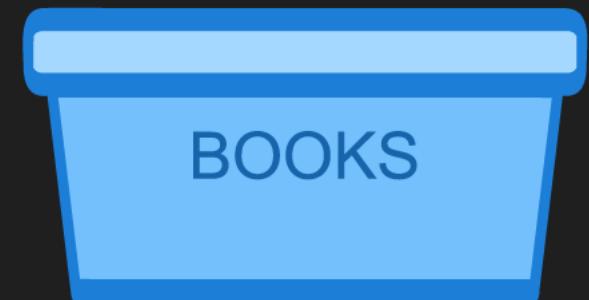
WORK STUFF



6-12 MONTHS



12-24 MONTHS



BOOKS

# CONTAINERS

A CONTAINER GROUPS CONTENT AND IS USED IN CONJUNCTION WITH CSS TO CONTROL THE POSITIONING AND STYLING OF CONTENT BLOCKS

The screenshot shows the Notion homepage. A large red box highlights the main headline section, labeled 'SECTION CONTAINERS' with a red arrow. Below it, a green box highlights a list of logos, labeled 'SMALLER CONTENT CONTAINERS' with a green arrow. The Notion logo is at the top left, followed by navigation links: Product, Download, Solutions, Resources, Pricing, Request a demo, Log in, and Get Notion free.

**Millions run on Notion every day**

Powering the world's best teams, from next-generation startups to established enterprises.

[Read customer stories →](#)

Figma PIXAR DOORDASH Nike amazon Pinterest

Uber PLAID TOYOTA snowflake headspace

AngelList Robinhood

**Finally, all your work in one place**

**Wikis**

It's hard to move fast if you can't find anything. Centralize all your knowledge in Notion.

Acme Inc. Engineering / Engineering wiki

Search

# THE DIV ELEMENT

A BLOCK LEVEL CONTAINER ELEMENT USED TO GROUP CONTENT FOR STYLING AND POSITIONING

OPENING  
TAG



```
<div>
```

```
<!-- code block -->
```

```
</div>
```

CLOSING  
TAG



# INLINE CONTAINERS

AN INLINE LEVEL CONTAINER ELEMENT MOST COMMONLY USED TO STYLE A PORTION OF TEXT

The screenshot shows the Canva homepage. At the top, there is a navigation bar with links for 'Design spotlight', 'Business', 'Education', 'Plans and pricing', 'Learn', a search bar containing 'Try presentation, Instagram post, anything!', and buttons for 'Log in' and 'Sign up'. Below the navigation, the main headline reads 'INLINE CONTAINER ↴ What will you **design** today?'. The word 'design' is highlighted with a red rectangular box. Below this, a sub-headline says 'Canva makes it easy to create professional designs and to share or print them.' A purple 'Sign up for free' button is visible. A horizontal banner at the bottom features seven colored boxes representing different services: 'Docs' (red), 'Whiteboards' (green), 'Presentations' (yellow), 'Social' (red), 'Videos' (purple), 'Prints' (light purple), and 'Websites' (dark blue). The 'Social' and 'Videos' boxes are highlighted with a thick red border. At the very bottom, the text 'A perfect fit for everyone' is displayed.

# THE SPAN ELEMENT

OPENING TAG      CLOSING TAG

```
<h1>Create <span> Amazing </span> Journals</h1>
```

CUSTOM STYLING CAN BE APPLIED WITHOUT IMPACTING THE REST OF THE HEADING

# DIV VS. SPAN

DIV	SPAN
<div>	<span>
USED TO GROUP LARGER BLOCKS OF HTML CONTENT FOR STYLING AND POSITIONING	PRIMARILY USED TO WRAP TEXT FOR CUSTOM STYLING
BLOCK LEVEL ELEMENT	INLINE LEVEL ELEMENT

# QUILL HOMEPAGE

NAVBAR



HERO

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

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

## FEATURES



Finally, a **simple and easy** to use journal app

### Write all your journals in a few clicks

Unlock the simplicity of online journaling – say goodbye to the hassle of pen and paper and hello to effortless journaling with just a few clicks.



### Beaitufully displayed and neatly organised

Not just words on a screen – our journals are beautifully displayed and neatly organised.

### Create and reflect from anywhere in the world

Whether you're at home or exploring the far corners of the world, create and reflect



# QUILL HOMEPAGE

CTA

FOOTER

Get Started Now

Get Started



Home Login Register

Made with ❤ in London

# Homepage Sections

FEATURES

SMALLER CONTAINERS

Finally, a **simple and easy** to use journal app

**Write all your journals in a few clicks**

Unlock the simplicity of online journaling – say goodbye to the hassle of pen and paper and hello to effortless journaling with just a few clicks.



**Beaitufully displayed and neatly organised**

Not just words on a screen – our journals are beautifully displayed and neatly organised.

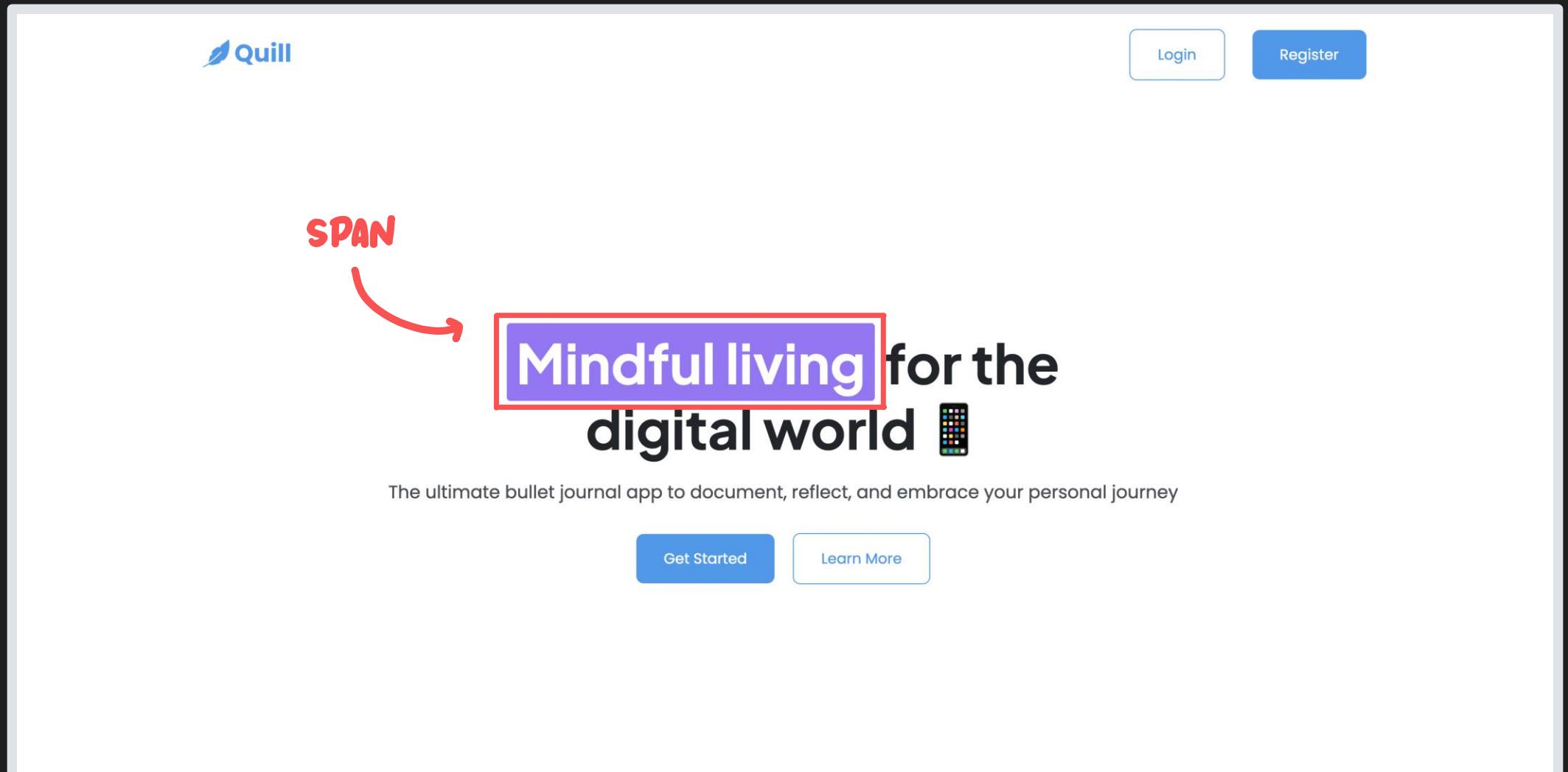


**Create and reflect from anywhere in the world**

Whether you're at home or exploring the far corners of the world, create and reflect



# QUILL HOMEPAGE



The screenshot shows the homepage of the Quill app. At the top left is the Quill logo. On the right are 'Login' and 'Register' buttons. The main heading is 'Mindful living for the digital world'. A red arrow points from the word 'SPAN' to the word 'Mindful' in the tagline. Below the tagline is a subtitle: 'The ultimate bullet journal app to document, reflect, and embrace your personal journey'. At the bottom are 'Get Started' and 'Learn More' buttons.

Quill

Login Register

**SPAN**

Mindful living for the digital world

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

Get Started Learn More

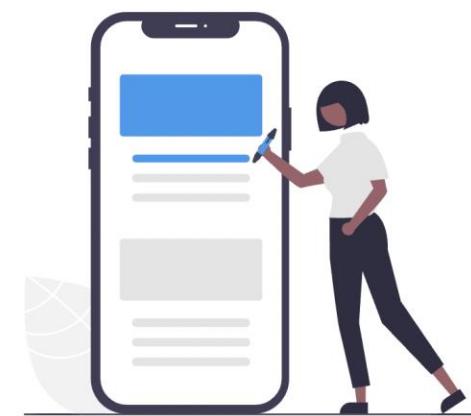
# QUILL HOMEPAGE

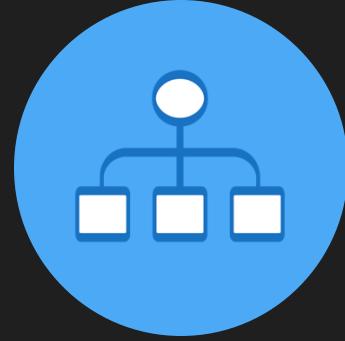
Finally, a **simple and easy** to use journal app

SPAN

**Write all your journals in a few  
clicks**

I'm baby bushwick health goth plaid try-hard, JOMO schlitz taiyaki austin whatever offal raw denim four loko fit.





CONTAINERS & SEMANTIC HTML

# SEMANTIC HTML

CONTAINERS

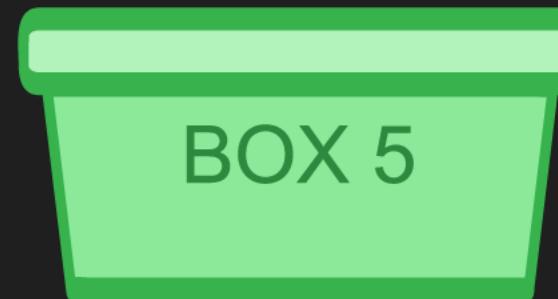
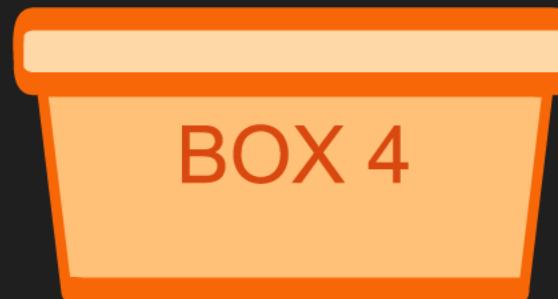
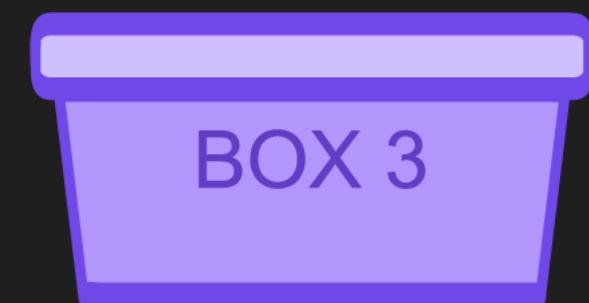
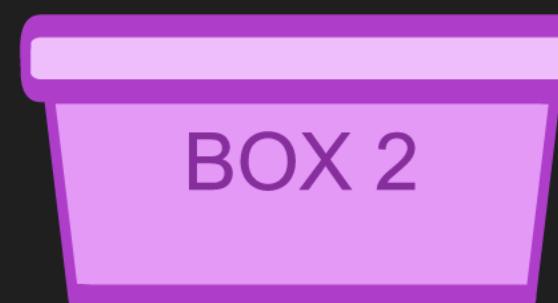
SEMANTIC ELEMENTS

SEMANTIC ELEMENTS VS. THE DIV ELEMENT

# CONTAINERS

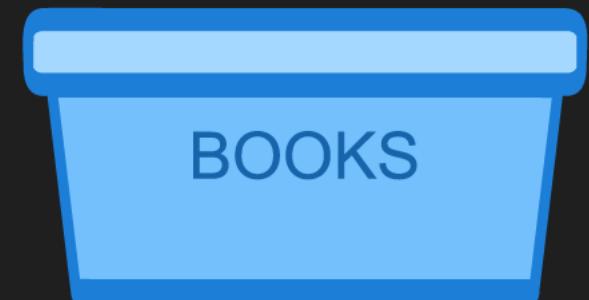
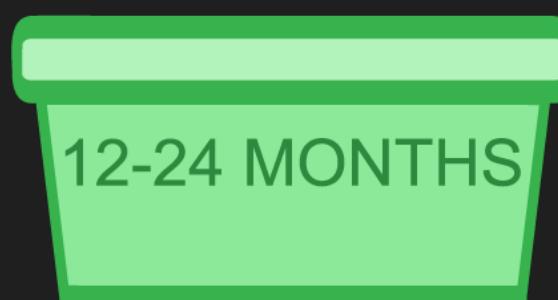
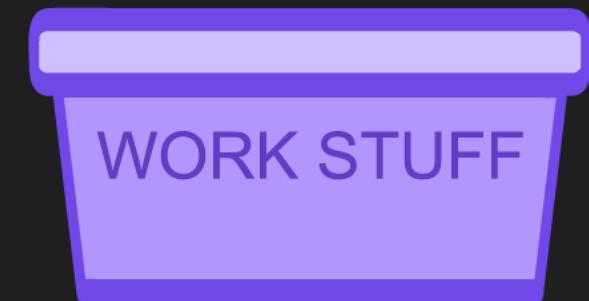
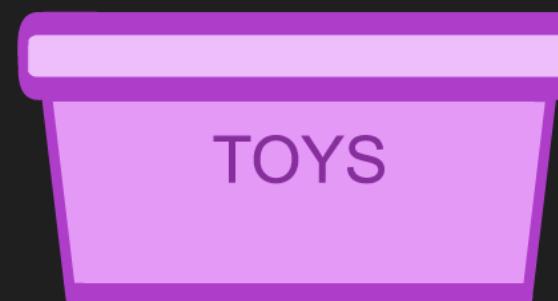


# CONTAINERS



NOT VERY HELPFUL

# CONTAINERS

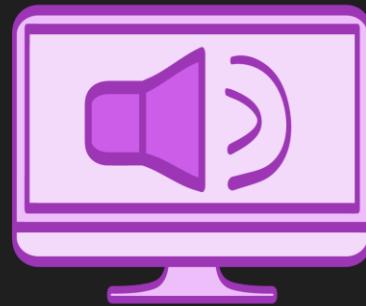


ALOT MORE HELPFUL

# SEMANTIC HTML

MEANINGFUL

USING HTML ELEMENTS THAT DESCRIBE THE TYPE OF CONTENT THEY CONTAIN



## ACCESSIBILITY

HELPS USERS WITH DISABILITIES WHO RELY ON SCREEN READERS AND OTHER ASSISTIVE TECHNOLOGY



## SEO

IMPROVES SEARCH ENGINE RANKINGS BY HELPING SEARCH ENGINES BETTER INDEX WEB PAGE CONTENT



## CLEANER CODE

CREATES CLEAN AND STRUCTURED CODE THAT YOU AND OTHER DEVELOPERS CAN MORE EASILY UNDERSTAND



LOGO Industries Styles Trends Resources

## Dan's UX Review



### Notion Design Review

A deep dive look at the effectiveness of simple elements

### NOTION FREE TRIAL

Claim now

### Design by Industry

 AdTech  EdTech  FinTech  HealthTech  MarTech

### Testimonials

 "My go-to resource for best UX tips and tricks"

 "Actionable insights with real world examples"

LOGO hello@dansuxreview.com 



WIREFRAME - SIMPLE VISUAL GUIDE THAT SHOWS THE BASIC STRUCTURE OF A WEBPAGE WITHOUT DESIGN DETAILS

 LOGO

Industries

Styles

Trends

Resources

## Dan's UX Review



### Notion Design Review

A deep dive look at the effectiveness of of simple elements

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HealthTech



MarTech

### Design by Industry



*"My go-to resource for best UX tips and tricks"*



*"Actionable insights with real world examples"*

 LOGO

hello@dansuxreview.com



&lt;body&gt;

&lt;header&gt;

LOGO

Industries

Styles

Trends

Resources

## Dan's UX Design Review

← INTRODUCTORY CONTENT OFTEN CONTAINING LOGOS, NAVIGATIONS AND HEADINGS

&lt;main&gt;



### Notion Design Review

A deep dive look at the effectiveness of simple elements

### NOTION FREE TRIAL

Claim now

← REPRESENTS THE MAIN CONTENT OF A WEBPAGE (ONE PER PAGE)

&lt;body&gt;

### Design by Industry



AdTech



EdTech



FinTech



HealthTech



MarTech

### Testimonials



"My go-to resource for best UX tips and tricks"



"Actionable insights with real world examples"

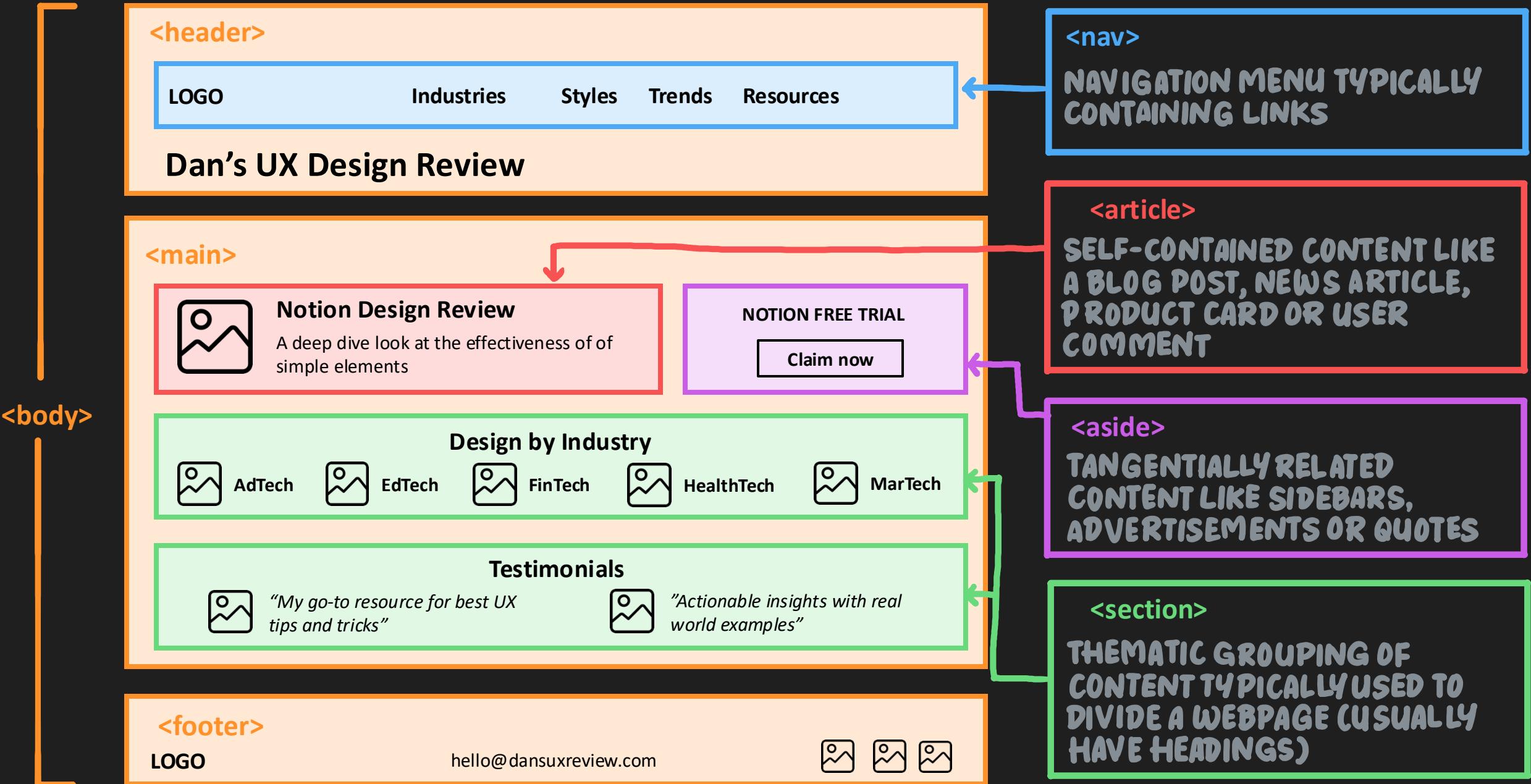
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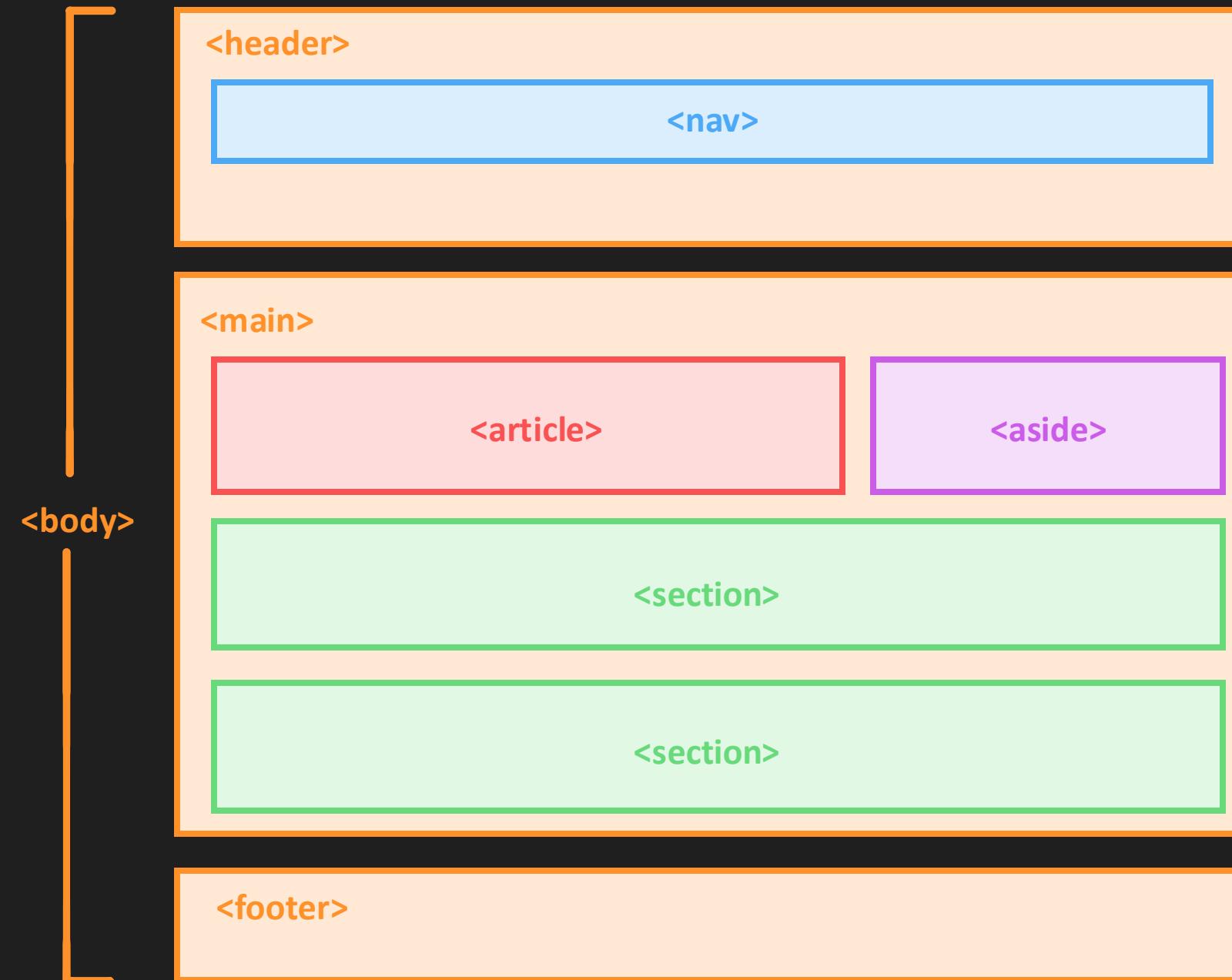
LOGO

hello@dansuxreview.com



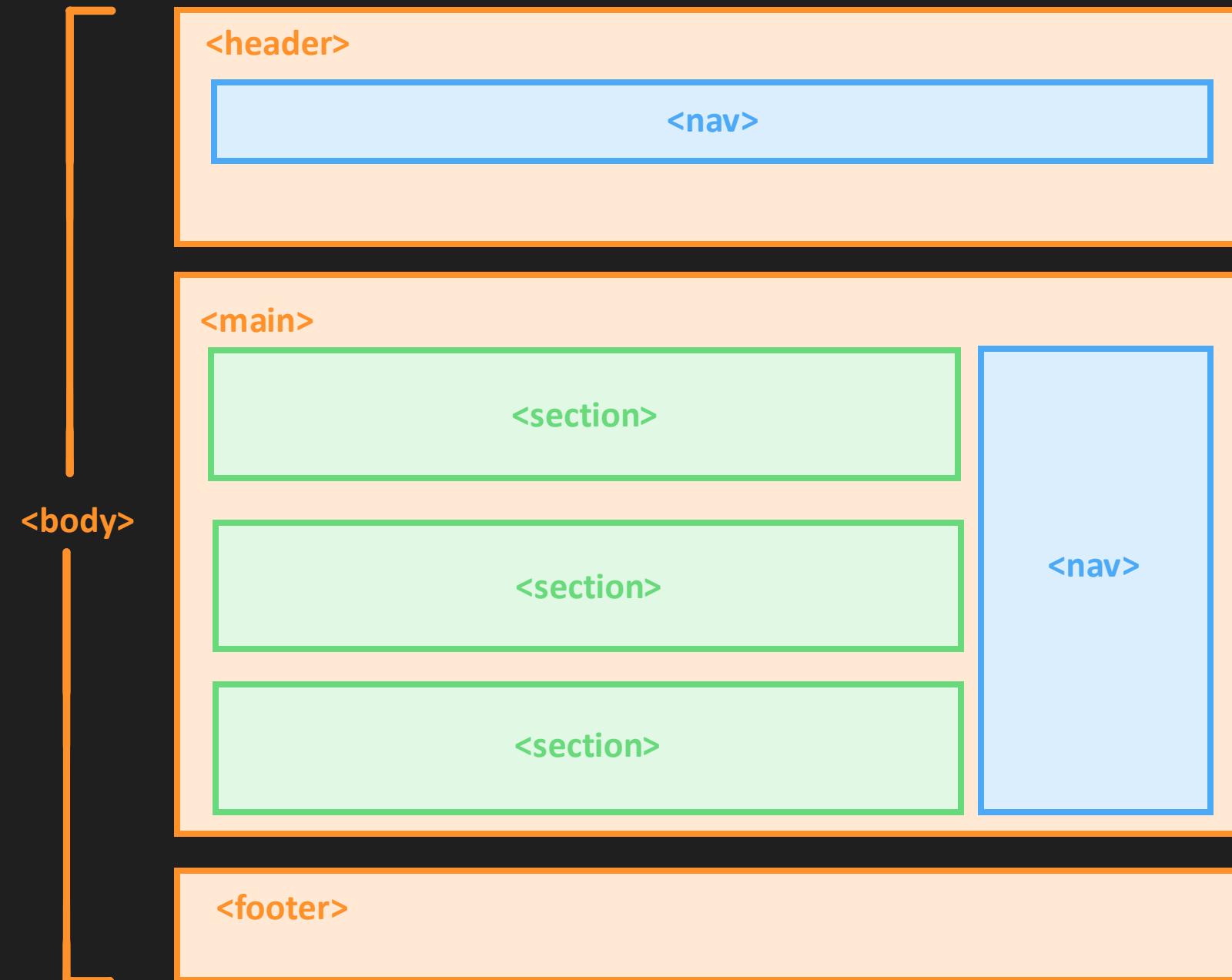
← CONTAINS CONTACT DETAILS, RELATED LINKS AND COPYRIGHT



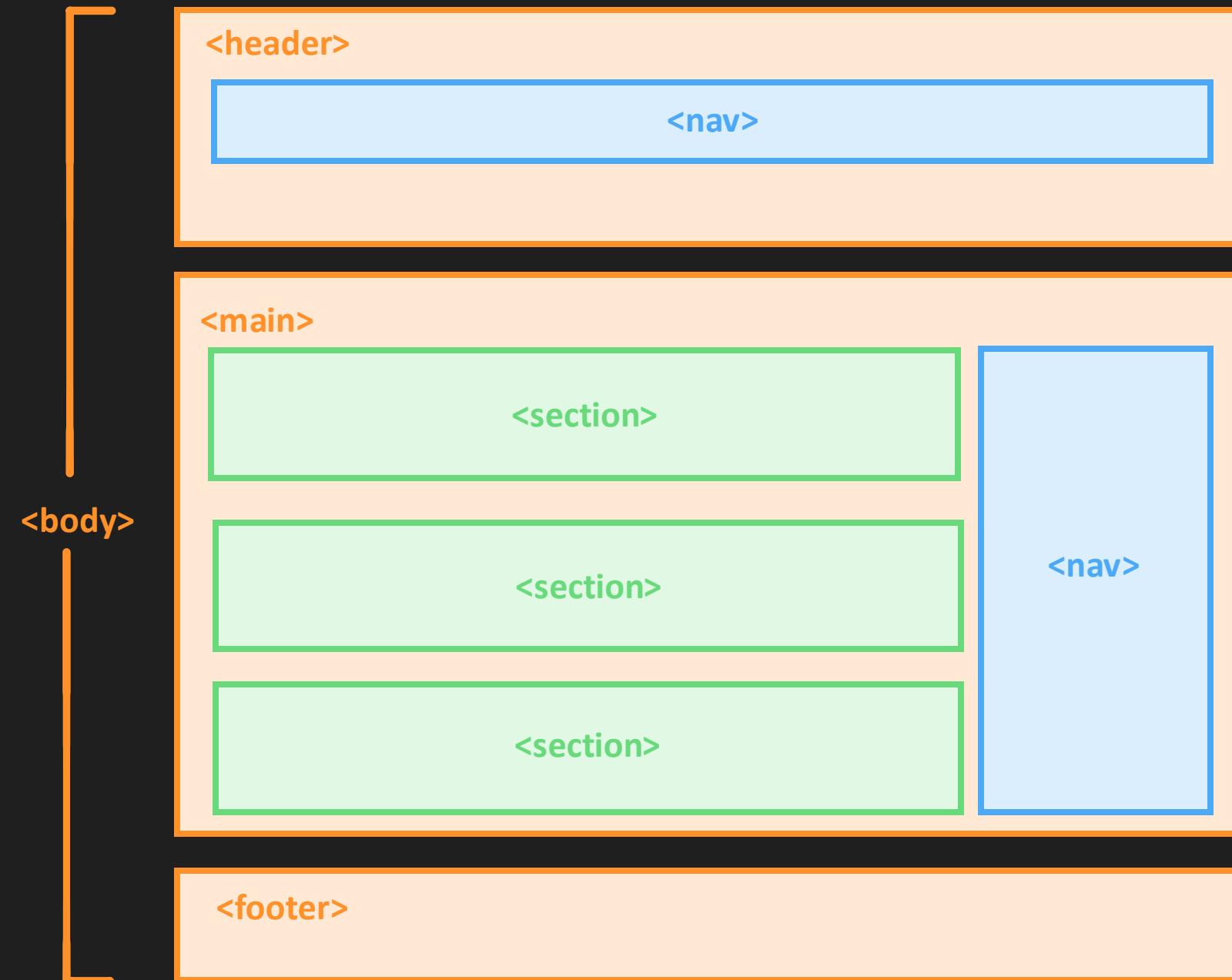


A SIMPLE DIAGRAM SHOWING  
SEMANTIC ELEMENTS





THE PLACEMENT OF SEMANTIC ELEMENTS CAN VARY DEPENDING ON THE SPECIFIC LAYOUT OF A PAGE



MOST WEB APPLICATIONS WILL FOLLOW A SIMPLE STRUCTURE AND WON'T USE ALL SEMANTIC ELEMENTS ON A SINGLE PAGE



`<header>``<nav>``<main>``<section>``<section>``<section>``<body>``<footer>`

MOST WEB APPLICATIONS WILL FOLLOW A SIMPLE STRUCTURE AND WON'T USE ALL SEMANTIC ELEMENTS ON A SINGLE PAGE





# SEMANTICS ELEMENTS VS. THE DIV ELEMENT

## SEMANTIC ELEMENTS

PROVIDE MEANINGFUL STRUCTURE  
TYPICALLY USED FOR SIGNIFICANT SECTIONS

## THE DIV ELEMENT

GENERIC CONTAINERS TYPICALLY USED FOR  
SMALLER GROUPS OF CONTENT

The diagram illustrates the use of semantic HTML elements versus the `<div>` element. It features two main sections: one for semantic elements and one for the `<div>` element.

**SEMANTIC ELEMENTS:** This section shows a screenshot of the Asana website's navigation menu. A red rectangular border highlights a specific section of the menu, and a red curved arrow points to it from the left. The menu items include: Asana, About Us, Workflow Solutions, Resources, Learn, Home, Company, Project Management, Help Center, 11 Leadership Styles, Product, Leadership, Goal Management, Forum, 110 Icebreaker Questions, What's New, Customers, Agile Management, Support, Executive Summary Tips, Pricing, Diversity, Task Management, App Directory, Impostor Syndrome Tips, Premium, Careers, Increase Productivity, Developers & API, Prevent Team Burnout, Business, Press, Work Management, Partners, SWOT Analysis Tips, Enterprise, Wavelength, Project Planning, Asana Community, What are OKRs?, Customer Success, Blog, To Do Lists, Events, What are SMART Goals?, Asana Templates, Investor Relations, See All Uses, Asana for Nonprofits, What is Scope Creep?, Trust & Security, Sitemap, See All Teams, Accessibility, See All resources, Status, Modern Slavery, Transparency Statement.

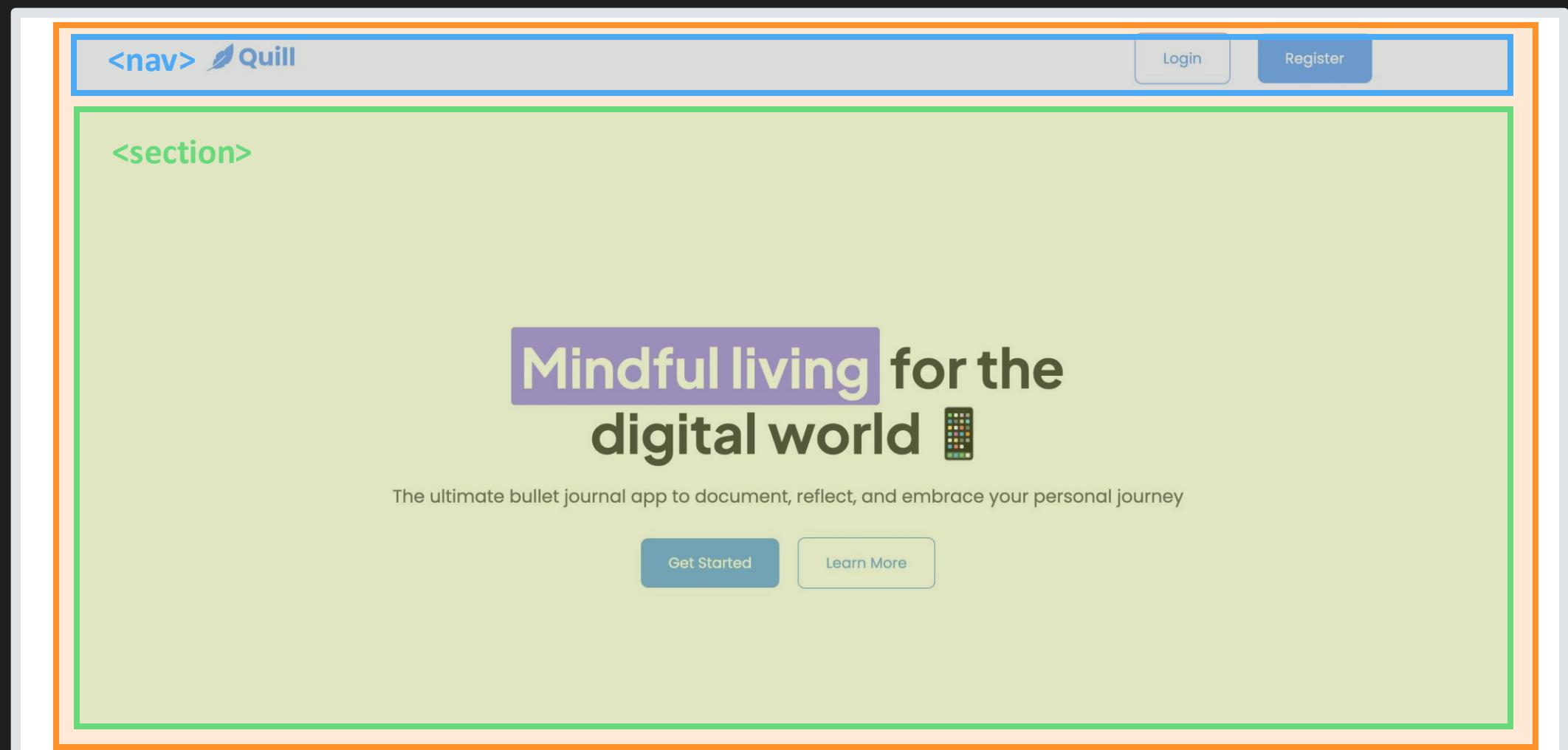
**THE DIV ELEMENT:** This section shows a screenshot of the Asana website's footer. A green rectangular border highlights a horizontal bar containing links for download from the App Store and Google Play. A green curved arrow points to this bar from the right.

**Page Footer:**

- © 2023 Asana, Inc.
- English
- Terms & Privacy
- Social media icons: Twitter, LinkedIn, Instagram, Facebook, YouTube
- Download on the App Store
- GET IT ON Google Play

# QUILL HOMEPAGE

<header>



The image shows a wireframe of a Quill homepage. The layout includes a header bar at the top with a navigation icon and the word "Quill", and two buttons for "Login" and "Register". Below the header is a large green section containing the main content. The central text reads "Mindful living for the digital world" with a smartphone icon, followed by a subtitle "The ultimate bullet journal app to document, reflect, and embrace your personal journey". At the bottom of this section are two buttons: "Get Started" and "Learn More". The entire wireframe is enclosed in a white border with an orange outline.

<nav> Quill

Login Register

<section>

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

<main>

<section>

**Finally, a simple and easy to use journal app**

<div>

**Write all your journals in a few clicks**

Unlock the simplicity of online journaling – say goodbye to the hassle of pen and paper and hello to effortless journaling with just a few clicks.

An illustration of a person with short dark hair, wearing a white t-shirt and dark pants, standing next to a large smartphone. The phone's screen displays a journal entry with several lines of text and a blue header. The person is holding a pen and appears to be writing or interacting with the phone's screen.

<div>

An illustration of a person with short dark hair, wearing a light-colored t-shirt and dark pants, standing next to a large smartphone. The phone's screen displays a journal entry with several lines of text and a purple header. The person is looking at the phone's screen.

**Beaitufully displayed and neatly organised**

Not just words on a screen – our journals are beautifully displayed and neatly organised.

<div>

**Create and reflect from anywhere in the world**

Whether you're at home or exploring the far corners of the world, create and reflect

An illustration of a person with short dark hair, wearing an orange t-shirt and dark pants, standing next to a large smartphone. The phone's screen is blank and facing the viewer. The person is looking at the phone's screen.

# QUILL HOMEPAGE

<main>

<section>

Get Started Now

Get Started

<footer>



Home Login Register

Made with ❤ in London



SCIENTIFIC  
HTML



SCIENTIFIC HTML

# TABLES

WHAT IS A TABLE

TABLE ELEMENTS

COL SPAN & ROW SPAN

EVOLUTION OF LAYOUTS

# WHAT IS A TABLE?

DISPLAYS INFORMATION IN A GRID FORMAT  
ARRANGING DATA BY ROWS AND COLUMNS

TABLE

Symbol	Name	Last price	Change	% change	Volume	Intra-day high/low	52-week range	Day chart
^FTSE	FTSE 100	7,479.54	+9.38	+0.13%	0	7,436.95 - 7,484.67	6,707.60 - 8,047.10	
^GSPC	S&P 500	4,229.45	-58.94	-1.37%	2.431B	4,216.45 - 4,281.15	3,491.58 - 4,607.07	
^DJI	Dow Jones Industrial Average	33,002.38	-430.97	-1.29%	295.143M	32,916.20 - 33,398.54	28,660.94 - 35,679.13	
^IXIC	NASDAQ Composite	13,059.47	-248.31	-1.87%	4.087B	13,008.60 - 13,280.04	10,088.83 - 14,446.55	
^GDAXI	DAX PERFORMANCE-INDEX	15,090.29	+5.08	+0.03%	0	14,948.08 - 15,091.60	12,000.43 - 16,528.97	
^FCHI	CAC 40	7,016.69	+19.64	+0.28%	0	6,948.03 - 7,017.34	5,704.87 - 7,581.26	
^N225	Nikkei 225	30,526.88	-711.06	-2.28%	0	30,487.67 - 30,830.85	25,661.89 - 33,772.89	
^HSI	HANG SENG INDEX	17,195.84	-135.38	-0.78%	0	17,094.00 - 17,266.82	14,597.31 - 22,700.85	
000001.SS	SSE Composite Index	3,110.48	+3.16	+0.10%	2.158B	3,105.94 - 3,121.84	2,885.09 - 3,418.95	
399001.SZ	Shenzhen Index	10,109.53	+5.23	+0.05%	312.289M	10,085.09 - 10,155.03	9,962.94 - 12,246.01	
^AXJO	S&P/ASX 200	6,890.20	-53.20	-0.77%	0	6,871.00 - 6,943.40	6,633.00 - 7,567.70	
^GSPTSE	S&P/TSX Composite index	19,020.92	-156.26	-0.81%	227.841M	18,945.79 - 19,125.87	18,169.90 - 22,213.10	
^JN0UJO	Top 40 USD Net TRI Index	3,639.35	+22.85	+0.63%	0	3,575.55 - 3,646.29	3,325.63 - 4,712.38	
^RUT	Russell 2000	1,727.15	-29.66	-1.69%	0	1,721.48 - 1,749.19	1,641.94 - 2,007.31	
^VIX	CBOE Volatility Index	19.97	+0.19	+0.96%	0	19.96 - 20.88	15.53 - 35.05	
^STOXX50E	ESTX 50 PR.EUR	4,104.72	+9.13	+0.22%	0	4,061.94 - 4,105.12	3,256.32 - 4,491.51	
^N100	Euronext 100 Index	1,299.13	+3.38	+0.26%	0	1,286.53 - 1,299.24	1,091.44 - 1,406.01	
^BFX	BEL 20	3,475.23	+13.46	+0.39%	0	3,447.63 - 3,476.49	3,269.91 - 3,962.29	

# WHAT IS A TABLE?

DISPLAYS INFORMATION IN A GRID FORMAT  
ARRANGING DATA BY ROWS AND COLUMNS

Contents [hide]

(Top)

Early life

Amateur mixed martial arts career

> Professional mixed martial arts career

Mixed martial arts fighting style

> Professional boxing career

Personal life

> Business ventures

> Controversies

> Championships and accomplishments

> Pay-per-view bouts

> Filmography

Mixed martial arts record

Professional boxing record

Exhibition record

See also

References

External links

**Pay-per-view bouts**

**Mixed martial arts**

No.	Event	Fight	Date	Venue	City	PPV buys	
1.	UFC 189	Mendes vs. McGregor	11 July 2015	MGM Grand Garden Arena	Las Vegas, Nevada, US	825,000 <sup>[296]</sup>	
2.	UFC 194	Aldo vs. McGregor	12 December 2015	MGM Grand Garden Arena	Las Vegas, Nevada, US	1,200,000 <sup>[297]</sup>	
3.	UFC 196	McGregor vs. Diaz	5 March 2016	MGM Grand Garden Arena	Las Vegas, Nevada, US	1,317,000 <sup>[297]</sup>	
4.	UFC 202	Diaz vs. McGregor 2	20 August 2016	T-Mobile Arena	Las Vegas, Nevada, US	1,650,000 <sup>[298]</sup>	
5.	UFC 205	Alvarez vs. McGregor	12 November 2016	Madison Square Garden	New York City, New York, US	1,300,000 <sup>[297]</sup>	
6.	UFC 229	Khabib vs. McGregor	6 October 2018	T-Mobile Arena	Las Vegas, Nevada, US	2,400,000 <sup>[297]</sup>	
7.	UFC 246	McGregor vs. Cowboy	18 January 2020	T-Mobile Arena	Las Vegas, Nevada, US	1,000,000 <sup>[299]</sup>	
8.	UFC 257	Poirier vs. McGregor 2	24 January 2021	Etiad Arena	Abu Dhabi, United Arab Emirates	1,600,000 <sup>[300]</sup>	
9.	UFC 264	Poirier vs. McGregor 3	10 July 2021	T-Mobile Arena	Las Vegas, Nevada, US	1,800,000 <sup>[301]</sup>	
Total sales							13,342,000

**Boxing**

United States							
No.	Date	Fight	Billing	Network	Buys	Revenue	Source(s)
1	26 August 2017	Mayweather vs. McGregor	The Money Fight	Showtime (US)	4,300,000	\$492,785,000	[302]
				Sky Box Office (UK)	1,007,000	£20,089,650	[303]
Total					5,307,000	512,874,650	

**Filmography**

TABLE

TABLE

# TABLE ELEMENTS

Event	Fight	Venue	City	PPV
UFC 189	Mendes vs. McGregor	MGM Grand	Las Vegas	825,000
UFC 194	Aldo vs. McGregor	MGM Grand	Las Vegas	1,200,000
UFC 196	McGregor vs. Diaz	MGM Grand	Las Vegas	1,317,000
UFC 202	Diaz vs. McGregor 2	T-Mobile	Las Vegas	1,650,000
Total Sales				4,992,000

# TABLE ELEMENTS

TABLE TAG  
`<table>`

Event	Fight	Venue	City	PPV
UFC 189	Mendes vs. McGregor	MGM Grand	Las Vegas	825,000
UFC 194	Aldo vs. McGregor	MGM Grand	Las Vegas	1,200,000
UFC 196	McGregor vs. Diaz	MGM Grand	Las Vegas	1,317,000
UFC 202	Diaz vs. McGregor 2	T-Mobile	Las Vegas	1,650,000
Total Sales				4,992,000

# TABLE ELEMENTS

<thead> ← TABLE HEAD TAG

Event	Fight	Venue	City	PPV
-------	-------	-------	------	-----

<tbody> ← TABLE BODY TAG

UFC 189	Mendes vs. McGregor	MGM Grand	Las Vegas	825,000
UFC 194	Aldo vs. McGregor	MGM Grand	Las Vegas	1,200,000
UFC 196	McGregor vs. Diaz	MGM Grand	Las Vegas	1,317,000
UFC 202	Diaz vs. McGregor 2	T-Mobile	Las Vegas	1,650,000

<tfoot> ← TABLE FOOT TAG

Total Sales	4,992,000
-------------	-----------

# TABLE ELEMENTS

TABLE ROW TAG

<tr>

Event	Fight	Venue	City	PPV
-------	-------	-------	------	-----

<tr>

UFC 189	Mendes vs. McGregor	MGM Grand	Las Vegas	825,000
---------	---------------------	-----------	-----------	---------

<tr>

UFC 194	Aldo vs. McGregor	MGM Grand	Las Vegas	1,200,000
---------	-------------------	-----------	-----------	-----------

<tr>

UFC 196	McGregor vs. Diaz	MGM Grand	Las Vegas	1,317,000
---------	-------------------	-----------	-----------	-----------

<tr>

UFC 202	Diaz vs. McGregor 2	T-Mobile	Las Vegas	1,650,000
---------	---------------------	----------	-----------	-----------

<tr>

Total Sales	4,992,000
-------------	-----------

# TABLE ELEMENTS

<th> ← TABLE HEADER TAG

Event	Fight	Venue	City	PPV
UFC 189	Mendes vs. McGregor	MGM Grand	Las Vegas	825,000
UFC 194	Aldo vs. McGregor	MGM Grand	Las Vegas	1,200,000
UFC 196	McGregor vs. Diaz	MGM Grand	Las Vegas	1,317,000
UFC 202	Diaz vs. McGregor 2	T-Mobile	Las Vegas	1,650,000
Total Sales				4,992,000

<td> ← TABLE DATA TAG

# COL SPAN

AN ATTRIBUTE THAT SPECIFIES THE NUMBER OF COLUMNS  
A CELL SHOULD SPAN HORIZONTALLY

COLSPAN  
ATTRIBUTE



```
<td colspan="4"
```

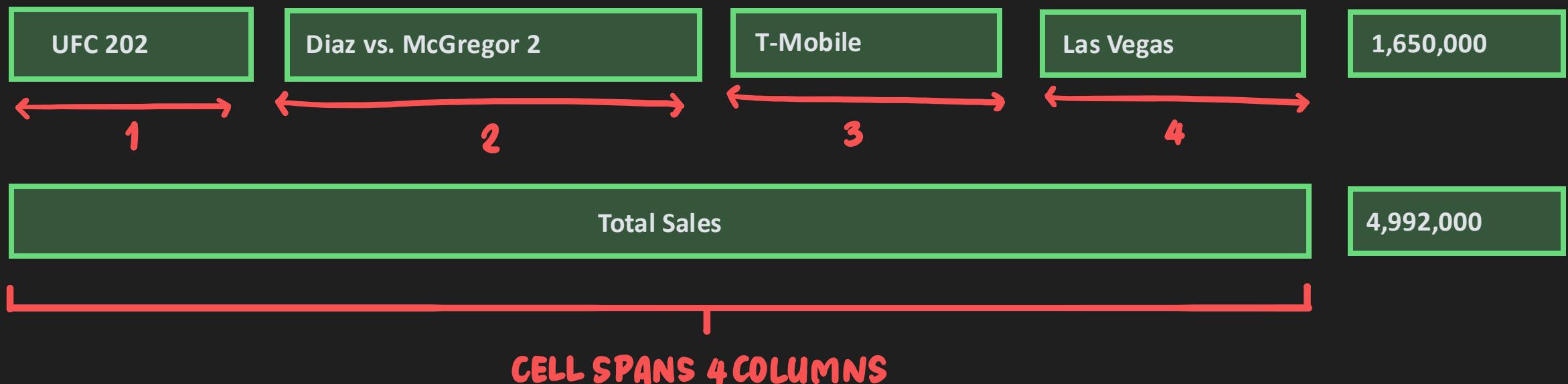
NUMBER OF  
ROWS TO SPAN



```
>Total Sales</td>
```

# COL SPAN

<td colspan="4" >Total Sales</td>



# ROW SPAN

AN ATTRIBUTE THAT SPECIFIES THE NUMBER OF ROWS  
A CELL SHOULD SPAN VERTICALLY

ROWSPAN  
ATTRIBUTE

NUMBER OF  
ROWS TO SPAN

```
<td rowspan="3">MGM Grand</td>
```

# ROW SPAN

<td rowspan="3">MGM Grand</td>

<td rowspan="4">Las Vegas</td>

	Venue	City	PPV
1	MGM Grand	Las Vegas	825,000
2	MGM Grand MGM Grand	Las Vegas Las Vegas	1,200,000
3	MGM Grand	Las Vegas	1,317,000
4	T-Mobile	Las Vegas	1,650,000

CELL SPANS  
3 ROWS

CELL SPANS  
4 ROWS

# EVOLUTION OF LAYOUTS

TABLES USED TO BE THE PRIMARY METHOD OF POSITIONING ELEMENTS AND CREATING STRUCTURED LAYOUTS

HTML TABLE <2013

Get started easily

Whether you want to start with a pre-built template for marketing, operations, product, learn more from a demo, or talk to our support team, Asana can help with that.

Product Launches

Quarter	Task	Start Date	End Date	Status
Q1:	New mobile app	Feb 1 - Feb 22	Mar 15	Marketed
Q1:	New user on-boarding update	Feb 1 - Mar 14	Mar 15	QA ready
Q1:	Improved education	Jan 20 - Mar 14	Mar 15	QA ready
Q2:	App performance improvements	May 8 - May 23	May 24	Eng ready
Q2:	Office mode	May 8 - Jun 12	Jun 13	Design ready
Q2:	New integration	Jul 1 - Jul 18	Jul 19	QA ready
Q2:	Test notifications	Aug 1 - Aug 28	Aug 29	QA ready
Q3:	Reporting and analytics updates	Aug 8 - Aug 14	Aug 15	Spec ready
Q3:	App design refresh	Sep 8 - Oct 13	Oct 14	Design ready
Q3:	New search functionality	Sep 8 - Oct 28	Oct 29	Spec ready
Q4:				

Start with a template

See templates →

See Asana in action

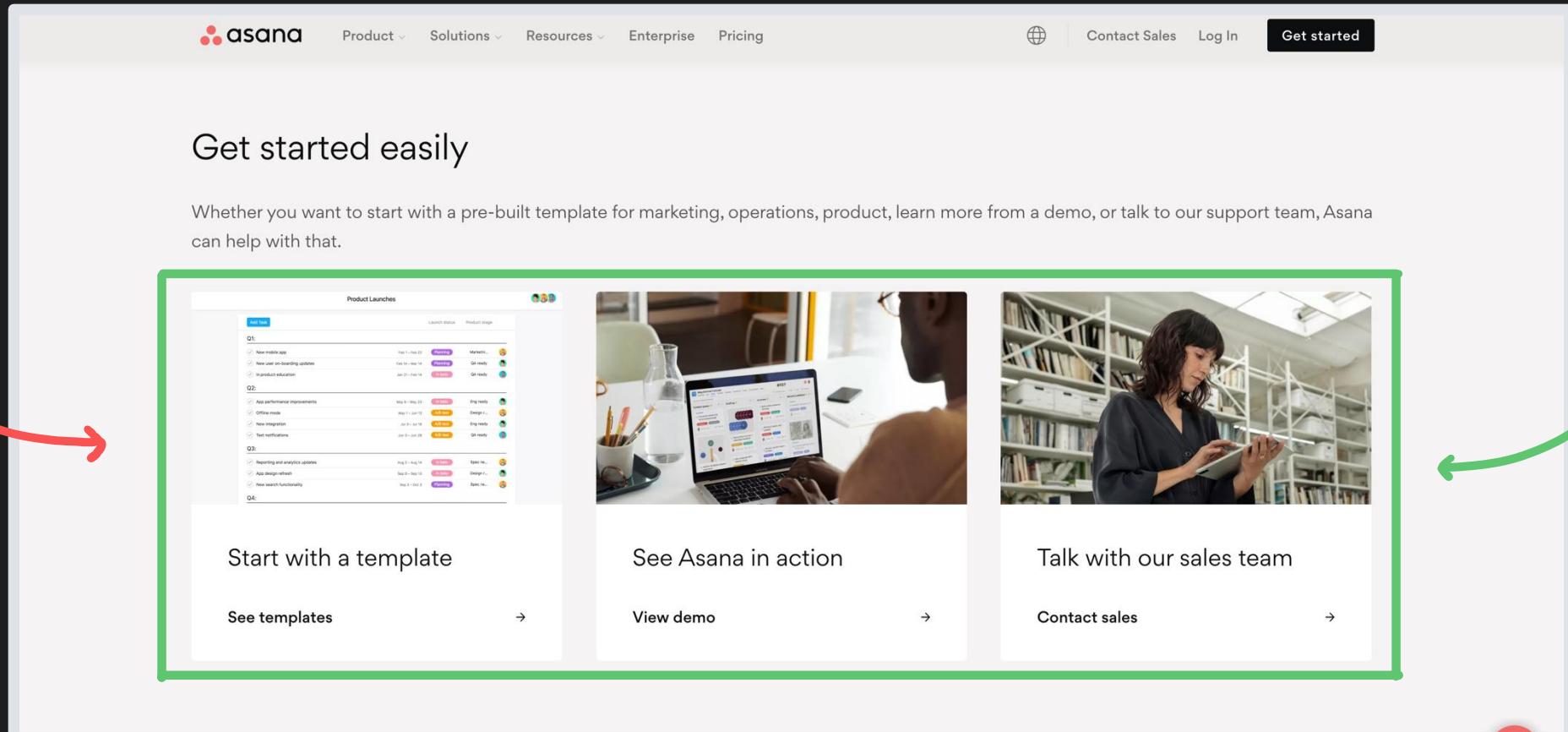
View demo →

Talk with our sales team

Contact sales →

# EVOLUTION OF LAYOUTS

TABLES USED TO BE THE PRIMARY METHOD OF POSITIONING ELEMENTS AND CREATING STRUCTURED LAYOUTS



The screenshot shows the Asana homepage with a navigation bar at the top. Below the header, there's a main section titled "Get started easily" with a sub-section about templates. A large green box highlights the "Start with a template" section, which includes a screenshot of a product launch board and three call-to-action buttons: "See templates", "View demo", and "Contact sales".

**HTML TABLE < 2013**

**CSS > 2013**

Get started easily

Whether you want to start with a pre-built template for marketing, operations, product, learn more from a demo, or talk to our support team, Asana can help with that.

Start with a template

See templates →

View demo →

Contact sales →



SCIENTIFIC HTML

# SCIENTIFIC ELEMENTS

A BRIEF HISTORY OF HTML

SUPERSCRIPT & SUBSCRIPT

FIGURE & FIGCAPTION

# A BRIEF HISTORY OF HTML

HTML WAS INITIALLY DEVELOPED TO HELP SCIENTISTS SHARE THEIR WORK

## World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#) , [Policy](#) , November's [W3 news](#) , [Frequently Asked Questions](#) .

### [What's out there?](#)

Pointers to the world's online information, [subjects](#) , [W3 servers](#), etc.

### [Help](#)

on the browser you are using

### [Software Products](#)

A list of W3 project components and their current state. (e.g. [Line Mode](#) ,[X11 Viola](#) , [NeXTStep](#) , [Servers](#) , [Tools](#) , [Mail robot](#) , [Library](#).)

### [Technical](#)

Details of protocols, formats, program internals etc

### [Bibliography](#)

Paper documentation on W3 and references.

### [People](#)

A list of some people involved in the project.

### [History](#)

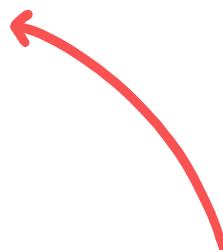
A summary of the history of the project.

### [How can I help ?](#)

If you would like to support the web..

### [Getting code](#)

Getting the code by [anonymous FTP](#) , etc.



FIRST EVER WEBSITE CREATED BY  
SCIENTIST TIM BERNES-LEE AT CERN

# A BRIEF HISTORY OF HTML

HTML INCLUDES A GROUP OF TAGS THAT ALLOW SCIENTISTS TO EFFECTIVELY PUBLISH THEIR WORK

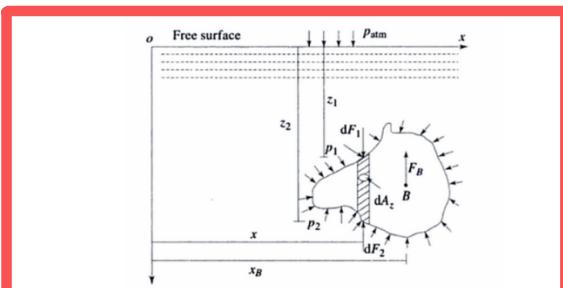
FIGURES

**4 Research and Theory**

**4.1 Buoyancy and Stability**

**4.1.1 Archimedes Principle and Buoyancy**

For a floating body or fully submerged body there will exist pressure from the surrounding fluid. This will cause an upward force called buoyancy. Archimedes principle states that the buoyant force ( $F_B$ ) is equal to the weight of the water displaced and is derived below using Figure 4-1 shown below.



The diagram illustrates a submerged body in a fluid. The free surface is at the top. At a vertical distance  $z_1$  from the bottom of the body, a small horizontal strip of area  $dA_z$  is shown. The pressure at this point is  $p_1$ . At a greater depth  $z_2$ , the pressure is  $p_2$ . The upward force on this strip is  $dF_1 = (p_{atm} + p_1)dA_z$ . The downward force on the strip is  $dF_2 = (p_{atm} + p_2)dA_z$ . The net upward force on the entire body is the buoyant force  $F_B$ .

**Figure 4-1 Buoyancy Force on Submerged Body (Adopted from Biswas, 2004)**

$$dF_1 = (p_{atm} + p_1)dA_z = (p_{atm} + \rho g z_1)dA_z$$

$$dF_2 = (p_{atm} + p_2)dA_z = (p_{atm} + \rho g z_2)dA_z$$

$$dF_B = dF_2 - dF_1 = \rho g(z_2 - z_1)dA_z = \rho g dV$$

$$F_B = \rho g V$$

**4.1.2 Stability of Submerged and Floating Bodies**

A floating body will have both a centre of buoyancy ( $B$ ) and a centre of gravity ( $G$ ), which are

**7 Buoyancy Analysis**

The buoyancy analysis will assist in optimising the height of the structure and calculating an appropriate ballast slab thickness, which will be installed at the bottom of the structure to increase stability. As the length of the structure is still unknown and will be determined at a later stage, all loading will be in kN per metre length. The process of finding the appropriate wall height and ballast weight is to ensure that the total weight of the structure is equal to the buoyant force, i.e. to achieve equilibrium of the equation below.

$$W_{slab} + W_{traffic} + W_{wall} + W_{ballast} = F_B$$

The weight of the top slab ( $W_{slab}$ ) is simple to calculate, as the thickness is known from the strength analysis

$$W_{slab} = \rho_{concrete} \times g \times \text{thickness}$$

The M1600 live load has been replaced by a single carload. This has to be done, as the floating structure will not be viable to support the M1600 load, as the magnitude of this load is too large. The live load has been restricted to a weight of 6 tonne vehicle per vehicle and a dynamic load allowance (DLA) has been included. The magnitude of 6 tonnes has been taken as the maximum applied pressure for a single axis oversized vehicle as set out in the Queensland Government Department of Transport and Main Roads guide to Excess Mass Vehicles. This load has also been applied per metre length and is shown below

$$W_{traffic} = \frac{(1 + DLA) \times W_{car}}{\text{Length of Car}}$$

The weight of the wall ( $W_{wall}$ ) is dependent on the height. In the calculation the height of the structure is modulated by 0.1 m intervals from 0.1 m to 4 m. The weight of the wall is given by the following equation.

$$W_{wall} = \rho_{concrete} \times g \times \text{width} \times \text{height}$$

The buoyant force ( $F_B$ ) is also dependent on the height of the wall, as the buoyant force is

EQUATION ELEMENTS

# SUPERSCRIPT AND SUBSCRIPT

## SUPERSCRIPT

<sup> [8] </sup>

## SUBSCRIPT

<sub> r </sub>

A screenshot of a Wikipedia article about Potassium. A pink arrow points from the word "SUPERSCRIPT" to the superscripted number "[8]" in the text "knife[8]". A red arrow points from the word "SUBSCRIPT" to the subscripted letter "r" in the text "Potassium ions".

The Wikipedia page includes a sidebar with a photo of potassium pearls, a periodic table highlighting Potassium, and a detailed description of its properties and uses.

**Potassium**

From Wikipedia, the free encyclopedia

This article is about the chemical element. For the use of potassium as a medication, see [Potassium chloride \(medical use\)](#). For the use of potassium in biology, see [Potassium in biology](#).

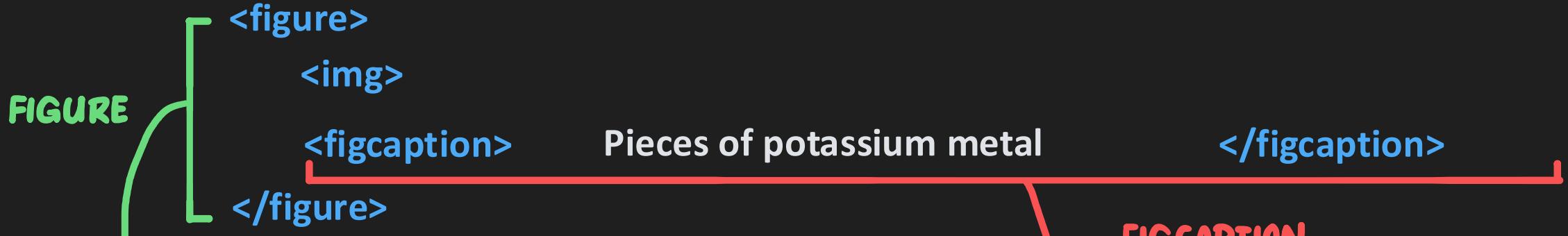
Potassium is a chemical element; it has atomic number 19. It is a silvery white metal that is soft enough to react rapidly with exposure. It was first isolated from potash, the ashes of plants, in 1807. In the periodic table, potassium is one of the alkali metals, all of which have a single valence electron in the outer electron shell, which is easily removed to create an ion with a positive charge (which combines with anions to form salts). In nature, potassium occurs only in ionic salts. Elemental potassium reacts vigorously with water, generating sufficient heat to ignite hydrogen emitted in the reaction, and burning with a lilac-colored flame. It is found dissolved in seawater (which is 0.04% potassium by weight),<sup>[9][10]</sup> and occurs in many minerals such as orthoclase, a common constituent of granites and other igneous rocks.<sup>[11]</sup>

Potassium is chemically very similar to sodium, the previous element in group 1 of the periodic table. They have a similar first ionization energy, which allows for each atom to give up its sole outer electron. It was first suggested in 1702 that they were distinct elements that combine with the same anions to make similar salts,<sup>[12]</sup> which was demonstrated in 1807 when elemental potassium was first isolated via electrolysis. Naturally occurring potassium is composed of three isotopes, of which  $^{40}\text{K}$  is radioactive. Traces of  $^{40}\text{K}$  are found in all potassium, and it is the most common radioisotope in the human body.

Potassium ions are vital for the functioning of all living cells. The transfer of potassium ions across nerve cell membranes is necessary for normal nerve transmission; potassium deficiency and excess can each result in numerous signs and symptoms, including an abnormal heart rhythm and various electrocardiographic abnormalities. Fresh fruits and vegetables are good dietary sources of potassium. The body responds to the influx of dietary potassium, which raises serum potassium levels, by shifting potassium from outside to inside cells and increasing potassium excretion by the kidneys.

Most industrial applications of potassium exploit the high solubility of its compounds in water, such as saltwater soap. Heavy crop production rapidly depletes the soil of potassium, and this can be remedied with agricultural fertilizers containing potassium, accounting for 95% of global potassium chemical

# FIGURE AND FIGCAPTION



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**Pieces of potassium metal**

Elemental potassium does not occur in nature because of its high reactivity. It reacts violently with water (see section Precautions below)<sup>[50]</sup> and also reacts with oxygen. Orthoclase (potassium feldspar) is a common rock-forming mineral. Granite for example contains 5% potassium, which is well above the average in the Earth's crust. Sylvite ( $KCl$ ), carnallite ( $KCl \cdot MgCl_2 \cdot 6H_2O$ ), kainite ( $MgSO_4 \cdot KCl \cdot 3H_2O$ ) and langbeinite ( $MgSO_4 \cdot K_2SO_4$ ) are the minerals found in large evaporite deposits worldwide. The deposits often show layers starting with the least soluble at the bottom and the most soluble on top.<sup>[36]</sup> Deposits of niter (potassium nitrate) are formed by decomposition of organic material in contact with atmosphere, mostly in caves; because of the good water solubility of niter the formation of larger deposits requires special environmental conditions.<sup>[53]</sup>

Sir Humphry Davy

# HTML



INTRODUCTION  
TO HTML



HTML TEXT



HYPERLINKS  
& ATTRIBUTES



SELF-CLOSING  
TAGS & IMAGES



HTML  
FORMS



CONTAINERS  
& SEMANTIC HTML



SCIENTIFIC  
HTML